

ILLINOIS OZONE STATE IMPLEMENTATION PLAN

**REVISIONS TO THE
ILLINOIS VEHICLE EMISSIONS INSPECTION AND MAINTENANCE
PROGRAM**

ATTACHMENTS

- Volume 1 –

Attachments 1 – 31

November 29, 2012

**Illinois Environmental Protection Agency
Bureau of Air
Division of Mobile Source Programs
1021 North Grand Avenue, East
Springfield, IL 62794**

Illinois Ozone SIP Revision – Vehicle Emissions Inspection and Maintenance Program

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ATTACHMENTS

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Attachment 1

Vehicle Emissions Inspection Law of 2005
("VEIL of 2005")
(625 ILCS 5/13C)

Information maintained by the Legislative Reference Bureau

Updating the database of the Illinois Compiled Statutes (ILCS) is an ongoing process. Recent laws may not yet be included in the ILCS database, but they are found on this site as [Public Acts](#) soon after they become law. For information concerning the relationship between statutes and Public Acts, refer to the [Guide](#).

Because the statute database is maintained primarily for legislative drafting purposes, statutory changes are sometimes included in the statute database before they take effect. If the source note at the end of a Section of the statutes includes a Public Act that has not yet taken effect, the version of the law that is currently in effect may have already been removed from the database and you should refer to that Public Act to see the changes made to the current law.

VEHICLES (625 ILCS 5/) Illinois Vehicle Code.

(625 ILCS 5/Ch. 13C heading)

CHAPTER 13C. EMISSION INSPECTION

(Source: P.A. 94-526, eff. 1-1-06.)

(625 ILCS 5/13C-1)

Sec. 13C-1. Short title. This Chapter may be cited as the Vehicle Emissions Inspection Law of 2005.

(Source: P.A. 94-526, eff. 1-1-06.)

(625 ILCS 5/13C-5)

Sec. 13C-5. Definitions. For the purposes of this Chapter:

"Affected counties" means Cook County; DuPage County; Lake County; those parts of Kane County that are not included within any of the following ZIP code areas, as designated by the U.S. Postal Service on the effective date of this amendatory Act of the 94th General Assembly: 60109, 60119, 60135, 60140, 60142, 60144, 60147, 60151, 60152, 60178, 60182, 60511, 60520, 60545, and 60554; those parts of Kendall County that are not included within any of the following ZIP code areas, as designated by the U.S. Postal Service on the effective date of this amendatory Act of the 94th General Assembly: 60447, 60450, 60512, 60536, 60537, 60541, those parts of 60543 that are not within the census defined urbanized area, 60545, 60548, and 60560; those parts of McHenry County that are not included within any of the following ZIP code areas, as designated by the U.S. Postal Service on the effective date of this amendatory Act of the 94th General Assembly: 60001, 60033, 60034, 60071, 60072, 60097, 60098, 60135, 60142, 60152, and 60180; those parts of Will County that are not included within any of the following ZIP code areas, as designated by the U.S. Postal Service on the effective date of this amendatory Act of the 94th General Assembly: 60401, 60407, 60408, 60410, 60416, 60418, 60421, 60442, 60447, 60468, 60481,

60935, and 60950; those parts of Madison County that are not included within any of the following ZIP code areas, as designated by the U.S. Postal Service on the effective date of this amendatory Act of the 94th General Assembly: 62001, 62012, 62021, 62026, 62046, 62058, 62061, 62067, 62074, 62086, 62088, 62097, 62249, 62275, 62281, and 62293; those parts of Monroe County that are not included within any of the following ZIP code areas, as designated by the U.S. Postal Service on the effective date of this amendatory Act of the 94th General Assembly: 62244, 62248, 62256, 62261, 62264, 62276, 62277, 62278, 62279, 62295, and 62298; and those parts of St. Clair County that are not included within any of the following ZIP code areas, as designated by the U.S. Postal Service on the effective date of this amendatory Act of the 94th General Assembly: 62224, 62243, 62248, 62254, 62255, 62257, 62258, 62260, 62264, 62265, 62269, 62278, 62282, 62285, 62289, 62293, and 62298.

"Board" means the Illinois Pollution Control Board.

"Claim evaluation center" means an automotive diagnostic facility that meets the standards prescribed by the Agency for performing examinations of vehicle emissions inspection damage claims.

"Contractor" means the vehicle emissions test contractor for official inspection stations described in Section 13C-45.

"Diagnostic code" means a code stored in a vehicle's on-board diagnostic computer to indicate the occurrence of an emissions-related condition or malfunction.

"Inspection area" means Cook County, DuPage County, Lake County, and those portions of Kane, Kendall, Madison, McHenry, Monroe, Will, and St. Clair Counties included in the definition of "affected counties".

"Malfunction indicator lamp" or "MIL" means a dashboard lamp designed to illuminate to alert the driver to the occurrence of a problem or condition resulting in excessive emissions.

"On-board diagnostic system" or "OBD system" means the computer-based system built into a vehicle that is designed to monitor the performance of major engine and emissions controls, to alert the operator to emissions-related malfunctions, and to store diagnostic codes and other vehicle operating information useful in repairing the vehicle.

"Official inspection station" means a structure or physical location where the Agency has authorized vehicle emissions testing to be conducted.

"Owner" means the registered owner of the vehicle, as indicated on the vehicle's registration. In the case of an unregistered vehicle, "owner" has the meaning set forth in Section 1-155 of this Code.

"Program" means the vehicle emission inspection program established under this Chapter.

"Readiness status" means an indication of whether a vehicle's on-board diagnostic system has completed a periodic check of the performance of a monitored system or component.

"Resident" includes natural persons, foreign and domestic corporations, partnerships, associations, and all other commercial and governmental

entities. For the purpose of determining residence, the owner of a vehicle shall be presumed to reside at the address indicated on the vehicle's registration. A governmental entity, including the federal government and its agencies, and any unit of local government or school district, any part of which is located within an affected county, shall be deemed a resident of an affected county for the purpose of any vehicle that is owned by the governmental entity and regularly operated in an affected county.

"Registration" of a vehicle means its registration under Article IV of Chapter 3 of this Code.

"Vehicle age" means the numerical difference between the current calendar year and the vehicle model year.

(Source: P.A. 97-106, eff. 2-1-12.)

(625 ILCS 5/13C-10)

Sec. 13C-10. Program.

(a) The Agency shall establish a program to begin February 1, 2007, to reduce the emission of pollutants by motor vehicles. This program shall be a replacement for and continuation of the program established under the Vehicle Emissions Inspection Law of 1995, Chapter 13B of this Code.

At a minimum, this program shall provide for all of the following:

- (1) The inspection of certain motor vehicles every 2 years, as required under Section 13C-15.
- (2) The establishment and operation of official inspection stations.
- (3) The designation of official test equipment and testing procedures.
- (4) The training and supervision of inspectors and other personnel.
- (5) Procedures to assure the correct operation, maintenance, and calibration of test equipment.
- (6) Procedures for certifying test results and for reporting and maintaining relevant data and records.

(b) The Agency shall provide for the operation of a sufficient number of official inspection stations to prevent undue difficulty for motorists to obtain the inspections required under this Chapter. In the event that the Agency operates inspection stations or contracts with one or more parties to operate inspection stations on its behalf, the Agency shall endeavor to: (i) locate the stations so that the owners of vehicles subject to inspection reside within 12 miles of an official inspection station; and (ii) have sufficient inspection capacity at the stations so that the usual wait before the start of an inspection does not exceed 15 minutes.

(Source: P.A. 94-526, eff. 1-1-06.)

(625 ILCS 5/13C-15)

(Text of Section from P.A. 97-106)

Sec. 13C-15. Inspections.

(a) Computer-Matched Inspections and Notification.

(1) The provisions of this subsection (a) are operative until the implementation of the registration denial inspection and notification mechanisms required by subsection (b). Beginning with the implementation of the program required by this Chapter, every motor vehicle that is owned by a resident of an affected county, other than a vehicle that is exempt under paragraph (a)(6) or (a)(7), is subject to inspection under the program.

The Agency shall send notice of the assigned inspection month, at least 15 days before the beginning of the assigned month, to the owner of each vehicle subject to the program. An initial emission inspection sticker or initial inspection certificate, as the case may be, expires on the last day of the third month following the month assigned by the Agency for the first inspection of the vehicle. A renewal inspection sticker or certificate expires on the last day of the third month following the month assigned for inspection in the year in which the vehicle's next inspection is required.

The Agency or its agent may issue an interim emission inspection sticker or certificate for any vehicle subject to inspection that does not have a currently valid emission inspection sticker or certificate at the time the Agency is notified by the Secretary of State of its registration by a new owner, and for which an initial emission inspection sticker or certificate has already been issued. An interim emission inspection sticker or certificate expires no later than the last day of the sixth complete calendar month after the date the Agency issued the interim emission inspection sticker or certificate.

The owner of each vehicle subject to inspection shall obtain an emission inspection sticker or certificate for the vehicle in accordance with this paragraph (1). Before the expiration of the emission inspection sticker or certificate, the owner shall have the vehicle inspected and, upon demonstration of compliance, obtain a renewal emission inspection sticker or certificate. A renewal emission inspection sticker or certificate shall not be issued more than 5 months before the expiration date of the previous inspection sticker or certificate.

(2) Except as provided in paragraph (a)(3), vehicles

shall be inspected every 2 years on a schedule that begins either in the second, fourth, or later calendar year after the vehicle model year. The beginning test schedule shall be set by the Agency and shall be consistent with the State's requirements for emission reductions as determined by the applicable United States Environmental Protection Agency vehicle emissions estimation model and applicable guidance and rules.

(3) A vehicle may be inspected at a time outside of its normal 2-year inspection schedule, if (i) the vehicle was acquired by a new owner and (ii) the vehicle was required to be in compliance with this Act at the time the vehicle was acquired by the new owner, but it was not then in compliance.

(4) The owner of a vehicle subject to inspection shall have the vehicle inspected and shall obtain and display on the vehicle or carry within the vehicle, in a manner specified by the Agency, a valid unexpired emission inspection sticker or certificate in the manner specified by the Agency. A person who violates this paragraph (4) is guilty of a petty offense, except that a third or subsequent violation within one year of the first violation is a Class C misdemeanor. The fine imposed for a violation of this paragraph (4) shall be not less than \$50 if the violation occurred within 60 days following the date by which a new or renewal emission inspection sticker or certificate was required to be obtained for the vehicle, and not less than \$300 if the violation occurred more than 60 days after that date.

(5) For a \$20 fee, to be paid into the Vehicle Inspection Fund, the Agency may inspect:

- (A) A vehicle registered in and subject to the emission inspections requirements of another state.
- (B) A vehicle presented for inspection on a voluntary basis.

Any fees collected under this paragraph (5) shall not offset Motor Fuel Tax Funds normally appropriated for the program.

(6) The following vehicles are not subject to inspection:

- (A) Vehicles not subject to registration under Article IV of Chapter 3 of this Code, other than vehicles owned by the federal government.
- (B) Motorcycles, motor driven cycles, and motorized pedalcycles.

(C) Farm vehicles and implements of husbandry.

(D) Implements of warfare owned by the State or federal government.

(E) Antique vehicles, custom vehicles, street rods, and vehicles of model year 1967 or before.

(F) Vehicles operated exclusively for parade or ceremonial purposes by any veterans, fraternal, or civic organization, organized on a not-for-profit basis.

(G) Vehicles for which the Secretary of State, under Section 3-117 of this Code, has issued a Junking Certificate.

(H) Diesel powered vehicles and vehicles that are powered exclusively by electricity.

(I) Vehicles operated exclusively in organized amateur or professional sporting activities, as defined in Section 3.310 of the Environmental Protection Act.

(J) Vehicles registered in, subject to, and in compliance with the emission inspection requirements of another state.

(K) Vehicles participating in an OBD continuous monitoring program operated in accordance with procedures adopted by the Agency.

(L) Vehicles of model year 1995 or earlier that do not have an expired emissions test sticker or certificate on February 1, 2007.

The Agency may issue temporary or permanent exemption stickers or certificates for vehicles temporarily or permanently exempt from inspection under this paragraph (6). An exemption sticker or certificate does not need to be displayed.

(7) According to criteria that the Agency may adopt, a motor vehicle may be exempted from the inspection requirements of this Section by the Agency on the basis of an Agency determination that the vehicle is located and primarily used outside of the affected counties or in other jurisdictions where vehicle emission inspections are not required. The Agency may issue an annual exemption sticker or certificate without inspection for any vehicle exempted from inspection under this paragraph (7).

(8) Any owner or lessee of a fleet of 15 or more motor vehicles that are subject to inspection under this Section may apply to the Agency for a permit to establish and operate a private official inspection station in accordance with rules adopted by the Agency.

(9) Pursuant to Title 40, Section 51.371 of the Code

of Federal Regulations, the Agency may establish a program of on-road testing of in-use vehicles through the use of remote sensing devices. In any such program, the Agency shall evaluate the emission performance of 0.5% of the subject fleet or 20,000 vehicles, whichever is less. Under no circumstances shall on-road testing include any sort of roadblock or roadside pullover or cause any type of traffic delay. If, during the course of an on-road inspection, a vehicle is found to exceed the on-road emissions standards established for the model year and type of vehicle, the Agency shall send a notice to the vehicle owner. The notice shall document the occurrence and the results of the on-road exceedance. The notice of a second on-road exceedance shall indicate that the vehicle has been reassigned and is subject to an out-of-cycle follow-up inspection at an official inspection station. In no case shall the Agency send a notice of an on-road exceedance to the owner of a vehicle that was found to exceed the on-road emission standards established for the model year and type of vehicle, if the vehicle is registered outside of the affected counties.

(b) Registration Denial Inspection and Notification.

(1) No later than January 1, 2008, every motor vehicle that is owned by a resident of an affected county, other than a vehicle that is exempt under paragraph (b)(8) or (b)(9), is subject to inspection under the program.

The owner of a vehicle subject to inspection shall have the vehicle inspected and obtain proof of compliance from the Agency in order to obtain or renew a vehicle registration for a subject vehicle.

The Secretary of State shall notify the owner of a vehicle subject to inspection of the requirement to have the vehicle tested at least 30 days prior to the beginning of the month in which the vehicle's registration is due to expire. Notwithstanding the preceding, vehicles with permanent registration plates shall be notified at least 30 days prior to the month corresponding to the date the vehicle was originally registered. This notification shall clearly state the vehicle's test status, based upon the vehicle type, model year and registration address.

The owner of each vehicle subject to inspection shall have the vehicle inspected and, upon demonstration of compliance, obtain an emissions compliance certificate for the vehicle.

(2) Except as provided in paragraphs (b)(3), (b)(4),

and (b)(5), vehicles shall be inspected every 2 years on a schedule that begins in the fourth calendar year after the vehicle model year. Even model year vehicles shall be inspected and comply in order to renew registrations expiring in even calendar years and odd model year vehicles shall be inspected and comply in order to renew registrations expiring in odd calendar years.

(3) A vehicle shall be inspected and comply at a time outside of its normal 2-year inspection schedule if (i) the vehicle was acquired by a new owner and (ii) the vehicle had not been issued a Compliance Certificate within one year of the date of application for the title or registration, or both, for the vehicle.

(4) Vehicles with 2-year registrations shall be inspected every 2 years at the time of registration issuance or renewal on a schedule that begins in the fourth year after the vehicle model year.

(5) Vehicles with permanent vehicle registration plates shall be inspected every 2 years on a schedule that begins in the fourth calendar year after the vehicle model year in the month corresponding to the date the vehicle was originally registered. Even model year vehicles shall be inspected and comply in even calendar years, and odd model year vehicles shall be inspected and comply in odd calendar years.

(6) The Agency and the Secretary of State shall endeavor to ensure a smooth transition from test scheduling from the provisions of subsection (a) to subsection (b). Passing tests and waivers issued prior to the implementation of this subsection (b) may be utilized to establish compliance for a period of one year from the date of the emissions or waiver inspection.

(7) For a \$20 fee, to be paid into the Vehicle Inspection Fund, the Agency may inspect:

(A) A vehicle registered in and subject to the emissions inspections requirements of another state.

(B) A vehicle presented for inspection on a voluntary basis.

Any fees collected under this paragraph (7) shall not offset Motor Fuel Tax Funds normally appropriated for the program.

(8) The following vehicles are not subject to inspection:

(A) Vehicles not subject to registration under Article IV of Chapter 3 of this Code, other than vehicles owned by the federal government.

(B) Motorcycles, motor driven cycles, and motorized pedalcycles.

(C) Farm vehicles and implements of husbandry.

(D) Implements of warfare owned by the State or federal government.

(E) Antique vehicles, custom vehicles, street rods, and vehicles of model year 1967 or before.

(F) Vehicles operated exclusively for parade or ceremonial purposes by any veterans, fraternal, or civic organization, organized on a not-for-profit basis.

(G) Vehicles for which the Secretary of State, under Section 3-117 of this Code, has issued a Junking Certificate.

(H) Diesel powered vehicles and vehicles that are powered exclusively by electricity.

(I) Vehicles operated exclusively in organized amateur or professional sporting activities, as defined in Section 3.310 of the Environmental Protection Act.

(J) Vehicles registered in, subject to, and in compliance with the emission inspection requirements of another state.

(K) Vehicles participating in an OBD continuous monitoring program operated in accordance with procedures adopted by the Agency.

(L) Vehicles of model year 1995 or earlier that do not have an expired emissions test sticker or certificate on February 1, 2007.

(M) Vehicles of model year 2006 or earlier with a manufacturer gross vehicle weight rating between 8,501 and 14,000 pounds.

(N) Vehicles with a manufacturer gross vehicle weight rating greater than 14,000 pounds.

The Agency may issue temporary or permanent exemption certificates for vehicles temporarily or permanently exempt from inspection under this paragraph (8). An exemption sticker or certificate does not need to be displayed.

(9) According to criteria that the Agency may adopt, a motor vehicle may be exempted from the inspection requirements of this Section by the Agency on the basis of an Agency determination that the vehicle is located and primarily used outside of the affected counties and in other jurisdictions where vehicle emissions inspections are not required. The Agency may issue an annual exemption certificate without inspection for any vehicle exempted from inspection under this paragraph (9).

(10) Any owner or lessee of a fleet of 15 or more motor vehicles that are subject to inspection under this Section may apply to the Agency for a permit to establish and operate a private official inspection station in accordance with rules adopted by the Agency.

(11) Pursuant to Title 40, Section 51.371 of the Code of Federal Regulations, the Agency may establish a program of on-road testing of in-use vehicles through the use of remote sensing devices. In any such program, the Agency shall evaluate the emission performance of 0.5% of the subject fleet or 20,000 vehicles, whichever is less. Under no circumstances shall on-road testing include any sort of roadblock or roadside pullover or cause any type of traffic delay. If, during the course of an on-road inspection, a vehicle is found to exceed the on-road emissions standards established for the model year and type of vehicle, the Agency shall send a notice to the vehicle owner. The notice shall document the occurrence and the results of the on-road exceedance. The notice of a second on-road exceedance shall indicate that the vehicle has been reassigned and is subject to an out-of-cycle follow-up inspection at an official inspection station. In no case shall the Agency send a notice of an on-road exceedance to the owner of a vehicle that was found to exceed the on-road emissions standards established for the model year and type of vehicle, if the vehicle is registered outside of the affected counties.

(Source: P.A. 97-106, eff. 2-1-12.)

(Text of Section from P.A. 97-412)

Sec. 13C-15. Inspections.

(a) Computer-Matched Inspections and Notification.

(1) The provisions of this subsection (a) are operative until the implementation of the registration denial inspection and notification mechanisms required by subsection (b). Beginning with the implementation of the program required by this Chapter, every motor vehicle that is owned by a resident of an affected county, other than a vehicle that is exempt under paragraph (a)(6) or (a)(7), is subject to inspection under the program.

The Agency shall send notice of the assigned

inspection month, at least 15 days before the beginning of the assigned month, to the owner of each vehicle subject to the program. An initial emission inspection sticker or initial inspection certificate, as the case may be, expires on the last day of the third month following the month assigned by the Agency for the first inspection of the vehicle. A renewal inspection sticker or certificate expires on the last day of the third month following the month assigned for inspection in the year in which the vehicle's next inspection is required.

The Agency or its agent may issue an interim emission inspection sticker or certificate for any vehicle subject to inspection that does not have a currently valid emission inspection sticker or certificate at the time the Agency is notified by the Secretary of State of its registration by a new owner, and for which an initial emission inspection sticker or certificate has already been issued. An interim emission inspection sticker or certificate expires no later than the last day of the sixth complete calendar month after the date the Agency issued the interim emission inspection sticker or certificate.

The owner of each vehicle subject to inspection shall obtain an emission inspection sticker or certificate for the vehicle in accordance with this paragraph (1). Before the expiration of the emission inspection sticker or certificate, the owner shall have the vehicle inspected and, upon demonstration of compliance, obtain a renewal emission inspection sticker or certificate. A renewal emission inspection sticker or certificate shall not be issued more than 5 months before the expiration date of the previous inspection sticker or certificate.

(2) Except as provided in paragraph (a)(3), vehicles shall be inspected every 2 years on a schedule that begins either in the second, fourth, or later calendar year after the vehicle model year. The beginning test schedule shall be set by the Agency and shall be consistent with the State's requirements for emission reductions as determined by the applicable United States Environmental Protection Agency vehicle emissions estimation model and applicable guidance and rules.

(3) A vehicle may be inspected at a time outside of its normal 2-year inspection schedule, if (i) the vehicle was acquired by a new owner and (ii) the vehicle was required to be in compliance with this Act at the time the vehicle was acquired by the new owner, but it was not then in compliance.

(4) The owner of a vehicle subject to inspection shall have the vehicle inspected and shall obtain and display on the vehicle or carry within the vehicle, in a manner specified by the Agency, a valid unexpired emission inspection sticker or certificate in the manner specified by the Agency. A person who violates this paragraph (4) is guilty of a petty offense, except that a third or subsequent violation within one year of the first violation is a Class C misdemeanor. The fine imposed for a violation of this paragraph (4) shall be not less than \$50 if the violation occurred within 60 days following the date by which a new or renewal emission inspection sticker or certificate was required to be obtained for the vehicle, and not less than \$300 if the violation occurred more than 60 days after that date.

(5) For a \$20 fee, to be paid into the Vehicle Inspection Fund, the Agency may inspect:

- (A) A vehicle registered in and subject to the emission inspections requirements of another state.
- (B) A vehicle presented for inspection on a voluntary basis.

Any fees collected under this paragraph (5) shall not offset Motor Fuel Tax Funds normally appropriated for the program.

(6) The following vehicles are not subject to inspection:

- (A) Vehicles not subject to registration under Article IV of Chapter 3 of this Code, other than vehicles owned by the federal government.
- (B) Motorcycles, motor driven cycles, and motorized pedalcycles.
- (C) Farm vehicles and implements of husbandry.
- (D) Implements of warfare owned by the State or federal government.
- (E) Antique vehicles, expanded-use antique vehicles, custom vehicles, street rods, and vehicles of model year 1967 or before.
- (F) Vehicles operated exclusively for parade or ceremonial purposes by any veterans, fraternal, or civic organization, organized on a not-for-profit basis.
- (G) Vehicles for which the Secretary of State, under Section 3-117 of this Code, has issued a Junking Certificate.
- (H) Diesel powered vehicles and vehicles that are powered exclusively by electricity.

(I) Vehicles operated exclusively in organized amateur or professional sporting activities, as defined in Section 3.310 of the Environmental Protection Act.

(J) Vehicles registered in, subject to, and in compliance with the emission inspection requirements of another state.

(K) Vehicles participating in an OBD continuous monitoring program operated in accordance with procedures adopted by the Agency.

(L) Vehicles of model year 1995 or earlier that do not have an expired emissions test sticker or certificate on February 1, 2007.

The Agency may issue temporary or permanent exemption stickers or certificates for vehicles temporarily or permanently exempt from inspection under this paragraph (6). An exemption sticker or certificate does not need to be displayed.

(7) According to criteria that the Agency may adopt, a motor vehicle may be exempted from the inspection requirements of this Section by the Agency on the basis of an Agency determination that the vehicle is located and primarily used outside of the affected counties or in other jurisdictions where vehicle emission inspections are not required. The Agency may issue an annual exemption sticker or certificate without inspection for any vehicle exempted from inspection under this paragraph (7).

(8) Any owner or lessee of a fleet of 15 or more motor vehicles that are subject to inspection under this Section may apply to the Agency for a permit to establish and operate a private official inspection station in accordance with rules adopted by the Agency.

(9) Pursuant to Title 40, Section 51.371 of the Code of Federal Regulations, the Agency may establish a program of on-road testing of in-use vehicles through the use of remote sensing devices. In any such program, the Agency shall evaluate the emission performance of 0.5% of the subject fleet or 20,000 vehicles, whichever is less. Under no circumstances shall on-road testing include any sort of roadblock or roadside pullover or cause any type of traffic delay. If, during the course of an on-road inspection, a vehicle is found to exceed the on-road emissions standards established for the model year and type of vehicle, the Agency shall send a notice to the vehicle owner. The notice shall document the occurrence and the results of the on-road exceedance. The notice of a second on-road exceedance shall indicate that the vehicle has been reassigned and is

subject to an out-of-cycle follow-up inspection at an official inspection station. In no case shall the Agency send a notice of an on-road exceedance to the owner of a vehicle that was found to exceed the on-road emission standards established for the model year and type of vehicle, if the vehicle is registered outside of the affected counties.

(b) Registration Denial Inspection and Notification.

(1) No later than January 1, 2008, every motor vehicle that is owned by a resident of an affected county, other than a vehicle that is exempt under paragraph (b)(8) or (b)(9), is subject to inspection under the program.

The owner of a vehicle subject to inspection shall have the vehicle inspected and obtain proof of compliance from the Agency in order to obtain or renew a vehicle registration for a subject vehicle.

The Secretary of State shall notify the owner of a vehicle subject to inspection of the requirement to have the vehicle tested at least 30 days prior to the beginning of the month in which the vehicle's registration is due to expire. Notwithstanding the preceding, vehicles with permanent registration plates shall be notified at least 30 days prior to the month corresponding to the date the vehicle was originally registered. This notification shall clearly state the vehicle's test status, based upon the vehicle type, model year and registration address.

The owner of each vehicle subject to inspection shall have the vehicle inspected and, upon demonstration of compliance, obtain an emissions compliance certificate for the vehicle.

(2) Except as provided in paragraphs (b)(3), (b)(4), and (b)(5), vehicles shall be inspected every 2 years on a schedule that begins in the fourth calendar year after the vehicle model year. Even model year vehicles shall be inspected and comply in order to renew registrations expiring in even calendar years and odd model year vehicles shall be inspected and comply in order to renew registrations expiring in odd calendar years.

(3) A vehicle shall be inspected and comply at a time outside of its normal 2-year inspection schedule if (i) the vehicle was acquired by a new owner and (ii) the vehicle had not been issued a Compliance Certificate within one year of the date of application for the title or registration, or both, for the vehicle.

(4) Vehicles with 2-year registrations shall be

inspected every 2 years at the time of registration issuance or renewal on a schedule that begins in the fourth year after the vehicle model year.

(5) Vehicles with permanent vehicle registration plates shall be inspected every 2 years on a schedule that begins in the fourth calendar year after the vehicle model year in the month corresponding to the date the vehicle was originally registered. Even model year vehicles shall be inspected and comply in even calendar years, and odd model year vehicles shall be inspected and comply in odd calendar years.

(6) The Agency and the Secretary of State shall endeavor to ensure a smooth transition from test scheduling from the provisions of subsection (a) to subsection (b). Passing tests and waivers issued prior to the implementation of this subsection (b) may be utilized to establish compliance for a period of one year from the date of the emissions or waiver inspection.

(7) For a \$20 fee, to be paid into the Vehicle Inspection Fund, the Agency may inspect:

- (A) A vehicle registered in and subject to the emissions inspections requirements of another state.
- (B) A vehicle presented for inspection on a voluntary basis.

Any fees collected under this paragraph (7) shall not offset Motor Fuel Tax Funds normally appropriated for the program.

(8) The following vehicles are not subject to inspection:

- (A) Vehicles not subject to registration under Article IV of Chapter 3 of this Code, other than vehicles owned by the federal government.
- (B) Motorcycles, motor driven cycles, and motorized pedalcycles.
- (C) Farm vehicles and implements of husbandry.
- (D) Implements of warfare owned by the State or federal government.
- (E) Antique vehicles, expanded-use antique vehicles, custom vehicles, street rods, and vehicles of model year 1967 or before.
- (F) Vehicles operated exclusively for parade or ceremonial purposes by any veterans, fraternal, or civic organization, organized on a not-for-profit basis.
- (G) Vehicles for which the Secretary of State,

under Section 3-117 of this Code, has issued a Junking Certificate.

(H) Diesel powered vehicles and vehicles that are powered exclusively by electricity.

(I) Vehicles operated exclusively in organized amateur or professional sporting activities, as defined in Section 3.310 of the Environmental Protection Act.

(J) Vehicles registered in, subject to, and in compliance with the emission inspection requirements of another state.

(K) Vehicles participating in an OBD continuous monitoring program operated in accordance with procedures adopted by the Agency.

(L) Vehicles of model year 1995 or earlier that do not have an expired emissions test sticker or certificate on February 1, 2007.

The Agency may issue temporary or permanent exemption certificates for vehicles temporarily or permanently exempt from inspection under this paragraph (8). An exemption sticker or certificate does not need to be displayed.

(9) According to criteria that the Agency may adopt, a motor vehicle may be exempted from the inspection requirements of this Section by the Agency on the basis of an Agency determination that the vehicle is located and primarily used outside of the affected counties or in other jurisdictions where vehicle emissions inspections are not required. The Agency may issue an annual exemption certificate without inspection for any vehicle exempted from inspection under this paragraph (9).

(10) Any owner or lessee of a fleet of 15 or more motor vehicles that are subject to inspection under this Section may apply to the Agency for a permit to establish and operate a private official inspection station in accordance with rules adopted by the Agency.

(11) Pursuant to Title 40, Section 51.371 of the Code

of Federal Regulations, the Agency may establish a program of on-road testing of in-use vehicles through the use of remote sensing devices. In any such program, the Agency shall evaluate the emission performance of 0.5% of the subject fleet or 20,000 vehicles, whichever is less. Under no circumstances shall on-road testing include any sort of roadblock or roadside pullover or cause any type of traffic delay. If, during the course of an on-road inspection, a vehicle is found to exceed the on-road emissions standards established for the model year and type of vehicle, the Agency shall send a notice to the vehicle owner. The notice shall document the occurrence and the results of the on-road exceedance. The notice of a second on-road exceedance shall indicate that the vehicle has been reassigned and is subject to an out-of-cycle follow-up inspection at an official inspection station. In no case shall the Agency send a notice of an on-road exceedance to the owner of a vehicle that was found to exceed the on-road emissions standards established for the model year and type of vehicle, if the vehicle is registered outside of the affected counties.

(Source: P.A. 97-412, eff. 1-1-12.)

(625 ILCS 5/13C-20)

Sec. 13C-20. Rules and standards.

(a) The rules and emission standards adopted under subsection (a) of Section 13B-20 of this Code shall apply to the program established under this Chapter and continue in effect until amended or repealed by the Board under this subsection.

The Agency shall propose any other standards necessary to achieve reductions in the emission of hydrocarbons, carbon monoxide, and oxides of nitrogen from motor vehicles subject to inspection under this Chapter. Within 120 days after the Agency proposes those standards, the Board shall adopt any necessary rules establishing standards for the emission of hydrocarbons, carbon monoxide, and oxides of nitrogen from motor vehicles subject to inspection under this Chapter. The rules may be amended from time to time pursuant to Agency proposals. The Board shall set standards necessary to achieve the reductions in vehicle hydrocarbons, carbon monoxide, and oxides of nitrogen emissions, as determined by the applicable vehicle emission estimation model and rules developed by the United States Environmental Protection Agency, that are required by the federal Clean Air Act. A predetermined rate of failure shall not be used in determining standards necessary to achieve the reductions in vehicle hydrocarbons, carbon monoxide, and oxides of nitrogen emissions. The emission standards established by the Board for vehicles of model year 1981 or later shall be identical in substance, as defined in Section 7.2(a) of the Environmental

Protection Act, to the emission standards promulgated by the United States Environmental Protection Agency.

Except as otherwise provided in this subsection, subsection (b) of Section 27 of the Environmental Protection Act and the rulemaking provisions of the Illinois Administrative Procedure Act do not apply to rules adopted by the Board under this subsection. Challenges to the validity of rules adopted by the Board under this subsection or subsection (a) of Section 13B-20 may be brought only by filing a petition for review in the Appellate Court under Section 29 of the Environmental Protection Act within 35 days after the rule is filed with the Secretary of State.

(b) The procedures established by the Agency under subsection (b) of Section 13B-20 of this Code shall apply to the program established under this Chapter and remain in effect until amended or repealed under this subsection. The Agency may at any time amend or repeal those procedures and may establish additional procedures designed to implement this Chapter. (Source: P.A. 94-526, eff. 1-1-06.)

(625 ILCS 5/13C-25)

Sec. 13C-25. Performance of inspections.

(a) Except as provided in subsection (b), the inspection of vehicles required under this Chapter shall be performed only: (i) by inspectors who have been certified by the Agency after successfully completing a course of training and successfully passing a written test; (ii) at official inspection stations, including on-road inspection sites established under this Chapter; and (iii) with equipment that has been approved by the Agency for these inspections.

(b) The requirements of subdivisions (a)(i) and (a)(ii) of this Section do not preclude the performance of inspections (1) at self-service official inspection stations, (2) using Agency-approved wireless communication interfaces, and (3) using systems designed to perform remote on-board diagnostic inspections.

(c) Except as provided in subsection (h), the inspection shall consist of an on-board diagnostic system test. The owner of the vehicle or the owner's agent shall be entitled to an emission inspection certificate issued by the Agency only if all required tests are passed at the time of the inspection.

(d) (Blank).

(e) (Blank).

(f) (Blank).

(g) The on-board diagnostic system test shall consist of accessing the vehicle's on-board computer system, determining the vehicle's readiness status and MIL status, and retrieving any stored diagnostic codes that may be present. The vehicle shall be deemed to have passed this test if the vehicle readiness status indicates that the vehicle's OBD system has completed all required system and component checks, the MIL status is

appropriate, and the diagnostic codes retrieved do not exceed standards set for vehicles of that type under Section 13C-20.

(h) A visual inspection test of the MIL may be substituted for the on-board diagnostic system test on any vehicle for which on-board diagnostic testing is not possible due to the vehicle's originally certified design or its design as modified in accordance with federal law and regulations, and on any vehicle with known on-board diagnostic communications or software problems, as determined by the Agency. The visual inspection test shall consist of verifying the status of the MIL in the key-on/engine off position and the key-on/engine on position. The vehicle shall be deemed to have passed this test if the MIL illuminates briefly during the key-on/engine off position and does not illuminate during the key-on/engine on position.

(Source: P.A. 97-106, eff. 2-1-12.)

(625 ILCS 5/13C-30)

Sec. 13C-30. Waivers.

(a) The Agency shall certify that a vehicle that has failed a vehicle emission retest qualifies for a waiver of the emission inspection standards if all of the following criteria are met:

(1) The vehicle has received all repairs and adjustments for which it is eligible under any emission performance warranty provided under Section 207 of the federal Clean Air Act.

(2) The Agency determines by normal inspection procedures that the vehicle's emission control devices are present and appear to be properly connected and operating.

(3) Consistent with Title 40, Section 51.360 of the Code of Federal Regulations, for vehicles required to be tested under this Chapter, an expenditure of at least \$450 in emission-related repairs (but exclusive of any repairs related to tampering) has been made.

(4) For a vehicle of model year 1981 or later, the repairs were performed by a recognized repair technician.

(5) Evidence of repair is presented, consisting of either (i) signed and dated receipts identifying the vehicle and describing the work performed and the amount charged for the eligible emission-related repairs or (ii) an affidavit executed by the person performing the eligible emission-related repairs.

(b) The Agency may issue an emission inspection certificate to a vehicle failing a retest if a complete documented physical and functional diagnosis and inspection shows that no additional emission-related repairs are needed. This diagnostic inspection must be performed by the Agency or its designated agent and shall be available only to a vehicle owner whose vehicle was repaired by a recognized repair technician.

(c) The Agency may extend the emission inspection certificate expiration date by one year upon receipt of a petition by the vehicle owner that needed repairs cannot be made due to economic hardship. Consistent with Title 40, Section 51.360 of the Code of Federal Regulations, this extension may be granted more than once during the life of the vehicle.

(d) The Agency may issue an emission inspection certificate for a vehicle subject to inspection under this Chapter that is located and primarily used in an area subject to the vehicle inspection requirements of another state. An emission inspection certificate shall be issued under this subsection only upon receipt by the Agency of evidence that the vehicle has been inspected and is in compliance with the emission inspection requirements and standards applicable in the state or local jurisdiction where the vehicle is being used.

(Source: P.A. 94-526, eff. 1-1-06.)

(625 ILCS 5/13C-35)

Sec. 13C-35. Inquiries. The Agency shall develop a means of responding to inquiries from inspectors and members of the public concerning the program, including (i) when inspections are required, (ii) what kind of inspections are required, (iii) whether emission inspection stickers or certificates previously required for a vehicle have been obtained, and (iv) the procedures for resolving disputes concerning inspections.

(Source: P.A. 94-526, eff. 1-1-06.)

(625 ILCS 5/13C-40)

Sec. 13C-40. Grievance and damage claim requirements and procedures.

(a) Emissions inspection and waiver denial grievance procedures.

(1) Any person aggrieved by a decision regarding the

failure of an emissions test or the denial of a waiver may file a petition with the Agency within 30 days after the decision was made, and the Agency shall thereupon investigate the matter. Within 45 days after its receipt of the petition, the Agency shall submit to the petitioner and any affected inspector or station its written determination of the correctness or incorrectness of the decision being grieved. The written determination shall include a statement of the facts relied upon and the legal and technical issues decided by the Agency in making its determination, and may also include an order directing the inspector (i) to issue an emission inspection certificate for the vehicle effective on such date as the Agency may specify, (ii) to reinspect the vehicle, (iii) to apply the standards that the Agency has determined to be applicable, or (iv) to take any other action that the Agency deems to be appropriate. In conducting the investigation, the Agency may require the petitioner to present the vehicle for inspection by the Agency or its designated agent.

(2) The written determination of the Agency shall be subject to review in circuit court in accordance with the provisions of the Administrative Review Law, except that no challenge to the validity of a rule adopted or continued under subsection (a) of Section 13C-20 shall be heard by the circuit court if the challenge could have been raised in a timely petition for review as provided in Section 13C-20.

(b) Vehicle damage claim requirements and procedures.

(1) The contractor shall make vehicle damage claim forms authorized by the Agency available for vehicle owners in sufficient quantities at all official inspection stations.

(2) Notice of the vehicle damage claim procedures and the vehicle owner's rights in relation to a vehicle damage claim shall be conspicuously posted at all official inspection stations.

(3) If a vehicle owner believes that his or her vehicle was damaged by an act or omission of the contractor during or as a result of an emissions inspection performed on or after August 1, 2002, the owner may initiate resolution of the damage claim under this subsection by complying with the following:

(A) Within 30 days of the date of the vehicle

emissions inspection that allegedly caused the vehicle damage, the vehicle owner shall submit a vehicle damage claim to the contractor at the official inspection station at which the vehicle damage allegedly occurred.

(B) Within 30 days of filing the claim, the owner shall submit to the contractor any relevant information relating to the owner's claim for vehicle damage, including but not limited to evaluations conducted by a claims evaluation center or automotive repair shop meeting standards prescribed by the Agency.

(4) The contractor shall promptly notify the Agency of each vehicle damage claim received by the contractor under subdivision (b)(3) and shall forward to the Agency any additional information provided by the owner.

(5) Within 60 days after the filing of a vehicle damage claim, the contractor shall notify the vehicle owner of its proposed resolution of the damage claim.

(6) Within 30 days after receiving the contractor's proposed resolution of the damage claim, the owner may petition the Agency for a review of the adequacy and completeness of the contractor's proposed resolution. The petition shall be in a form specified by the Agency.

(7) Upon receiving a petition for review, the Agency shall request the contractor to deliver to the Agency a copy of the contractor's proposed resolution of the damage claim, together with all documents, videotapes, and information relevant to the damage claim and the proposed resolution. The contractor shall provide the requested materials to the Agency within 15 days of receiving the Agency's request.

(8) Within 30 days after receiving the relevant materials from the contractor, the Agency shall review the materials and determine whether the contractor's proposed resolution of the damage claim is adequate and complete. The Agency may deem the proposed resolution of the damage claim to be adequate and complete. If the Agency does not deem the proposed resolution of the damage claim to be adequate and complete, it may request the contractor to further investigate and evaluate the damage claim and resubmit its proposed resolution of the claim. The contractor shall then have 30 days to respond in writing to the Agency with the results of its further evaluation of the damage claim and its proposed resolution.

(9) The Agency shall notify the vehicle owner in

writing of the result of its review of the adequacy and completeness of the contractor's proposed resolution of the damage claim. Copies of all correspondence between the Agency and the contractor relating to the damage claim shall also be sent to the vehicle owner.

(10) If, after the Agency's review, the vehicle owner still does not agree with all or a portion of the proposed resolution of the damage claim by the contractor, the vehicle owner may further pursue the damage claim through the binding arbitration process established by the contractor and accepted by the Agency, or in circuit court.

(11) The Agency's review of the adequacy and completeness of the contractor's proposed resolution of a damage claim is not binding upon the vehicle owner or the contractor and does not affect the rights of the vehicle owner or the contractor under law. The Agency's review of the adequacy and completeness of the contractor's proposed resolution of a damage claim is not a final action subject to administrative review and is not subject to review by the Pollution Control Board or otherwise appealable.

(Source: P.A. 94-526, eff. 1-1-06.)

(625 ILCS 5/13C-45)

Sec. 13C-45. Contracts.

(a) The Agency may enter into contracts with one or more responsible parties to construct and operate official inspection stations, provide and maintain approved test equipment, administer tests, certify results, issue emission inspection stickers or certificates, maintain records, train personnel, provide information to the public concerning the program, or to otherwise further the goals of this Chapter.

(b) In preparing its proposals for bidding by potential contractors, the Agency shall endeavor to include provisions relating to the following factors:

(1) The demonstrated financial responsibility of the potential contractor.

(2) The specialized experience and technical competence of the potential contractor in connection with the type of services required and the complexity of the project.

(3) The potential contractor's past record of performance on contracts with the Agency, with other government agencies or public bodies, and with private industry, including such items as cost, quality of work, and ability to meet schedules.

(4) The capacity of the potential contractor to

perform the work within the time limitations.

(5) The familiarity of the potential contractor with the types of problems applicable to the project.

(6) The potential contractor's proposed method to accomplish the work required, including where appropriate any demonstrated capability of exploring and developing innovative or advanced techniques and methods.

(7) Avoidance of personal and organizational conflicts of interest prohibited under federal, State, or local law.

(8) The potential contractor's present and prior involvement in the community and in the State of Illinois.

(Source: P.A. 94-526, eff. 1-1-06.)

(625 ILCS 5/13C-50)

Sec. 13C-50. Costs.

(a) Except as otherwise provided in paragraph (a)(5) or (b)(7) of Section 13C-15, no fee shall be charged to motor vehicle owners for obtaining inspections required under this Chapter. The Vehicle Inspection Fund, which is a fund created in the State treasury for the purpose of receiving moneys from the Motor Fuel Tax Fund and other sources, shall be used, subject to appropriation, for the payment of the costs of the program, including reimbursement of those agencies of the State that incur expenses in the administration or enforcement of the program. The Vehicle Inspection Fund shall continue in existence notwithstanding the repeal of Chapter 13B. Any money in the Vehicle Inspection Fund on February 1, 2007, shall be used for the purposes set forth in this Chapter.

(b) The Agency may acquire, own, maintain, operate, sell, lease and otherwise transfer real and personal property and interests in real and personal property for the purpose of creating or operating inspection stations and for any other purpose relating to the administration of this Chapter, and may use money from the Vehicle Inspection Fund for these purposes.

(Source: P.A. 94-526, eff. 1-1-06; 94-848, eff. 6-9-06.)

(625 ILCS 5/13C-55)

Sec. 13C-55. Enforcement.

(a) Computer-Matched Enforcement.

(1) The provisions of this subsection (a) are

operative until the implementation of the registration denial enforcement mechanism required by subsection (b). The Agency shall cooperate in the enforcement of this Chapter by (i) identifying probable violations through computer matching of vehicle registration records and inspection records; (ii) sending one notice to each suspected violator identified through such matching, stating that registration and inspection records indicate that the vehicle owner has not complied with this Chapter; (iii) directing the vehicle owner to notify the Agency or the Secretary of State if he or she has ceased to own the vehicle or has changed residence; and (iv) advising the vehicle owner of the consequences of violating this Chapter.

The Agency shall cooperate with the Secretary of State in the administration of this Chapter and the related provisions of Chapter 3, and shall provide the Secretary of State with such information as the Secretary of State may deem necessary for these purposes, including regular and timely access to vehicle inspection records.

The Secretary of State shall cooperate with the Agency in the administration of this Chapter and shall provide the Agency with such information as the Agency may deem necessary for the purposes of this Chapter, including regular and timely access to vehicle registration records. Section 2-123 of this Code does not apply to the provision of this information.

(2) The Secretary of State shall suspend either the driving privileges or the vehicle registration, or both, of any vehicle owner who has not complied with this Chapter, if (i) the vehicle owner has failed to satisfactorily respond to the one notice sent by the Agency under paragraph (a)(1), and (ii) the Secretary of State has mailed the vehicle owner a notice that the suspension will be imposed if the owner does not comply within a stated period, and the Secretary of State has not received satisfactory evidence of compliance within that period. The Secretary of State shall send this notice only after receiving a statement from the Agency that the vehicle owner has failed to comply with this Section. Notice shall be effective as specified in subsection (c) of Section 6-211 of this Code.

A suspension under this paragraph (a)(2) shall not

be terminated until satisfactory proof of compliance has been submitted to the Secretary of State. No driver's license or permit, or renewal of a license or permit, may be issued to a person whose driving privileges have been suspended under this Section until the suspension has been terminated. No vehicle registration or registration plate that has been suspended under this Section may be reinstated or renewed, or transferred by the owner to any other vehicle, until the suspension has been terminated.

(b) Registration Denial Enforcement.

(1) No later than January 1, 2008, and consistent with Title 40, Part 51, Section 51.361 of the Code of Federal Regulations, the Agency and the Secretary of State shall design, implement, maintain, and operate a registration denial enforcement mechanism to ensure compliance with the provisions of this Chapter, and cooperate with other State and local governmental entities to effectuate its provisions. Specifically, this enforcement mechanism shall contain, at a minimum, the following elements:

(A) An external, readily visible means of determining vehicle compliance with the registration requirement to facilitate enforcement of the program;

(B) A biennial schedule of testing that clearly determines when a vehicle shall comply prior to registration;

(C) A testing certification mechanism (either paper-based or electronic) that shall be used for registration purposes and clearly states whether the certification is valid for purposes of registration, including:

(i) Expiration date of the certificate;

(ii) Unambiguous vehicle identification information; and

(iii) Whether the vehicle passed or received a waiver;

(D) A commitment to routinely issue citations to motorists with expired or missing license plates, with either no registration or an expired registration, and with no license plate decals or expired decals, and provide for enforcement officials other than police to issue citations (e.g., parking meter attendants) to parked vehicles in noncompliance;

(E) A commitment to structure the penalty system

to deter noncompliance with the registration requirement through the use of mandatory minimum fines (meaning civil, monetary penalties) constituting a meaningful deterrent and through a requirement that compliance be demonstrated before a case can be closed;

(F) Ensurance that evidence of testing is available and checked for validity at the time of a new registration of a used vehicle or registration renewal;

(G) Prevention of owners or lessors from avoiding testing through manipulation of the title or registration system; title transfers may re-start the clock on the inspection cycle only if proof of current compliance is required at title transfer;

(H) Prevention of the fraudulent initial classification or reclassification of a vehicle from subject to non-subject or exempt by requiring proof of address changes prior to registration record modification, and documentation from the testing program (or delegate) certifying based on a physical inspection that the vehicle is exempt;

(I) Limiting and tracking of the use of time extensions of the registration requirement to prevent repeated extensions;

(J) Providing for meaningful penalties for cases of registration fraud;

(K) Limiting and tracking exemptions to prevent abuse of the exemption policy for vehicles claimed to be out-of-state; and

(L) Encouraging enforcement of vehicle registration transfer requirements when vehicle owners move into the affected counties by coordinating with local and State enforcement agencies and structuring other activities (e.g., driver's license issuance) to effect registration transfers.

(2) The Agency shall cooperate in the enforcement of this Chapter by providing the owner or owners of complying vehicles with a Compliance Certificate stating that the vehicle meets all applicable requirements of this Chapter.

The Agency shall cooperate with the Secretary of State in the administration of this Chapter and the related provisions of Chapter 3, and shall provide the Secretary of State with such information as the Secretary of State may deem necessary for these purposes, including regular and timely access to vehicle inspection records.

The Secretary of State shall cooperate with the

Agency in the administration of this Chapter and shall provide the Agency with such information as the Agency may deem necessary for the purposes of this Chapter, including regular and timely access to vehicle registration records. Section 2-123 of this Code does not apply to the provision of this information.

(3) Consistent with the requirements of Section 13C-15, the Secretary of State shall not renew any vehicle registration for a subject vehicle that has not complied with this Chapter. Additionally, the Secretary of State shall not allow the issuance of a new registration nor allow the transfer of a registration to a subject vehicle that has not complied with this Chapter.

(4) The Secretary of State shall suspend the registration of any vehicle which has permanent vehicle registration plates that has not complied with the requirements of this Chapter. A suspension under this paragraph (4) shall not be terminated until satisfactory proof of compliance has been submitted to the Secretary of State. No permanent vehicle registration plate that has been suspended under this Section may be reinstated or renewed, or transferred by the owner to any other vehicle, until the suspension has been terminated.

(Source: P.A. 94-526, eff. 1-1-06; 94-848, eff. 6-9-06.)

(625 ILCS 5/13C-60)

Sec. 13C-60. Other offenses.

(a) Any person who knowingly displays an emission inspection or exemption certificate for any vehicle other than the one for which the certificate was lawfully issued in accordance with the provisions of this Chapter, or duplicates, alters, uses, possesses, issues, or distributes any emission inspection or exemption certificate, or facsimile thereof, except in accordance with the provisions of this Chapter and the rules and regulations adopted hereunder, is guilty of a Class C misdemeanor.

(b) A vehicle owner shall pay a monetary fine equivalent to the test fee plus the applicable waiver repair expenditure for the continued operation of a non-complying vehicle beyond 4 months past the expiration of the vehicle emission inspection certificate. Any fines collected under this Section shall be divided equally between the local jurisdiction issuing the citation and the Vehicle Inspection Fund.

(Source: P.A. 94-526, eff. 1-1-06; 94-848, eff. 6-9-06.)

(625 ILCS 5/13C-75)

Sec. 13C-75. Home rule. The vehicle emission inspection program created by this Chapter is hereby declared to be the subject of exclusive State

jurisdiction. Pursuant to subsection (h) of Section 6 of Article VII of the Illinois Constitution, the exercise by a home rule unit of any power that is inconsistent with this Chapter is hereby specifically denied and preempted.

(Source: P.A. 94-526, eff. 1-1-06.)

Attachment 2

EMISSION STANDARDS AND LIMITATIONS
FOR MOBILE SOURCES
(35 Ill. Adm. Code 240)
(full amended version effective February 1, 2012)

TITLE 35: ENVIRONMENTAL PROTECTION
SUBTITLE B: AIR POLLUTION
CHAPTER I: POLLUTION CONTROL BOARD
SUBCHAPTER k: EMISSION STANDARDS AND LIMITATIONS FOR MOBILE
SOURCES

PART 240
MOBILE SOURCES

SUBPART A: DEFINITIONS AND GENERAL PROVISIONS

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240.101	Preamble
240.102	Definitions
240.103	Prohibitions
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240.105	Penalties
240.106	Determination of Violation
240.107	Incorporations by Reference

SUBPART B: EMISSIONS

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240.121	Smoke Emissions
240.122	Diesel Engine Emissions Standards for Locomotives
240.123	Liquid Petroleum Gas Fuel Systems
240.124	Vehicle Exhaust Emission Standards (Repealed)
240.125	Compliance Determination (Repealed)

**SUBPART C: SMOKE OPACITY STANDARDS AND TEST PROCEDURES FOR DIESEL-
POWERED HEAVY DUTY VEHICLES**

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240.140	Applicability
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SUBPART D: STEADY-STATE IDLE MODE TEST EMISSION STANDARDS

Section	
240.151	Applicability
240.152	Steady-State Idle Mode Vehicle Exhaust Emission Standards
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SUBPART E: TRANSIENT LOADED MODE TEST EMISSION STANDARDS

Section

240.161	Applicability (Repealed)
240.162	Vehicle Exhaust Emission Start-Up Standards (Repealed)
240.163	Vehicle Exhaust Emission Final Standards (Repealed)
240.164	Vehicle Exhaust Emission Fast-Pass Standards (Repealed)
240.165	Compliance Determination (Repealed)

SUBPART F: EVAPORATIVE TEST STANDARDS

Section

240.171	Applicability
240.172	Evaporative System Integrity Test Standards
240.173	Evaporative System Purge Test Standards (Repealed)

SUBPART G: ON-ROAD REMOTE SENSING TEST EMISSION STANDARDS

Section

240.181	Applicability
240.182	On-Road Remote Sensing Emission Standards
240.183	Compliance Determination

SUBPART H: ON-BOARD DIAGNOSTIC TEST STANDARDS

Section

240.191	Applicability
240.192	On-Board Diagnostic Test Standards
240.193	Compliance Determination

SUBPART I: VISUAL INSPECTION TEST STANDARDS

Section

240.201	Applicability
240.202	Visual Inspection Test Standards
240.203	Compliance Determination

240.APPENDIX A	Rule into Section Table
240.APPENDIX B	Section into Rule Table
240.TABLE A	Vehicle Exhaust Emission Start-Up Standards (Repealed)
240.TABLE B	Vehicle Exhaust Emission Final Standards (Repealed)
240.TABLE C	Vehicle Exhaust Emission Fast-Pass Standards (Repealed)

AUTHORITY: Implementing Sections 9 and 10 and authorized by Sections 27 and 28 of the Environmental Protection Act [415 ILCS 5/9, 10, 27, and 28] and Section 13C-20 of the Vehicle Emissions Inspection Law of 2005 [625 ILCS 5/13C-20].

SOURCE: Adopted as Chapter 2: Air Pollution, Part VII: Mobile Sources, filed and effective April 14, 1972; codified at 7 Ill. Reg. 13628; amended in R85-25, at 10 Ill. Reg. 11277, effective June 16, 1986; amended in R90-20 at 16 Ill. Reg. 6184, effective April 7, 1992; amended in R94-20 at 18 Ill. Reg. 18013, effective December 12, 1994; amended in R94-19 at 18 Ill. Reg. 18228, effective December 20, 1994; amended in R98-24 at 22 Ill. Reg. 13723, effective July 13, 1998; expedited correction at 22 Ill. Reg. 21120, effective July 13, 1998; amended in R01-12 at 24 Ill. Reg. 19188, effective December 18, 2000; amended in R01-8 at 25 Ill. Reg. 3680, effective February 26, 2001; amended in R02-8 at 25 Ill. Reg. 16379, effective December 18, 2001; amended in R11-19 at 35 Ill. Reg. 5552, effective March 18, 2011; amended in R12-12 at 36 Ill. Reg. 1066, effective February 1, 2012.

NOTE: Capitalization denotes statutory language.

SUBPART A: DEFINITIONS AND GENERAL PROVISIONS

Section 240.101 Preamble

As the state of knowledge and technology relating to the control of emissions from motor vehicles advances, and in furtherance of the purposes of the Environmental Protection Act [415 ILCS 5] (Act), the Pollution Control Board (Board) shall provide by rules and regulations for the control of emissions from motor vehicles. Such rules and regulations shall prescribe requirements for the installation and use of equipment designed to reduce or eliminate emissions and for the proper maintenance of such equipment and of vehicles. Any rules and regulations promulgated pursuant to this Section shall be consistent with provisions of federal law, if any, relating to control of emissions from the vehicles concerned.

(Source: Amended at 18 Ill. Reg. 18228, effective December 20, 1994)

Section 240.102 Definitions

All terms that appear in this Part have the definitions specified in this Section, the Vehicle Emissions Inspection Law of 2005 [625 ILCS 5/13C], and 35 Ill. Adm. Code 201 and 211. When conflicting definitions occur between this Section and 35 Ill. Adm. Code 201 or 211, the definitions of this Section apply in this Part.

“Agency” means the Illinois Environmental Protection Agency.

“Diesel engine” means all types of internal-combustion engines in which air is compressed to a temperature sufficiently high to ignite fuel injected directly into the cylinder area.

“Diesel locomotive” means a diesel engine vehicle designed to move cars on a railway.

“Evaporative system integrity test” means a test of a vehicle’s evaporative system. The test shall either consist of a leak check of a vehicle’s fuel cap with a fuel cap pressure decay tester (fuel cap pressure decay test), a fuel cap leak flow tester (fuel cap leak flow test), or a visual functional check, as applicable.

“Fuel cap” means a device used to seal a vehicle’s fuel inlet.

“Fuel cap leak flow test” means a test which may be performed in accordance with this Part on a vehicle’s fuel cap using a fuel cap leak flow tester to determine whether the vehicle complies with the evaporative system emission standards of this Part.

“Fuel cap leak flow tester” means a device used to determine the leak flow integrity of a vehicle’s fuel cap by comparing the measured leak flow of the fuel cap with an established fuel cap leak flow standard.

“Fuel cap pressure decay test” means the test performed in accordance with this Part on a vehicle’s fuel cap using a fuel cap pressure decay tester to determine whether the vehicle complies with the evaporative system emission standards of this Part.

“Fuel cap pressure decay tester” means a device used to determine the pressure decay integrity of a vehicle’s fuel cap by monitoring the pressure behind the fuel cap for a ten second period and comparing the measured pressure decay of the fuel cap to an established fuel cap pressure decay standard.

“Fuel cap visual functional test” means the test performed in accordance with this Part on a vehicle’s fuel cap using visual analysis to determine whether the vehicle complies with the evaporative system emission standards of this Part.

“Gross vehicle weight rating” or “GVWR” means the value specified by the manufacturer as the maximum design loaded weight of a single vehicle.

“Heavy duty vehicle” means any motor vehicle rated at more than 8500 pounds GVWR or that has a vehicle curb weight of more than 6000 pounds or that has a basic vehicle frontal area in excess of 45 square feet.

“High idle” means a vehicle operating condition with engine disconnected from an external load (placed in either neutral or park) and operating at speed of 2500 ± 300 RPM.

“Idle mode” means that portion of a vehicle emission test procedure conducted with the engine disconnected from an external load and operating at minimum throttle.

“Initial idle mode” means the first of up to two idle mode sampling periods during a steady-state idle mode test, during which exhaust emission measurements are made with the vehicle in “as-received” condition.

“Light duty truck 1” means a motor vehicle rated at 6000 pounds maximum GVWR or less and which has a vehicle frontal area of 45 square feet or less, and which is designed primarily for purposes of transportation of property or is a derivation of such a vehicle, or is designed primarily for transportation of persons and has a capacity of more than 12 persons, or is available with special features enabling off-street or off-highway operation and use.

“Light duty truck 2” means a motor vehicle rated between 6001 and 8500 pounds maximum GVWR and which has a vehicle frontal area of 45 square feet or less, and which is designed primarily for purposes of transportation of property or is a derivation of such a vehicle, or is designed primarily for transportation of persons and has a capacity of more than 12 persons, or is available with special features enabling off-street or off-highway operation and use.

“Light duty vehicle” means a passenger car or passenger car derivative capable of seating 12 passengers or fewer.

“Measured values” means five-second running averages of exhaust emission concentrations sampled at a minimum rate of twice per second.

“Model year” means the year of manufacture of a motor vehicle based upon the annual production period as designated by the manufacturer and indicated on the title and registration of the vehicle. If the manufacturer does not designate a production period for the vehicle, then "model year" means the calendar year of manufacture.

“Motor vehicle”, as used in this Part, shall have the same meaning as in Section 1-146 of the Illinois Vehicle Code [625 ILCS 5/1-146].

“Opacity” means the percentage of light transmitted from a source that is prevented from reaching a light detector.

“Preconditioning mode” means a period of steady-state high-idle operation conducted to ensure that the engine and emissions control system components are operating at normal operating temperatures, thus minimizing false failures caused by improper or insufficient warm-up.

“Second-chance idle mode” means the second of two idle mode sampling periods during a steady-state idle mode test, preceded by a preconditioning mode and utilized as a second chance to pass idle exhaust emission standards immediately following an initial idle mode failure.

“Snap-acceleration test” means a test to measure exhaust smoke opacity from heavy-duty diesel powered vehicles in accordance with the SAE J1667 procedure, incorporated by reference at Section 240.107 of this Subpart.

“Steady-state idle test” means a vehicle emission test procedure consisting of an initial idle mode measurement of exhaust emissions followed, if necessary, by a loaded or-high idle preconditioning mode and a second-chance idle mode.

“Vehicle curb weight” means the actual vehicle weight plus standard equipment and a full fuel tank.

“Visual inspection test” means a visual examination of a vehicle’s malfunction indicator lamp (MIL) consisting of verifying the status of the MIL in the key-on/engine off position followed by verifying the status of the MIL in the key-on/engine on position to determine the status of the MIL and existence of an emission related malfunction with the vehicle.

(Source: Amended at 36 Ill. Reg. 1066, effective February 1, 2012)

Section 240.103 Prohibitions

Except as permitted or authorized by law, no person shall fail to maintain in good working order or remove, dismantle or otherwise cause to be inoperative any equipment or feature constituting an operational element of the air pollution control systems or mechanisms of a motor vehicle as required by rules or regulations of the Board and the United States Environmental Protection Agency to be maintained in or on the vehicle.

Section 240.104 Inspection

- a) All motor vehicles subject to inspection pursuant to Section 13C-15 of the Vehicle Emissions Inspection Law of 2005 [625 ILCS 5/13C-15] shall comply with applicable vehicle emission standards contained in Sections 240.152, 240.172, 240.182, 240.192, and 240.202 of this Part.
- b) All diesel-powered vehicles subject to inspection pursuant to Section 13-109.1 of the Illinois Vehicle Code [625 ILCS 5/13-109.1] must comply with applicable smoke opacity standards set forth in Section 240.141(a) of this Part.

(Source: Amended at 36 Ill. Reg. 1066, effective February 1, 2012)

Section 240.105 Penalties

- a) Any violations of Sections 240.103, 240.121, 240.122, or 240.123 of this Part shall be subject to the penalties as set forth in Section 42 of the Act [415 ILCS 5/42].
- b) Any violations of Sections 240.104(b), 240.152, 240.172, 240.182, 240.192, or 240.202 of this Part, as applicable, shall be subject to the penalties as set forth in Sections 13C-55 and 13C-60 of the Vehicle Emissions Inspection Law [625 ILCS 5/13C-55 and 13C-60].
- c) Any violation of Section 240.141(a) of this Part will be subject to penalties as set forth in Section 13-109.1 of the Illinois Vehicle Code [625 ILCS 5/13-109.1].

(Source: Amended at 36 Ill. Reg. 1066, effective February 1, 2012)

Section 240.106 Determination of Violation

- a) Any violations of Sections 240.103, 240.121, 240.122, or 240.123 of this Part shall be determined by visual observation or by a test procedure employing an opacity measurement system as qualified by 35 Ill. Adm. Code 201, Subpart J.
- b) Any violations of Sections 240.152, 240.172, 240.182, 240.192, or 240.202 of this Part, as applicable, shall be determined in accordance with test procedures adopted by the Agency in 35 Ill. Adm. Code 276.
- c) Any violation of Section 240.141(a) of this Part will be determined in accordance with test procedures set forth in Section 240.141(b) of this Part.

(Source: Amended at 36 Ill. Reg. 1066, effective February 1, 2012)

Section 240.107 Incorporations by Reference

The following material is incorporated by reference and includes no later editions or amendments:

Society of Automotive Engineers (SAE), 400 Commonwealth Drive, Warrendale, PA 15096-0001, www.sae.org: Report J1667 Snap-Acceleration Smoke Test Procedure for Heavy-Duty Diesel Powered Vehicles (February 1996).

(Source: Amended at 35 Ill. Reg. 5552, effective March 18, 2011)

SUBPART B: EMISSIONS

Section 240.121 Smoke Emissions

- a) There shall be no visible emissions of smoke from a motor vehicle, zero opacity.
- b) Motor vehicles traveling Illinois public highways from out of State must comply with subsection (a).
- c) No used motor vehicle shall be sold or transferred in Illinois unless that said vehicle meets subsection (a).

Section 240.122 Diesel Engine Emission Standards for Locomotives

- a) No person shall cause or allow the emission of smoke from any diesel locomotive in the State of Illinois to exceed thirty percent (30%) opacity.
- b) Subsection (a) shall not apply to:
 - 1) Smoke resulting from starting a cold locomotive: for a period of time not to exceed 30 minutes.
 - 2) Smoke emitted while accelerating under load from a throttle setting other than idle to a higher throttle setting: for a period of time not to exceed 40 seconds.
 - 3) Smoke emitted upon locomotive loading following idle: for a period of time not to exceed 2 minutes.
 - 4) Smoke emitted during locomotive testing, maintenance, adjustment, rebuilding, repairing or breaking in: for a period of time not to exceed 3 consecutive minutes and an aggregate of 10 minutes in any 60 minute period.
 - 5) Smoke emitted by a locomotive which because of its age or design makes replacement or retrofit parts necessary to achieve smoke reduction unavailable. These locomotives shall be retired at the earliest possible time.

(Source: Amended in R90-20 at 16 Ill. Reg. 6184, effective April 7, 1992.)

Section 240.123 Liquid Petroleum Gas Fuel Systems

- a) Motor vehicles which are solely fueled with liquid petroleum gas shall have excess air injection systems made inoperative, where such systems are installed by the vehicle manufacturers.
- b)
 - 1) Motor vehicles which operate on liquid petroleum gas or gasoline fuels alternately, in dual fuel systems, shall have excess air injection systems inoperative when operating on liquid petroleum, gas where excess air injection systems are installed by the vehicle manufacturers.
 - 2) Motor vehicles which operate on liquid petroleum gas or gasoline fuels alternately in a dual fuel system, shall have excess air injection systems operational when operating on gasoline, where excess air injection systems are installed by the vehicle manufacturers.
 - 3) Motor vehicles which operate on liquid petroleum gas or gasoline fuels alternately in a dual fuel system, shall have the intake manifold heat riser system to the carburetor operational at all times when the motor vehicles are operating.

Section 240.124 Vehicle Exhaust Emission Standards (Repealed)

(Source: Repealed at 24 Ill. Reg. 19188, effective December 18, 2000)

Section 240.125 Compliance Determination (Repealed)

(Source: Repealed at 24 Ill. Reg. 19188, effective December 18, 2000)

SUBPART C: HEAVY-DUTY DIESEL SMOKE OPACITY STANDARDS AND TEST PROCEDURES

Section 240.140 Applicability

This Subpart applies to all on-road, diesel-powered heavy duty operating in the State of Illinois.

(Source: Amended at 25 Ill. Reg.3680, effective February 26, 2001)

Section 240.141 Smoke Opacity Standards and Test Procedures for Diesel-Powered Heavy Duty Vehicles

- a) Diesel-powered heavy duty vehicles described in Section 240.140 of this Subpart are subject to the following smoke opacity standards:

- 1) Diesel-powered heavy duty vehicles that are model year ~~No~~1991 or newer must not exceed forty percent peak smoke opacity when tested in accordance with subsection (b) of this Section.
- 2) Except as set forth in subsection (a)(3) of this Section, diesel-powered heavy duty vehicles that are model year 1990 or older must not exceed fifty-five percent peak smoke opacity when tested in accordance with subsection (b) of this Section.
- 3) Until December 31, 2002, diesel-powered heavy duty vehicles that are model year 1973 or older must not exceed seventy percent peak smoke opacity when tested in accordance with subsection (b) of this Section. Beginning on January 1, 2003, diesel-powered heavy duty vehicles that are model year 1973 or older must not exceed fifty-five percent peak smoke opacity when tested in accordance with subsection (b) of this Section.
 - b) Test procedures and equipment for measuring peak smoke opacity from diesel-powered heavy duty vehicles must be in accordance with the Society of Automotive Engineer's (SAE) Recommended Practice J1667, "Snap-Acceleration Smoke Test Procedure for Heavy-Duty Diesel Powered Vehicles," (February 1996), incorporated by reference in Section 240.107 of this Part.

BOARD NOTE: The Illinois Department of Transportation also addresses the use of diesel smoke test procedures in 92 Ill. Adm. Code 460.

(Source: Amended at 25 Ill. Reg.3680, effective February 26, 2001)

SUBPART D: STEADY-STATE IDLE MODE TEST EMISSION STANDARDS

Section 240.151 Applicability

This Subpart is effective through January 31, 2012. The standards of this Subpart apply to those vehicles identified in subsection 13C-25(d) of the Vehicle Emissions Inspection Law of 2005.

(Source: Amended at 36 Ill. Reg. 1066, effective February 1, 2012)

Section 240.152 Steady-State Idle Mode Vehicle Exhaust Emission Standards

- a) Exhaust emissions from light duty vehicles shall not exceed the following limitations:

Model Year	Carbon Monoxide (%)	Hydrocarbons as Hexane (ppm)
1996 and newer	1.2	220

- b) Exhaust emissions from light duty trucks 1 and light duty trucks 2 shall not exceed the following limitations:

Model Year	Carbon Monoxide (%)	Hydrocarbons as Hexane (ppm)
1996 and newer	1.2	220

- c) Exhaust emissions from heavy duty vehicles shall not exceed the following limitations:

Model Year	Carbon Monoxide (%)	Hydrocarbons as Hexane (ppm)
1996 and newer	3.0	300

(Source: Amended at 35 Ill. Reg.5552, effective March 18, 2011)

Section 240.153 Compliance Determination

Compliance shall be determined based upon the measurement of exhaust emissions using the steady-state idle test while the vehicle to be tested is operating in the idle mode. The vehicle shall pass exhaust emissions inspection if at any time during the initial idle mode or second-chance idle mode of the steady-state idle test the measured values are at or below the applicable limits of Section 240.152 of this Subpart. Vehicles failing the initial idle mode shall undergo a high idle preconditioning mode and receive a second-chance idle mode unless no measured values less than 1800 ppm HC are obtained within an elapsed time of 30 seconds.

(Source: Amended at 35 Ill. Reg.5552, effective March 18, 2011)

SUBPART E: TRANSIENT LOADED MODE TEST EMISSION STANDARDS

Section 240.161 Applicability (Repealed)

(Source: Repealed at 35 Ill. Reg.5552, effective March 18, 2011)

Section 240.162 Vehicle Exhaust Emission Start-Up Standards (Repealed)

(Source: Repealed at 35 Ill. Reg.5552, effective March 18, 2011)

Section 240.163 Vehicle Exhaust Emission Final Standards (Repealed)

(Source: Repealed at 35 Ill. Reg.5552, effective March 18, 2011)

Section 240.164 Vehicle Exhaust Emission Fast-Pass Standards (Repealed)

(Source: Repealed at 35 Ill. Reg.5552, effective March 18, 2011)

Section 240.165 Compliance Determination (Repealed)

(Source: Repealed at 35 Ill. Reg.5552, effective March 18, 2011)

SUBPART F: EVAPORATIVE TEST STANDARDS

Section 240.171 Applicability

This Subpart is effective through January 31, 2012. The standards of this Subpart apply to those vehicles identified in subsection 13C-25(d) of the Vehicle Emissions Inspection Law of 2005.

(Source: Amended at 36 Ill. Reg. 1066, effective February 1, 2012)

Section 240.172 Evaporative System Integrity Test Standards

Vehicles subject to evaporative system integrity testing shall fail the evaporative system integrity test if one of the following occurs:

- a) Fuel Cap Pressure Decay Standards - While tested using the fuel cap pressure decay tester, the pressure decays by 6 inches of water or more during a 10 second period after being pressurized to 28 ± 1 inches of water column;
- b) Fuel Cap Leak Flow Test Standards - While tested using the fuel cap leak flow tester, the fuel cap leak flow rate exceeds 60 cc/min at a pressure of 30 ± 1 inches of water column. Determination will be made by comparing the fuel cap's measured leak flow rate with the flow rate obtained from a calibrated master orifice with a National Institute of Standards and Technology traceable flow rate which will result in a pass/fail flow rate threshold of 60 cc/min of air at 30 ± 1 inches of water column;
- c) Visual Functional Test Standards - While tested using the visual functional test, an inspection of the fuel cap reveals one or more of the following:
 - 1) a missing fuel cap;
 - 2) a missing or damaged o-ring, gasket, or seal;

- 3) missing or damaged threads, flanges, prongs, or other parts used to secure the fuel cap to the fuel tank filler neck; and/or
- 4) cracks, holes, or other visible forms of tampering or damage.

(Source: Amended at 22 Ill. Reg. 13723, effective July 13, 1998)

Section 240.173 Evaporative System Purge Test Standards (Repealed)

(Source: Repealed at 22 Ill. Reg. 13723, effective July 13, 1998)

SUBPART G: ON-ROAD REMOTE SENSING TEST EMISSION STANDARDS

Section 240.181 Applicability

The standards of this Subpart apply to those vehicles tested pursuant to subsection 13C-15(b)(11) of the Vehicle Emissions Inspection Law of 2005

(Source: Amended at 35 Ill. Reg.5552, effective March 18, 2011)

Section 240.182 On-Road Remote Sensing Emission Standards

Exhaust emissions shall not exceed the following limitations:

Model Year	Hydrocarbons (ppm)	Carbon Monoxide (%)
1996 and newer	400	2.0

(Source: Amended at 35 Ill. Reg.5552, effective March 18, 2011)

Section 240.183 Compliance Determination

Compliance shall be determined based upon the measurement of exhaust emissions using the on-road remote sensing test procedures adopted by the Agency. If, during the course of on-road inspections, a vehicle is found to exceed the on-road remote sensing emission standards specified in Section 240.182 for the model year and type of vehicle, the Agency shall send a notice to the vehicle owner of the violation, which notice will include the time and location of the reading. The notice of a second on-road remote sensing exceedence shall, in addition to the information contained in the first notice, indicate that the vehicle has been reassigned and is subject to an out-of-cycle follow-up inspection at an official inspection station. In no case shall the Agency send a notice of an on-road exceedence to the owner of a vehicle that was found to exceed the on-road remote sensing emission standards if the vehicle is registered outside the affected counties.

(Source: Added at 22 Ill. Reg. 13723, effective July 13, 1998)

SUBPART H: ON-BOARD DIAGNOSTIC TEST STANDARDS

Section 240.191 Applicability

The standards of this Subpart apply to those vehicles tested pursuant to subsection 13C-25(c) of the Vehicle Emissions Inspection Law of 2005.

(Source: Amended at 35 Ill. Reg.5552, effective March 18, 2011)

Section 240.192 On-Board Diagnostic Test Standards

Vehicles subject to on-board diagnostic testing shall fail the on-board diagnostic test if one of the following occurs:

- a) the vehicle connector is missing, has been tampered with, or is otherwise inoperable; or
- b) the malfunction indicator light is commanded to be illuminated and it is not visually illuminated according to visual inspection; or
- c) the malfunction indicator light is commanded to be illuminated for any on-board diagnostic trouble codes; or
- d) the malfunction indicator light (MIL) does not illuminate at all when the vehicle is in the key-on/engine-off condition.

(Source: Amended at 25 Ill. Reg. 16379, effective December 18, 2001)

Section 240.193 Compliance Determination

Compliance shall be determined based upon the inspection of the on-board diagnostic vehicle connector, malfunction indicator light, and electronic retrieval of data stored in the vehicle's on-board diagnostic system using the on-board diagnostic test procedures adopted by the Agency in 35 Ill. Adm. Code 276.

(Source: Amended at 25 Ill. Reg. 16379, effective December 18, 2001)

SUBPART I: VISUAL INSPECTION TEST STANDARDS

Section 240.201 Applicability

This Subpart is applicable beginning February 1, 2012. The standards of this Subpart apply to those vehicles tested pursuant to Section 13C-25(h) of the Vehicle Emissions Inspection Law of 2005.

(Source: Added at 36 Ill. Reg. 1066, effective February 1, 2012)

Section 240.202 Visual Inspection Test Standards

Vehicles subject to visual inspection testing shall fail the visual inspection test if the MIL does not illuminate in the key-on/engine off position or continuously illuminates in the key-on/engine on position.

(Source: Added at 36 Ill. Reg. 1066, effective February 1, 2012)

Section 240.203 Compliance Determination

Compliance shall be determined based upon a visual examination of the MIL using the visual inspection test procedures adopted by the Agency in 35 Ill. Adm. Code 276.

(Source: Added at 36 Ill. Reg. 1066, effective February 1, 2012)

Appendix A Rule into Section Table

RULE	SECTION
701	240.101
702	240.102
703	240.103
704	240.104
705	240.105
706	240.121
707	240.122
708	240.123
709	240.106

Appendix B Section into Rule Table

SECTION	RULE
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240.101	701
240.102	702
240.103	703
240.104	704
240.105	705
240.106	709
240.121	706
240.122	707
240.123	708

Section 240.TABLE A Vehicle Exhaust Emission Start-Up Standards (Repealed)

(Source: Repealed at 35 Ill. Reg.5552, effective March 18, 2011)

Section 240.TABLE B Vehicle Exhaust Emission Final Standards (**Repealed**)

(Source: Repealed at 35 Ill. Reg.5552, effective March 18, 2011)

Section 240.TABLE C Vehicle Exhaust Emission Fast-Pass Standards (Repealed)

(Source: Repealed at 35 Ill. Reg.5552, effective March 18, 2011)

Attachment 3

PROCEDURES TO BE FOLLOWED IN THE
PERFORMANCE OF INSPECTIONS OF MOTOR
VEHICLE EMISSIONS
(35 Ill. Adm. Code 276)
(full amended version effective January 30, 2012)

TITLE 35: ENVIRONMENTAL PROTECTION
SUBTITLE B: AIR POLLUTION
CHAPTER II: ENVIRONMENTAL PROTECTION AGENCY

PART 276
PROCEDURES TO BE FOLLOWED IN THE PERFORMANCE
OF INSPECTIONS OF MOTOR VEHICLE EMISSIONS

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Section	
276.101	Purpose and Applicability
276.102	Definitions
276.103	Abbreviations
276.104	Incorporations by Reference
276.105	Sunset Provisions

SUBPART B: VEHICLE EMISSIONS INSPECTION PROCEDURES

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276.201	General Description of Vehicle Emissions Inspection Procedures
276.202	Pollutants to be Tested – Exhaust Test
276.203	Dilution – Steady-State Idle Exhaust Test
276.204	Steady-State Idle Exhaust Emissions Test Procedures
276.205	Evaporative System Integrity Test Procedures
276.206	Engine and Fuel Type Modifications
276.207	Transient Loaded Mode Exhaust Emissions Test Procedures (Repealed)
276.208	On-Road Remote Sensing Test Procedures
276.209	On-Board Diagnostic Test Procedures
276.210	Visual Inspection Test Procedures

SUBPART C: EMISSIONS COMPLIANCE CERTIFICATE

Section	
276.301	General Requirements
276.302	Determination of Affected Counties
276.303	Emissions Compliance Certificate Design and Content
276.304	Initial Emissions Inspection Stickers or Certificates (Repealed)
276.305	Exempt Emissions Inspection Stickers or Certificates (Repealed)
276.306	Renewal Emissions Inspection Stickers or Certificates (Repealed)
276.307	Temporary Emissions Inspection Stickers or Certificates (Repealed)
276.308	Corrected or Interim Emissions Inspection Stickers or Certificates (Repealed)
276.309	Waiver Emissions Inspection Stickers or Certificates (Repealed)
276.310	Emissions Inspection Sticker and Certificate Display and Possession (Repealed)
276.311	Change of Assigned Test Month (Repealed)

276.312 Economic Hardship Extension Stickers or Certificates (Repealed)

SUBPART D: WAIVER, ECONOMIC HARDSHIP EXTENSION, AND OUTSIDE OF
AFFECTED COUNTIES ANNUAL EXEMPTION REQUIREMENTS

Section

276.401 Waiver Requirements
276.402 Low Emissions Tuneups (Repealed)
276.403 Denial or Issuance of Waiver
276.404 Economic Hardship Extension Requirements
276.405 Outside of Affected Counties Annual Exemption Requirements

SUBPART E: TEST EQUIPMENT SPECIFICATIONS

Section

276.501 General Requirements
276.502 Steady-State Idle Exhaust Test Analysis Systems Functional Requirements
276.503 Steady-State Idle Exhaust Test Analysis Systems Performance Criteria
276.504 Evaporative System Integrity Test Functional Requirements and Performance
Criteria
276.505 Transient Loaded Mode Test Systems Functional Requirements (Repealed)
276.506 Transient Loaded Mode Test Systems Performance Criteria (Repealed)
276.507 On-Road Remote Sensing Test Systems Functional Requirements and
Performance Criteria
276.508 On-Board Diagnostic Test Systems Functional Requirements and Performance
Criteria

SUBPART F: EQUIPMENT MAINTENANCE AND CALIBRATION

Section

276.601 Steady-State Idle Test Equipment Maintenance
276.602 Steady-State Idle Test Equipment Calibration
276.603 Evaporative System Integrity Test Maintenance and Calibration
276.604 Record Keeping
276.605 Transient Loaded Mode Test Equipment Maintenance and Calibration (Repealed)
276.606 On-Road Remote Sensing Test Systems Maintenance and Calibration
276.607 On-Board Diagnostic Test Systems Maintenance and Calibration

SUBPART G: FLEET SELF TESTING REQUIREMENTS

Section

276.701 General Requirements
276.702 Fleet Inspection Permit
276.703 Fleet Inspection Permittee Operating Requirements
276.704 Private Official Inspection Station Auditing and Surveillance

276.705 Fleet Station Auditing and Surveillance (Renumbered)

SUBPART H: GRIEVANCE PROCEDURE

Section

276.801 General Requirements
276.802 Procedure for Filing Grievance
276.803 Agency Investigation
276.804 Review of Agency's Determination

SUBPART I: NOTICES

Section

276.901 General Requirements
276.902 Vehicle Emissions Test Notice
276.903 Warning Notice (Repealed)
276.904 Second Warning Notice (Repealed)

SUBPART J: RECIPROCITY WITH OTHER JURISDICTIONS

Section

276.1001 Requirements for Vehicles Registered in Affected Counties and Located in Other Jurisdictions Requiring Vehicle Emissions Inspection
276.1002 Requirements for Vehicles Registered in Other Jurisdictions Requiring Vehicle Emissions Inspection and Located in an Affected County

SUBPART K: REPAIR FACILITY PERFORMANCE REPORTING

276.1101 Requirements for Collecting and Reporting Data Pertaining to the Repair of Vehicles that Failed or Were Rejected from an Emissions Inspection

276.TABLE A Transient Driving Cycle (Repealed)
276.TABLE B Fast-Pass Speed Variation Limits Using Positive Kinetic Energy (PKE) Measurements (Repealed)

AUTHORITY: Implementing the Vehicle Emissions Inspection Law of 2005 [625 ILCS 5/13C] and authorized by Sections 13C-10 and 13C-20 of the Vehicle Emissions Inspection Law of 2005 [625 ILCS 5/13C-10 and 13C-20].

SOURCE: Adopted at 10 Ill. Reg. 13954, effective August 13, 1986; amended at 16 Ill. Reg. 10230, effective June 15, 1992; amended at 20 Ill. Reg. 8456, effective June 14, 1996; amended at 22 Ill. Reg. 18867, effective September 28, 1998; amended at 26 Ill. Reg. 8113, effective May 17, 2002; amended at 35 Ill. Reg. 11268, effective June 28, 2011; amended at 36 Ill. Reg. 2257, effective January 30, 2012.

SUBPART A: GENERAL PROVISIONS

Section 276.101 Purpose and Applicability

- a) Purpose
This Part establishes specific requirements and procedures to be followed in complying with the motor vehicle emissions inspection requirement and specific requirements and procedures to be followed in the performance of inspections of motor vehicle emissions.
- b) Applicability
The provisions of this Part apply to implementation of the Vehicle Emissions Inspection Law of 2005.

(Source: Amended at 35 Ill. Reg. 11268, effective June 28, 2011)

Section 276.102 Definitions

- a) Except as hereinafter stated and unless a different meaning of a term is clear from its context, the definitions of terms used in this Part shall be the same as those used in the Environmental Protection Act [415 ILCS 5] and the Vehicle Emissions Inspection Law of 2005 [625 ILCS 5/13C].

- b) The following definitions apply to this Part:

"Accuracy" means the combination of bias and precision errors, technically defined as uncertainty, that quantifies the differences between a measured and true value.

"Affected county" means any county or portion thereof, as defined in Section 13C-5 of the Vehicle Emissions Inspection Law of 2005.

"Agency" means the Illinois Environmental Protection Agency or its designee.

"Calibration gas" means a gas of known concentration used to establish the response curve of the exhaust gas analyzer.

"Diagnostic trouble code" or "DTC" means an alphanumeric code that is set in a vehicle's onboard computer when a monitor detects a condition likely to indicate the existence of an emission related malfunction of the vehicle.

"Drift" means the amount of change in analyzer reading over a period of time. Zero drift refers to the change of zero reading. Span drift refers to a

change in the reading at a specified span gas calibration point.

"Economic hardship extension" means a one year extension to the test-by date that may be granted to the owners of a vehicle in order for the owners to comply with the requirements of the Vehicle Emissions Inspection Law of 2005.

"Emissions compliance certificate" means a certificate issued to an owner of a vehicle registered in an affected county who successfully complies with the Vehicle Emissions Inspection Law of 2005 and the requirements of this Part. As required by the context, this means an emissions compliance certificate, annual exemption certificate or emissions inspection certificate.

"Emission control devices" means those components of a vehicle that were designed and are used to control vehicle exhaust and evaporative system emissions. For the purpose of this Part, this term refers to components with which the vehicle was originally equipped or direct replacements.

"Evaporative system integrity test" means a test of the fuel cap portion of a vehicle's evaporative system, which consists of either a fuel cap leak flow test, a fuel cap pressure decay test, or a fuel cap visual functional test, as applicable.

"Exhaust gas analyzer" means a device that has the capability to identify unknown concentrations of particular constituents in motor vehicle exhaust gases by comparison with known concentrations of analytical gases.

"Fleet inspection permit" means a permit issued to fleet self-testers in accordance with Subpart G.

"Fleet inventory" means those vehicles that have been registered with the Agency for the purpose of fleet self-testing and that have been assigned a test eligibility date.

"Fleet vehicle" means any non-exempt vehicle registered with the Agency for the purpose of fleet self-testing.

"Fuel cap" means a device used to seal a vehicle's fuel inlet.

"Fuel cap leak flow test" means a test performed in accordance with this Part on a vehicle's fuel cap using a fuel cap leak flow tester to determine whether the vehicle complies with the evaporative system emission standards of 35 Ill. Adm. Code 240.

"Fuel cap leak flow tester" or "fuel cap tester" means a device used to determine the leak flow integrity of a vehicle's fuel cap by comparing the measured leak flow of the fuel cap with an established fuel cap leak flow standard.

"Fuel cap pressure decay test" means the test performed in accordance with this Part on a vehicle's fuel cap using a fuel cap pressure decay tester to determine whether the vehicle complies with the evaporative system emission standards of 35 Ill. Adm. Code 240.

"Fuel cap pressure decay tester" means a device used to determine the pressure decay integrity of a vehicle's fuel cap by monitoring the pressure behind the fuel cap for a 10 second period and comparing the measured pressure decay of the fuel cap to an established fuel cap pressure decay standard.

"Fuel cap visual functional test" means the test performed in accordance with this Part on a vehicle's fuel cap using visual analysis to determine whether the vehicle complies with the evaporative system emission standards of 35 Ill. Adm. Code 240.

"Full-service official inspection station" means an inspection station that offers the full range of emissions inspection services and customer service functions, including waiver inspections.

"HC hangup" means hydrocarbons that cling to the surface of the analyzer gas sampling stream causing errors in hydrocarbon readings.

"High idle" means a vehicle operating condition with engine disconnected from an external load (placed in either neutral or park) and operating at a speed of 2500 ±300 RPM.

"Household income" means the gross income of all household members, except wage or salary income earned by dependent minors under 18 years of age. A head of household and his or her spouse are not considered as minors. Gross income includes wages, interest, annuities, pensions, social security, retirement, disability, public aid, alimony, child support, unemployment benefits, workers' compensation, and any other indirect income such as utility allowances.

"Idle mode" means that portion of a vehicle emission test procedure conducted with the engine disconnected from an external load and operating at minimum throttle.

"Initial idle mode" means the first of up to two idle mode sampling

periods during a steady-state idle mode test, during which exhaust emission measurements are made with the vehicle in "as-received" condition.

"Low income" means the household income during the preceding 12 month period was not more than 150 percent of the latest available poverty guidelines established by the U.S. Department of Health and Human Services for the contiguous United States and the District of Columbia.

"Malfunction indicator light" or "MIL" means the light found on the dashboard of OBD-equipped vehicles that is required to be illuminated when the OBD system detects malfunctions likely to result in emissions exceeding applicable emission standards. The MIL must display the phrase "Check Engine" or "Service Engine Soon". The word "Powertrain" may be substituted for "Engine". Alternatively, the ISO engine symbol may be substituted.

"National Institute of Standards and Technology gas" or "NIST gas" means a standard gas maintained or made available by the National Institute of Standards and Technology for the purpose of determining the accuracy of calibration gases.

"Non-exempt vehicle" means any vehicle subject to emission inspections, regardless of whether the vehicle is in a certified configuration, under the Vehicle Emissions Inspection Law of 2005.

"Non-fleet vehicle" means any non-exempt vehicle except for vehicles registered with the Agency for the purpose of fleet self-testing.

"Official inspection station" means a vehicle emission inspection facility operated by the Agency or the Agency's Contractor for the purpose of conducting emission inspections on non-fleet vehicles.

"On-board diagnostic readiness code" means a status flag stored by a vehicle's onboard computer that indicates whether a given monitor has been run (i.e., whether the component or system in question has been checked to determine if it is functioning properly).

"On-board diagnostic test" means the electronic retrieval of stored readiness status, diagnostic trouble codes, and MIL illumination status from a vehicle's OBD system to determine if any emission related trouble codes are present and if the MIL is commanded to be on, which would indicate the existence of an emission related malfunction with the vehicle.

"On-road remote sensing test" means the observation, measurement, and

recording of vehicle exhaust emission concentrations of hydrocarbons (HC), carbon monoxide (CO), and carbon dioxide (CO₂) present in each in-use vehicle while traveling on roadways or in specified areas by equipment that is not connected to the vehicle.

"Preconditioning mode" means a period of steady-state high-idle operation conducted to ensure that the engine and emissions control system components are operating at normal operating temperatures, thus minimizing false failure caused by improper or insufficient warm-up.

"Private official inspection station" means a vehicle emission inspection facility operated by a registered owner or lessee of 15 or more non-exempt fleet vehicles.

"Recognized repair technician" means a person professionally engaged in vehicle repair, employed by a going concern whose purpose is vehicle repair, or possessing nationally recognized certification for emission related diagnosis and repair.

"Second-chance idle mode" means the second of two idle mode sampling periods during a steady-state idle mode test, preceded by a preconditioning mode and utilized as a second chance to pass idle exhaust emission standards immediately following an initial idle mode failure.

"Span gas" means a gas of known concentrations that is used to check or adjust the analyzer response characteristics to those determined by the calibration gases.

"Steady-state idle test" means a vehicle emission test procedure consisting of an initial idle mode measurement of exhaust emissions followed, if necessary, by a high idle preconditioning mode and a second-chance idle mode.

"Test-by date" or "TBD" means the date by which the vehicle is due to have an emissions inspection and corresponds to the date the vehicle's registration will expire. For non-expiring vehicle registrations, the TBD is the date of the vehicle's purchase anniversary month or, if not available, the month the vehicle was added to the Illinois Secretary of State's registration database.

"Test cycle" means the two-year period between a vehicle's test eligibility dates.

"Test eligibility date" or "TED" means the first day of the third month prior to the vehicle's TBD.

"Vehicle emissions test notice" means a notice sent by the Agency to the owners of a vehicle informing the owners of the need to comply with the requirements of the Vehicle Emissions Inspection Law of 2005.

"Vehicle inspection report" means a report issued to the motorist indicating the results of an emission inspection or waiver determination.

"Visual functional test" means a visual examination of a vehicle's fuel cap for any readily apparent wear, tampering, or defects that would prevent the fuel cap from operating properly.

"Visual inspection test" means a visual examination of a vehicle's MIL consisting of verifying the status of the MIL in key on/engine off position followed by verifying the status of the MIL in the key on/engine on position to determine the status of the MIL and existence of an emission related malfunction with the vehicle.

"Waiver" means a suspension of the requirement that a non-exempt vehicle comply with test standards after two or more attempts to do so, as provided for in this Part.

"Waiver inspection" means an inspection conducted by a waiver inspector to determine waiver eligibility.

"Waiver inspector" means a person authorized by the Agency to conduct waiver inspections and to approve or disapprove applications for a waiver.

(Source: Amended at 36 Ill. Reg. 2257, effective January 30, 2012)

Section 276.103 Abbreviations

Abbreviations used in this Part include the following:

cc/min	cubic centimeters per minute
CO	carbon monoxide
CO ₂	carbon dioxide
DTC	diagnostic trouble code
HC	hydrocarbons, as hexane
I/M	inspection and maintenance
MIL	malfunction indicator light

NIST	National Institute for Standards and Technology
NO	nitrogen oxide
NO _x	oxides of nitrogen
OBD	on-board diagnostics
ppm	parts per million by volume
RPM	revolutions per minute
SDM	source detector module
TBD	test-by date
TED	test eligibility date
VIN	vehicle identification number

(Source: Amended at 35 Ill. Reg. 11268, effective June 28, 2011)

Section 276.104 Incorporations by Reference

The following materials are incorporated by reference and include no later editions or amendments:

- a) 40 CFR 85.2225 (July 1, 1994).
- b) 40 CFR 85.2222, 85.2223, and 85.2231 (July 1, 2001).

(Source: Amended at 35 Ill. Reg. 11268, effective June 28, 2011)

Section 276.105 Sunset Provisions

Sections 276.203, 276.204, 276.205, 276.502, 276.503, 276.504, 276.601, 276.602 and 276.603 of this Part shall not apply after January 31, 2012.

(Source: Added at 36 Ill. Reg. 2257, effective January 30, 2012)

SUBPART B: VEHICLE EMISSIONS INSPECTION PROCEDURES

Section 276.201 General Description of Vehicle Emissions Inspection Procedures

Compliance with steady-state idle, evaporative system integrity, OBD, visual inspection, and on-road sensing test standards contained in 35 Ill. Adm. Code 240 shall be determined by use of test procedures and other requirements as applicable, as set forth in this Part, and shall be performed to the extent practicable. The test procedure applicable to each non-exempt vehicle shall be based on the model year and vehicle type as supplied by the manufacturer. If this information is not available from the manufacturer, the model year and vehicle type shall be based on registration information as supplied by the Illinois Secretary of State.

(Source: Amended at 36 Ill. Reg. 2257, effective January 30, 2012)

Section 276.202 Pollutants to be Tested – Exhaust Test

Vehicle exhaust emission inspections shall consist of sampling vehicle tailpipe emissions of HC, CO, CO₂, and NO_x (if applicable).

(Source: Amended at 22 Ill. Reg. 18867, effective September 28, 1998)

Section 276.203 Dilution – Steady-State Idle Exhaust Test

To prevent excess dilution in a steady-state idle exhaust emissions test described in Section 276.204, the sample probe shall be inserted a minimum of 10 inches into the vehicle's tailpipe. Extension boots shall be utilized if it is impossible to insert the sample probe at least 10 inches into the tailpipe. A vehicle emission test shall be invalid if the applicable emission standards contained in 35 Ill. Adm. Code 240 are met but the sum of the CO and CO₂ concentrations in the exhaust gas does not exceed 6 percent during the sample averaging period(s).

(Source: Amended at 35 Ill. Reg. 11268, effective June 28, 2011)

Section 276.204 Steady-State Idle Exhaust Emissions Test Procedures

- a) **Steady-State Idle Test**

The steady-state idle test may be substituted for the OBD test for those vehicles identified in Section 13C-25(d) of the Vehicle Emissions Inspection Law of 2005. The steady-state idle test consists of a first-chance idle mode test followed, if necessary, by a second-chance test. The second-chance test consists of a high idle preconditioned mode while in neutral or park, followed immediately by an idle mode.
- b) **General Requirements**
 - 1) Initial tests (i.e., those occurring for the first time in a vehicle's scheduled test cycle) shall be performed without repair or adjustment at the inspection facility prior to the test.
 - 2) Tests shall be performed with Agency-approved equipment that has been calibrated according to the quality procedures contained in Section 276.602 of this Part.
 - 3) Vehicles with apparent leaks of fuel, oil, coolant, or exhaust shall not be tested.
 - 4) Vehicles with missing tail pipe sections that would prohibit full insertion of an analyzer probe shall not be tested.

- 5) Vehicles shall be tested with their engines and emissions control systems at normal operating temperatures and not overheating (as indicated by gauge, temperature lamp, touch test on the radiator hose, and/or boiling radiator).
 - 6) Vehicles shall be tested without any accessories in operation.
 - 7) Vehicles must be operated during each mode of the test with the gear selector in neutral or park for the idle mode test and the high idle preconditioning mode.
 - 8) For vehicles with multiple tailpipes, separate test results from each tailpipe shall be numerically averaged for each pollutant sampled unless equipment capable of simultaneously sampling multiple tailpipes is utilized.
- c) Procedures
- 1) The analysis of exhaust gas concentrations must begin 10 seconds after the applicable test mode begins.
 - 2) Exhaust gas concentrations must be analyzed at a minimum rate of once every 0.75 second.
 - 3) The measured value for the pass/fail determination shall be a simple running average of the measurements taken over 5 seconds.
 - 4) With the exception of those vehicles specified in subsection (c)(5) of this Section, the tachometer must be attached to the vehicle in accordance with the analyzer manufacturer's instructions.
 - 5) Vehicles that cannot continuously meet the engine speed requirements of subsection (e)(1)(B) of this Section within 30 seconds after initiation of the first-chance test shall be rejected upon verification of the proper operation and placement of the tachometer. If it is determined that the operation or placement of the tachometer is faulty, immediate corrective action shall be taken and the vehicle shall be retested in accordance with subsection (e) of this Section.
 - 6) If the engine speed falls outside the limits specified in subsection (e)(1)(B), (e)(2)(B) or (e)(2)(C) of this Section, as applicable, for more than 5 seconds in any one excursion, or 15 seconds over all excursions within a test mode, the mode timer shall be reset to zero and the mode restarted.
 - 7) For vehicles whose design prevents the monitoring of the engine rpm rate

with a tachometer, the engine speed requirements of subsections (e)(1)(B), (e)(2)(B), and (e)(2)(C) of this Section shall not apply. The preconditioning mode of a second-chance idle test shall consist of accelerating the vehicle's engine to an estimated rate of 2500 rpm for a period of 30 seconds prior to initiating a second-chance idle mode test.

- 8) The sample probe must be inserted into the vehicle's tailpipe to a minimum depth of 10 inches. If the vehicle's exhaust system prevents insertion to this depth, a tailpipe extension must be used.
- 9) The measured concentration of CO plus CO₂ must be greater than or equal to 6 percent or the vehicle will be rejected.
- 10) If a vehicle's engine stalls at any time during the test sequence, the test shall be aborted and restarted. If after 3 attempts the test cannot be completed, the vehicle shall be rejected.

d) Pass/Fail Determination

A pass or fail determination is made for each applicable test mode based on a comparison of the test standards contained in 35 Ill. Adm. Code 240.152 with the measured value for HC and CO as described in subsection (c) of this Section. A vehicle passes the test mode if any pair of simultaneous measured values for HC and CO are below or equal to the applicable test standards. A vehicle fails the test mode if the values for either HC or CO, or both, in all simultaneous pairs of values are above applicable standards.

e) Test Sequence

The steady-state idle test consists of a first-chance test and a second-chance test. The first-chance test consists only of an idle mode. The second-chance test consists of a preconditioning mode followed immediately by an idle mode, and is performed only if the vehicle fails the first-chance test.

1) First-Chance Test

- A) The test starts when the conditions specified in subsections (e)(1)(B) and (e)(1)(C) of this Section are met.
- B) The mode starts when the vehicle engine speed is between 350 and 1300 rpm. The minimum mode length is determined as described under subsection (e)(1)(C) of this Section.
- C) The pass/fail analysis begins after an elapsed time of 10 seconds. A pass or fail determination is made for the vehicle and the mode is terminated in accordance with subsections (e)(1)(C)(i) through (e)(1)(C)(iv) of this Section.

- i) The vehicle passes the idle mode and the test terminates on or before an elapsed time of 30 seconds, if the measured values are less than or equal to the applicable test standards as described in subsection (d) of this Section.
- ii) The pass/fail analysis shall continue beyond 30 seconds as long as emission readings are declining based upon comparison of the last 5 consecutive measured values. The vehicle passes the idle mode and the test is immediately terminated if, at any point between an elapsed time of 30 seconds and 90 seconds, the measured values are less than or equal to the applicable test standards described in subsection (d) of this Section.
- iii) The vehicle fails the first-chance test if the provisions of subsection (e)(1)(A), (e)(1)(C)(i), or (e)(1)(C)(ii) of this Section are not met.
- iv) The vehicle shall fail the first-chance test and the second-chance test shall be omitted if no measured values less than 1800 ppm HC are found by an elapsed time of 30 seconds.

2) Second-Chance Test

A) If the vehicle fails the first-chance test, a second-chance test is performed except as described in subsection (e)(1)(C)(iv) of this Section.

B) Preconditioning Mode

The high idle preconditioning mode starts when the engine speed is between 2200 and 2800 rpm, or between 1650 and 1950 rpm on specified vehicles equipped with ZF 4-speed Automatic Transmissions. The mode continues for an elapsed time of 30 seconds.

C) Idle Mode

The mode starts 5 seconds after the vehicle engine speed returns to between 350 and 1300 rpm after high idle preconditioning. The minimum idle mode length is determined as described in subsection (e)(2)(D) of this Section.

D) The pass/fail analysis begins after an elapsed time of 10 seconds. A pass or fail determination is made for the vehicle and the idle mode is terminated in accordance with the following:

- i) The vehicle passes the idle test and the test terminates on or before an elapsed time of 60 seconds if the measured values are less than or equal to the applicable test standards as determined by the procedure described in subsection (d) of this Section;
- ii) The vehicle fails the idle test and the test terminates if the provisions of subsection (e)(2)(D)(i) are not met within an elapsed time of 60 seconds.

(Source: Amended at 35 Ill. Reg. 11268, effective June 28, 2011)

Section 276.205 Evaporative System Integrity Test Procedures

- a) **Applicability**
The evaporative system integrity test shall be performed in accordance with the fuel cap leak flow test procedures or fuel cap pressure decay test procedures, and fuel cap visual functional test procedures specified in subsections (b) and (c) of this Section.
- b) **Test Procedures**
 - 1) **Fuel Cap Leak Flow Test**
The fuel cap shall be removed from the vehicle's fuel inlet and installed on the fuel cap leak flow tester, using an adapter if necessary. All fuel caps that require a key for removal from the vehicle's fuel inlet shall be tested with the key removed from the lock. The workstation shall provide the inspector with information as to whether the fuel cap tester can be used to test the vehicle's fuel cap and which adapter, if any, is required, based on one or more of the following items: vehicle identification number (VIN), make, model, and model year. If the fuel cap can be tested, then the following task shall be performed:
 - A) The fuel cap leak flow tester shall be pressurized to 30 ±1 inches of water. The inspector shall initiate the test. The fuel cap leak flow tester shall measure the fuel cap leak flow rate and simultaneously compare this flow rate with the flow rate through the calibrated orifice;
 - B) Within 15 seconds after the depression of the start-test button, the fuel cap leak flow tester shall make a pass/fail determination. Pass/fail analysis shall be determined according to the procedures in subsection (c) of this Section;
 - C) Fuel caps that have failed an initial integrity test under subsection

(c)(4) of this Section shall immediately receive a second-chance fuel cap leak flow test after first ensuring that the fuel cap has been installed on the fuel cap leak flow tester correctly. The procedure contained in subsections (b)(1)(A) and (b)(1)(B) of this Section shall be repeated; and

D) At the conclusion of all fuel cap leak flow tests, the fuel cap shall be removed from the fuel cap leak flow tester and replaced on the filler neck, ensuring that it is properly tightened.

2) Fuel Cap Pressure Decay Test

The fuel cap shall be removed from the vehicle's fuel inlet and installed on the fuel cap pressure decay tester, using an adapter if necessary. All fuel caps that require a key for removal from the vehicle's fuel inlet shall be tested with the key removed from the lock. The workstation shall provide the inspector with information as to whether the pressure decay tester can be used to test the vehicle's fuel cap and which adapter, if any, is required, based on one or more of the following items: VIN, make, model, and model year. If the fuel cap can be tested, then the following task shall be performed:

A) The pressure decay tester shall be pressurized to 28 ± 1 inches of water. The inspector shall initiate the test. The pressure decay tester shall monitor the pressure behind the fuel cap and look for pressure decay;

B) The pressure decay shall be monitored for 10 seconds after stability is achieved for 10 seconds. Pass/fail analysis shall be determined according to the procedures in subsection (c) of this Section;

C) Fuel caps that have failed an initial integrity test under subsection (c)(4) of this Section shall immediately receive a second-chance fuel cap pressure decay test after first ensuring that the fuel cap has been installed on the pressure decay tester correctly. The procedure contained in subsections (b)(2)(A) and (b)(2)(B) of this Section shall be repeated; and

D) At the conclusion of all fuel cap pressure decay tests, the fuel cap shall be removed from the pressure decay tester and replaced on the filler neck, ensuring that it is properly tightened.

3) Visual Functional Test

If the vehicle has a fuel cap, but the fuel cap cannot be tested using the leak flow or pressure decay test procedures, then a visual functional test of

the fuel cap shall be performed.

c) Pass/Fail Determination

- 1) Vehicles which are presented for testing with missing, inaccessible, incorrect, non-removable, illegal, or otherwise non-testable fuel caps shall fail the evaporative system integrity test.
- 2) If the vehicle's fuel cap is present and can be tested using either the fuel cap leak flow test or the fuel cap pressure decay test under subsection (b)(1) or (b)(2) of this Section and, if tested, the test result does not exceed either the fuel cap leak flow rate standard contained in 35 Ill. Adm. Code 240.172(b) or the fuel cap pressure decay standard contained in 35 Ill. Adm. Code 240.172(a), then the vehicle shall pass the evaporative system integrity test.
- 3) If the vehicle's fuel cap is present and is tested under the provisions of subsection (b)(3) of this Section, and the test result does not exceed the visual functional test standard contained in 35 Ill. Adm. Code 240.172(c), then the vehicle shall pass the evaporative system integrity test.
- 4) If the vehicle's fuel cap is tested using either the fuel cap leak flow test or the fuel cap pressure decay test under the provisions of subsection (b)(1) or (b)(2) of this Section, and does not meet the applicable standards contained in 35 Ill. Adm. Code 240.172, the vehicle shall fail the evaporative system integrity test.

(Source: Amended at 35 Ill. Reg. 11268, effective June 28, 2011)

Section 276.206 Engine and Fuel Type Modifications

In the inspection process, vehicles that have been altered from their original certified configuration are to be tested in the same manner as other subject vehicles. Specific procedures to be used are as follows:

- a) Vehicles with engines other than the engine originally installed by the manufacturer or an identical replacement of such engine shall be subject to the test procedures and standards for the chassis type and model year of the vehicle.
- b) Vehicles that have been switched from an engine of one fuel type to another fuel type that is subject to the program shall be subject to the test procedures and standards for the current fuel type, and to the requirements of subsection (a) of this Section.
- c) Vehicles that are switched to a fuel type for which there is no certified configuration shall be tested according to the most stringent emission standards established for that vehicle type and model year.

(Source: Section repealed, new Section added at 20 Ill. Reg. 8456, effective June 14,

1996)

Section 276.207 Transient Loaded Mode Exhaust Emissions Test Procedures (Repealed)

(Source: Repealed at 35 Ill. Reg. 11268, effective June 28, 2011)

Section 276.208 On-Road Remote Sensing Test Procedures

- a) **Applicability**
On-road remote sensing tests shall be scheduled to occur at least once a year by the Agency or its designee in each affected county, distributed throughout the inspection areas in proportion to the number of subject vehicles registered in these areas, and performed in accordance with the procedures specified in subsections (b) through (e) of this Section.
- b) **On-Road Remote Sensing Test Procedure**
The on-road remote sensing test shall consist of measuring the concentration of HC, CO, and CO₂, and automatically recording the speed, acceleration, and license plate of each in-use vehicle. Compliance is determined by comparing the measured emission concentration of each pollutant to the on-road remote sensing emission standards contained in 35 Ill. Adm. Code 240.182.
- c) **Test Site Location Criteria**
Test locations for on-road remote sensing tests shall be sited such that:
 - 1) cold start vehicle operation conditions are avoided;
 - 2) areas where vehicles are generally accelerating or driving at a steady speed uphill are favored;
 - 3) areas where vehicles are generally decelerating are avoided;
 - 4) areas that could produce high load conditions are avoided;
 - 5) traffic is contained to a single lane;
 - 6) traffic is high in volume;
 - 7) test equipment is unobtrusive to vehicle operation; and
 - 8) adequate median space is provided for safe operation of test equipment.
- d) **Data Collection**
 - 1) The following items shall be collected for each vehicle receiving an on-road remote sensing test:
 - A) vehicle license plate number;
 - B) date and time of test;
 - C) test site reference number;
 - D) emission levels for HC, CO, and CO₂; and
 - E) speed and acceleration of vehicle.
 - 2) The following items shall be collected for each on-road remote sensing test site:
 - A) test site reference number;
 - B) description of test site location; and
 - C) slope of test site in degrees.
- e) **Pass/Fail Determination**

The owner of any non-exempt vehicle that has previously been through an in-cycle emissions test and passed the final retest, or is determined to be out of compliance, which is found with an exceedance of the on-road remote sensing emission standards, shall be notified of such exceedance. If a second exceedance occurs prior to the next scheduled in-cycle emissions test, the Agency will reassign the vehicle and notify the owner of a required out-of-cycle exhaust emissions test.

(Source: Added at 22 Ill. Reg. 18867, effective September 28, 1998)

Section 276.209 On-Board Diagnostic Test Procedures

- a) **Test Procedures**

The OBD test procedure shall be conducted according to the method specified in 40 CFR 85.2222(a), (b), and (c), incorporated by reference in Section 276.104(b) of this Part. However, once initiated, the OBD test shall be conducted as completely as possible, regardless of intermediate reject or fail results.
- b) **Pass/Fail Determination**

The pass/fail determination for OBD testing shall be conducted according to the method specified in 40 CFR 85.2222(d), incorporated by reference in Section 276.104(b) of this Part.
- c) **Reject Determination**

The reject determination for OBD testing shall be conducted according to the method specified in 40 CFR 85.2222(c), incorporated by reference in Section 276.104(b) of this Part, with the following modifications, according to which a vehicle shall be rejected from testing:

 - 1) The vehicle is presented for testing and passes the OBD inspection, but the number of unset non-continuous OBD readiness codes exceeds the following:
 - A) 2 monitors "not ready" for MY 1996 to MY 2000 vehicles; and
 - B) 1 monitor "not ready" for MY 2001 and newer vehicles; or
 - 2) The vehicle is presented for retesting after an OBD failure involving catalytic converter DTCs P0420 through P0439, and the catalyst monitor is "not ready" at the time of retest.
- d) **OBD Test Report**

The OBD test report shall be prepared according to the method specified in 40 CFR 85.2223, incorporated by reference in Section 276.104(b) of this Part.

(Source: Amended at 35 Ill. Reg. 11268, effective June 28, 2011)

Section 276.210 Visual Inspection Test Procedures

- a) **Applicability**
Beginning February 1, 2012, the visual inspection test may be substituted for the OBD test for those vehicles identified in Section 13C-25(h) of the Vehicle Emissions Inspection Law of 2005. The visual inspection test consists of a two-part test. The first part of the visual inspection test consists of a visual examination of the MIL in the key-on/engine off position. The second part of the visual inspection test consists of a visual examination of the MIL in the key on/engine on position. The visual inspection test shall be performed in accordance with subsections (b) and (c) of this Section.
- b) **Test Procedures**
 - 1) **Key on/engine off**
The key on/engine off test starts with the ignition in the key off/engine off position. The ignition shall then be turned to the key on/engine off position. The inspector shall observe whether the MIL is illuminated.
 - 2) **Key on/engine on**
The key on/engine on test starts with the ignition in the key on/engine off position. The ignition shall then be turned to the key on/engine on position. The inspector shall observe whether the MIL is continuously illuminated.
- c) **Pass/Fail Determination**
A pass or fail determination is made for each part of the visual inspection test identified in subsection (b) based on a comparison of the test results to the visual inspection test standards contained in 35 Ill. Adm. Code 240.202.

(Source: Added at 36 Ill. Reg. 2257, effective January 30, 2012)

SUBPART C: EMISSIONS COMPLIANCE CERTIFICATE

Section 276.301 General Requirements

- a) The owners of all vehicles subject to inspection shall obtain a valid emissions compliance certificate from the Agency.
- b) Failure to comply with applicable provisions of the Vehicle Emissions Inspection Law of 2005 [625 ILCS 5/13C] shall subject the owners of the vehicle to the enforcement provisions thereof.

(Source: Amended at 35 Ill. Reg. 11268, effective June 28, 2011)

Section 276.302 Determination of Affected Counties

- a) The Agency shall make its determination of the geographic extent of an affected county based upon the "UNITED STATES POSTAL SERVICE ZIP + 4 National Directory File".
- b) To the extent practicable, the Agency shall make its determination of residency in an affected county so as to assure that:
 - 1) irrespective of Zip Code, the affected counties correspond to the geographic areas prescribed in the Vehicle Emissions Inspection Law, and
 - 2) the affected counties are composed of contiguous geographic areas within each of the counties.

Section 276.303 Emissions Compliance Certificate Design and Content

All emissions compliance certificates required under this Section shall, at a minimum, include the following information in a clear and recognizable fashion:

- a) The statement "Registration Renewal Authorized";
- b) The TED (month and year) in which the vehicle is next scheduled for testing;
- c) A unique emissions compliance certificate number; and
- d) The following vehicle information:
 - 1) VIN;
 - 2) License plate number;
 - 3) Vehicle model year; and
 - 4) Vehicle make.

(Source: Amended at 35 Ill. Reg. 11268, effective June 28, 2011)

Section 276.304 Initial Emissions Inspection Stickers or Certificates (Repealed)

(Source: Repealed at 35 Ill. Reg. 11268, effective June 28, 2011)

Section 276.305 Exempt Emissions Inspection Stickers or Certificates (Repealed)

(Source: Repealed at 35 Ill. Reg. 11268, effective June 28, 2011)

Section 276.306 Renewal Emissions Inspection Stickers or Certificates (Repealed)

(Source: Repealed at 35 Ill. Reg. 11268, effective June 28, 2011)

Section 276.307 Temporary Emissions Inspection Stickers or Certificates (Repealed)

(Source: Repealed at 35 Ill. Reg. 11268, effective June 28, 2011)

Section 276.308 Corrected or Interim Emissions Inspection Stickers or Certificates (Repealed)

(Source: Repealed at 35 Ill. Reg. 11268, effective June 28, 2011)

Section 276.309 Waiver Emissions Inspection Stickers or Certificates (Repealed)

(Source: Repealed at 35 Ill. Reg. 11268, effective June 28, 2011)

Section 276.310 Emissions Inspection Sticker and Certificate Display and Possession (Repealed)

(Source: Repealed at 35 Ill. Reg. 11268, effective June 28, 2011)

Section 276.311 Change of Assigned Test Month (Repealed)

(Source: Repealed at 35 Ill. Reg. 11268, effective June 28, 2011)

Section 276.312 Economic Hardship Extension Stickers or Certificates (Repealed)

(Source: Repealed at 35 Ill. Reg. 11268, effective June 28, 2011)

SUBPART D: WAIVER, ECONOMIC HARDSHIP EXTENSION, AND OUTSIDE OF AFFECTED COUNTIES ANNUAL EXEMPTION REQUIREMENTS

Section 276.401 Waiver Requirements

- a) All vehicles subject to inspection under the Vehicle Emissions Inspection Law of 2005 [625 ILCS 5/13C] shall be eligible for a waiver from meeting the applicable vehicle emission standards contained in 35 Ill. Adm. Code 240 upon submission of proof to a Waiver Inspector of compliance with all of the following:
 - 1) After failing a retest, the vehicle has failed to comply with the applicable vehicle emission standards;
 - 2) A minimum expenditure of at least \$450 in emission-related repairs exclusive of tampering-related repairs have been made;

- 3) The vehicle has received all repairs and adjustments for which it is eligible under any emission performance warranty provisions pursuant to Section 207 of the Clean Air Act (42 USC 7541);
 - 4) The Agency determines by normal inspection procedures that the emission control devices are present and appear to be properly connected and operating;
 - 5) Repairs are conducted by a recognized repair technician; and
 - 6) Evidence of repair is presented consisting of either of the following:
 - A) Signed and dated receipts identifying the vehicle and describing the diagnostic procedures that were utilized in determining the repairs, justification that the repairs performed were appropriate and necessary for the emissions test failure, and the amount charged for eligible emission-related repairs; or
 - B) An affidavit executed by the person performing the eligible emission related repairs.
- b) Emission-related repairs performed not more than 30 days prior to the current TED may be applied to the \$450 minimum expenditure if the repairs were appropriate for the DTCs present at the time of the initial failure.
 - c) Waivers shall not be issued if the MIL is inoperative.
 - d) Vehicles subject to a steady-state idle exhaust test shall not be eligible for waivers unless the vehicle passes a fuel cap test.
 - e) Waivers shall be issued to the vehicle owners. In the event the vehicle owner is not present, a waiver may be issued to the vehicle owner's designee if specific written authorization from the vehicle owner on a form prescribed by the Agency is presented at the time of waiver application.

(Source: Amended at 35 Ill. Reg. 11268, effective June 28, 2011)

Section 276.402 Low Emissions Tuneups (Repealed)

(Source: Repealed at 26 Ill. Reg. 8113, effective May 17, 2002)

Section 276.403 Denial or Issuance of Waiver

- a) If the Agency determines that an applicant for a waiver has not complied with all applicable waiver criteria set forth in Section 276.401 of this Part, the waiver request shall be denied. The Agency shall provide to the applicant a written

statement containing the reasons for the denial.

- b) If the Agency determines that an applicant for a waiver has complied with all waiver criteria set forth in Section 276.401 of this Part, the waiver shall be issued. The Agency shall provide to the applicant an emissions compliance certificate containing, at a minimum, the information described in Section 276.303.

(Source: Amended at 35 Ill. Reg. 11268, effective June 28, 2011)

Section 276.404 Economic Hardship Extension Requirements

The Agency shall issue a one year emissions compliance certificate to the owner of a vehicle that meets the requirements of subsection (a) of the Section.

- a) Requirements
 - 1) When tested, the subject vehicle failed to meet applicable emission standards contained in 35 Ill. Adm. Code 240, except that the economic hardship extension will not be granted if only the applicable fuel cap emissions test standard contained in 35 Ill. Adm. 240 is failed;
 - 2) The registered owner or owners of the subject vehicle certifies that his or her, or their, household income qualifies as "low income" as defined in this Part. In the case of multiple registered owners who are not part of the same household, the registered owners must certify that the sum of each registered owner's household income qualifies as "low income" as defined in Section 276.102 of this Part;
 - 3) The current or former owner of a subject vehicle has not previously received an emissions compliance certificate for economic hardship for the subject vehicle, or, if an emissions compliance certificate for economic hardship has previously been issued, the vehicle passed all required emissions tests prior to issuance of another emissions compliance certificate for economic hardship;
 - 4) The registered owner of the subject vehicle presents either of the following, which shall not include any costs associated with any motor vehicle emission related recall that has been, or is to be, paid by a manufacturer or dealer:
 - A) A written estimate prepared by a recognized repair technician for emission related vehicle repairs, parts or services, including diagnostic fees, related to the emissions test failure, in the amount of 50 percent or greater of the current waiver repair minimum amount contained in Section 276.401(a)(2) of this Part; or

- B) If the registered owner intends to perform the necessary services or repairs, the written estimate shall include only the cost of emission related parts;
- 5) The registered owner of the vehicle grants authorization to the Agency or its representatives to make legitimate inquiries as necessary, including to all relevant State departments or agencies, including but not limited to the Illinois Secretary of State and the Department of Human Services, to verify ownership and income information.
- b) An emissions compliance certificate issued under this Section is not transferable to one or more subsequent owners.
- c) An emissions compliance certificate issued under this Section may be revoked by the Agency if the Agency determines that the applicant or applicants made false statements on the economic hardship extension application.

(Source: Amended at 35 Ill. Reg. 11268, effective June 28, 2011)

Section 276.405 Outside of Affected Counties Annual Exemption Requirements

- a) The owner of a vehicle that is located and being primarily operated outside of the affected counties and in other jurisdictions in which vehicle emission inspections are not required, may be issued a one year emissions compliance certificate allowing the motorist to renew the registration without having an emissions inspection. Written proof of the vehicle's location must be provided by one of the following:
 - 1) Tax bill;
 - 2) Utility bill;
 - 3) Tuition bill;
 - 4) Storage receipt;
 - 5) Military orders; or
 - 6) Other written proof deemed acceptable by the Agency.
- b) Vehicles obtaining a one year emissions compliance certificate under this Section will be subject to inspection by the next TBD unless the motorist complies with subsection (a) of this Section.

- c) A vehicle owner who is currently in the military and deployed outside the affected counties may be issued a one year emissions compliance certificate under this Section if written proof as specified in subsection (a)(5) or (a)(6) is provided.

(Source: Amended at 36 Ill. Reg. 2257, effective January 30, 2012)

SUBPART E: TEST EQUIPMENT SPECIFICATIONS

Section 276.501 General Requirements

Compliance with Illinois vehicle test standards shall be determined by following the test procedures set forth in Subpart B of this Part and by utilizing the following:

- a) Steady-state idle test equipment meeting the specifications set forth in Sections 276.502 and 276.503 of this Part and the evaporative system test equipment meeting the specifications set forth in Section 276.504 of this Part; or
- b) On-road remote sensing test equipment meeting the specifications set forth in Section 276.507 of this Part; or
- c) OBD test equipment meeting the specifications set forth in Section 276.508 of this Part.

(Source: Amended at 35 Ill. Reg. 11268, effective June 28, 2011)

Section 276.502 Steady-State Idle Exhaust Test Analysis Systems Functional Requirements

The steady-state idle exhaust test analysis system shall meet the functional requirements specified in 40 CFR 85.2225(b), incorporated by reference in Section 276.104(a) of this Part. Additionally, all exhaust gas analyzers shall:

- a) Provide reliable, continuous service;
- b) Make an automatic selection of the proper emission standard for each vehicle tested;
- c) Make automatic pass/fail determinations for each vehicle tested;
- d) Record test data in machine-readable (computer) form for subsequent data processing and analysis; and
- e) Make an instantaneous printing of duplicate copies of test results.

(Source: Amended at 35 Ill. Reg. 11268, effective June 28, 2011)

Section 276.503 Steady-State Idle Exhaust Test Analysis Systems Performance Criteria

The steady-state idle exhaust test analysis system shall meet the performance criteria specified in 40 CFR 85.2225(c), incorporated by reference in Section 276.104(a) of this Part.

(Source: Amended at 35 Ill. Reg. 11268, effective June 28, 2011)

Section 276.504 Evaporative System Integrity Test Functional Requirements and Performance Criteria

- a) Requirements
Both fuel cap leak flow testers and fuel cap pressure decay testers used for evaporative system integrity testing shall be:
 - 1) Easily connected to fuel caps, including those tethered to the vehicle;
 - 2) Compatible with at least 95 percent of all vehicles required to receive a fuel cap test;
 - 3) Adaptable as required to test future model year vehicles as they enter the eligible fleet;
 - 4) Capable of performing the following additional functions:
 - A) Provide reliable, continuous service;
 - B) Provide for the automatic selection of the proper fuel cap test equipment (if applicable) for each vehicle tested;
 - C) Provide for an automatic pass/fail determination for each vehicle tested;
 - 5) Unaffected by atmospheric variation (i.e., barometric pressure, humidity, temperature, etc.). Test accuracy shall be within 2 percent of stated values from 0°F to 120°F;
 - 6) Pressurized using air, Nitrogen (N₂), or an equivalent non-toxic, non-greenhouse, inert gas;
 - 7) Capable of controlling the supply pressure and preventing over pressurization;
 - 8) Tamper resistant; and
 - 9) Designed to avoid damage to the vehicle during installation, testing and

removal.

- b) Fuel cap pressure decay tester
The fuel cap pressure decay tester used for evaporative system integrity testing shall be equipped with a pressure gauge with a minimum range of 0 to 50 inches of water and an accuracy of 0.3 inches of water or 2 percent of point, whichever is greater.
- c) Fuel cap leak flow tester
The fuel cap leak flow tester used for evaporative system integrity testing shall be:
 - 1) Equipped with a serviceable air filter upstream of the flow comparison circuitry;
 - 2) Equipped with an automatic shutoff and a low-battery indicator if battery powered;
 - 3) Supplied with a NIST traceable reference passing fuel cap of nominal 52 to 56 cc/min for daily test verification;
 - 4) Supplied with a NIST traceable reference failing fuel cap of nominal 64 to 68 cc/min for daily test verification;
 - 5) Accurate to 3 cc/min at the 60 min flow standard; and
 - 6) Able to be modified, either by the manufacturer or an authorized service center, to test at a revised leakage (flow) rate from that originally shipped.

(Source: Amended at 35 Ill. Reg. 11268, effective June 28, 2011)

Section 276.505 Transient Loaded Mode Test Systems Functional Requirements (Repealed)

(Source: Repealed at 35 Ill. Reg. 11268, effective June 28, 2011)

Section 276.506 Transient Loaded Mode Test Systems Performance Criteria (Repealed)

(Source: Repealed at 35 Ill. Reg. 11268, effective June 28, 2011)

Section 276.507 On-Road Remote Sensing Test Systems Functional Requirements and Performance Criteria

- a) The on-road remote sensing test equipment shall consist of the following:

- 1) An infrared SDM capable of measuring the concentration of HC, CO, and CO₂ present in an in-use vehicle;
 - 2) A camera system that automatically photographs vehicle license plates;
 - 3) A system that links each emission record to the correct vehicle license plate photograph; and
 - 4) A laser based speed and acceleration measurement system.
- b) The Infrared SDM shall be of a design certified to meet the following accuracy requirements:

<u>Pollutant</u>	<u>Range</u>	<u>Accuracy</u>
HC	ALL	±150 ppm or ±15 percent of expected HC Concentration
CO	≤ 3.0 percent	±10 percent or 0.25 percent (Whichever is greater)
	> 3.0 percent	±15 percent

- c) The speed and acceleration measurement system shall be of a design certified to measure vehicle speed to within ±0.5 miles per hour and vehicle acceleration to within ±0.3 miles per hour per second at the moment exhaust is measured.

(Source: Amended at 35 Ill. Reg. 11268, effective June 28, 2011)

Section 276.508 On-Board Diagnostic Test Systems Functional Requirements and Performance Criteria

The OBD test system shall meet the functional requirements specified in 40 CFR 85.2231, incorporated by reference in Section 276.104(b) of this Part.

(Source: Amended at 35 Ill. Reg. 11268, effective June 28, 2011)

SUBPART F: EQUIPMENT MAINTENANCE AND CALIBRATION

Section 276.601 Steady-State Idle Test Equipment Maintenance

All operators of exhaust gas analyzers shall conduct a preventive maintenance and quality control program consisting of the following elements:

- a) an HC hang-up check conducted prior to each test and after the last test of the day; HC hang-up shall not exceed 20 ppm HC prior to any test;

- b) visual inspection of all equipment prior to the first test of the day;
 - c) performance of analyzer preventative maintenance (e.g., filter replacement, inspection and cleaning of probes, sample lines, water traps, etc.) according to manufacturer's recommended schedules and as needed; and
 - d) all calibration and operating procedures specified in Section 276.602.
- (Source: Amended at 22 Ill. Reg. 18867, effective September 28, 1998)

Section 276.602 Steady-State Idle Test Equipment Calibration

All operators of steady-state idle exhaust test gas analyzers shall comply with the following calibration and operating procedures unless alternative procedures have been approved by the Agency:

- a) Exhaust gas analyzers shall be warmed up prior to each vehicle inspection, zero check, span check, or calibration. Analyzers shall be considered to be in a warmed-up condition once stabilized zero readings (readings stabilize for one minute within ± 2 percent of full scale, low range on all 3 channels) are obtained.
- b) The analyzer shall conduct a zero and span check prior to each test. The span check shall include the HC, CO and CO₂ channels, and the NO and O₂ channels, if present. If zero and/or span drift cause the signal levels to move beyond the adjustment range of the analyzer, it shall lock out from testing.
- c) The system shall lock out from testing if sample flow falls below 3 percent of full scale, or causes system response time to exceed 13 seconds to 90 percent of a step change in input, whichever is less.
- d) A system leak check shall be performed within 24 hours before the test, and may be performed in conjunction with the gas calibration described in subsection (e)(1) of this Section. If a leak check is not performed within 24 hours or if the analyzer fails the leak check, the analyzer shall lock out from testing. The leak check shall be a procedure demonstrated to effectively check the sample hose and probe for leaks and shall be performed in accordance with good engineering practices. An error of more than +2 percent of the reading using low range span gas shall cause the analyzer to lock out from testing and shall require repair of leaks.
- e) Gas Calibration
 - 1) Analyzers must undergo a two-point calibration within 72 hours before each test unless changes in barometric pressure are compensated for automatically and statistical process control demonstrates equal or better quality control using different frequencies. Gas calibration shall be accomplished by introducing span gas that meets the requirements of subsection (e)(3) of this Section into the analyzer through the calibration

port. If the analyzer reads the span gas within the allowable tolerance range (i.e., the square root sum of the squares of the span gas tolerance described in subsection (e)(3) of this Section and the calibration tolerance, which shall be equal to 2 percent), no adjustment of the analyzer is necessary. The gas calibration procedure shall correct readings that exceed the allowable tolerance range to the center of the allowable tolerance range. The pressure in the sample cell shall be the same with the calibration gas flowing during calibration as with the sample gas flowing during sampling. If the system is not calibrated, or the system fails the calibration check, the analyzer shall lock out from testing.

2) A two point gas calibration procedure shall be followed. The span shall be accomplished at one of the following pairs of span points:

A) Low

300 – ppm propane (HC)
1.0 – percent CO
6.0 – percent CO₂
1000 – ppm nitric oxide (if equipped with NO)

High

1200 – ppm propane (HC)
4.0 – percent CO
12.0 – percent CO₂
3000 – ppm nitric oxide (if equipped with NO)

B) Low

0 – ppm propane (HC)
0.0 – percent CO
0.0 – percent CO₂
0 – ppm nitric oxide (if equipped with NO)

High

600 – ppm propane (HC)
1.6 – percent CO
11.0 – percent CO₂
1200 – ppm nitric oxide (if equipped with NO)

3) The span gases used for the gas calibration shall be traceable to NIST standards within two percent and shall be within two percent of the span points specified in subsection (e)(2) of this Section.

f) Other Checks

In addition to the other periodic checks described in this Section, those described in subsections (f)(1) and (f)(2) of this Section shall also be used to verify system performance under the special circumstances described therein.

- 1) Gas Calibration
 - A) Each time the analyzer electronic or optical systems are repaired or replaced, a gas calibration shall be performed prior to returning the unit to service.
 - B) Multi-point calibrations shall be performed every 6 months. The calibration curve is checked at 20 percent, 40 percent, 60 percent, and 80 percent of full scale, and must be adjusted or repaired if the specifications in Section 276.503 are not met.
- 2) Leak Checks

Each time the sample line integrity is broken, a leak check shall be performed prior to testing.

(Source: Amended at 35 Ill. Reg. 11268, effective June 28, 2011)

Section 276.603 Evaporative System Integrity Test Maintenance and Calibration

- a) Applicability

Relevant parameters of the fuel cap pressure decay tester and leak flow testers shall be inspected according to the procedures contained in this Section.

 - 1) Pressure Decay Tester
 - A) The fuel cap pressure decay tester shall be checked for integrity at the beginning of each operating day and after 5 hours of use each day. If, after the fuel cap attachment end of the pressure decay tester is capped and pressurized to between 14 and 28 inches of water, the pressure system changes more than 0.2 inches of water over 15 seconds, the pressure decay tester shall be removed from service.
 - B) The pressure gauge for the pressure decay tester shall be checked on a weekly basis against a reference gauge. A pressure decay tester that has a deviation in the measured pressure exceeding 0.3 inches of water shall be removed from service.
 - 2) Leak Flow Tester
 - A) The accuracy of the leak flow tester shall be verified by testing and correctly identifying the passing and failing reference fuel caps at the beginning of each operating day. Reference fuel caps shall be stored in a dirt and dust free manner to prevent clogging and changes in flow rate. Reference fuel caps shall be stored at the same temperature as the leak flow fuel cap tester to provide accurate flow reference.

- B) Independent flow bench verification of the reference fuel caps and the internal flow standard orifice shall be conducted before initial usage and as recommended by the leak flow tester manufacturer or as suggested by analysis of quality control data. The bend flow verification results shall be traceable to NIST.
- C) The upstream filter for the leak flow tester shall be maintained in accordance with manufacturer's specifications.
- b) Any fuel cap leak flow tester or pressure decay tester that fails an inspection shall be removed from service until repaired and its accuracy verified.
- c) The fuel cap adapters shall be checked for leaks or damage following the recommendations of the fuel cap tester manufacturer or the fuel cap adapter supplier.

(Source: Amended at 22 Ill. Reg. 18867, effective September 28, 1998)

Section 276.604 Record Keeping

All maintenance and calibration records pertaining to emission test equipment shall be submitted to the Agency, as required, upon request.

(Source: Amended at 35 Ill. Reg. 11268, effective June 28, 2011)

Section 276.605 Transient Loaded Mode Test Equipment Maintenance and Calibration (Repealed)

(Source: Repealed at 35 Ill. Reg. 11268, effective June 28, 2011)

Section 276.606 On-Road Remote Sensing Test Systems Maintenance and Calibration

- a) All equipment utilized for on-road remote sensing emission measurement shall be maintained and calibrated according to the manufacturer's specifications.
- b) The accuracy of the Infrared SDM shall be verified by measuring the concentration of tri-blend (CO₂, HC, CO) calibration gas released from a specially modified vehicle. A two point gas calibration procedure shall be followed. The span shall be accomplished at the following pair of span points:
 - 300 – ppm propane (HC)
 - 1.0 – percent CO
 - 6.0 – percent CO₂
 - 1200 – ppm propane (HC)
 - 4.0 – percent CO
 - 12.0 – percent CO₂

The Infrared SDM shall measure the span gas within the allowable tolerance range specified in Section 276.507(b) of this Part.

(Source: Added at 22 Ill. Reg. 18867, effective September 28, 1998)

Section 276.607 On-Board Diagnostic Test Systems Maintenance and Calibration

All equipment utilized for OBD test systems shall be maintained and calibrated according to the manufacturer's specifications.

(Source: Added at 22 Ill. Reg. 18867, effective September 28, 1998)

SUBPART G: FLEET SELF TESTING REQUIREMENTS

Section 276.701 General Requirements

- a) Any owner or lessee of a fleet of 15 or more vehicles subject to inspection may apply to the Agency for a permit to establish and operate one or more private official inspection stations for the limited purpose of self-testing their fleet of vehicles.
- b) Vehicle inspections shall be conducted in accordance with Subpart B of this Part, as applicable.
- c) If the Agency substantially amends emissions test standards, procedures, or other requirements, it may require emissions inspectors to be re-certified and fleet self-testers to be re-permitted.

(Source: Amended at 35 Ill. Reg. 11268, effective June 28, 2011)

Section 276.702 Fleet Inspection Permit

The Agency may issue fleet inspection permits to eligible applicants upon a showing of compliance with the following requirements:

- a) **Equipment**
All fleet inspections shall be conducted utilizing equipment approved by the Agency. This equipment shall meet the same functional requirements, performance criteria, maintenance standards, and calibration requirements as specified in Subparts E and F of this Part.
- b) **Training**
Each fleet inspector shall be required to complete and pass a training course given by the Agency covering the following topics:
 - 1) I/M rules and regulations;
 - 2) Testing procedures;
 - 3) Analyzer use;

- 4) Analyzer calibration and quality control; and
 - 5) Data recording and submittal.
- c) General Fleet Inspection Permit Requirements
- 1) Applicants shall submit an application for a fleet inspection permit for each inspection location on forms provided by the Agency and shall include a list of vehicles that will be inspected at the private official inspection station.
 - 2) Applicants shall execute a fleet inspection agreement.
 - 3) Fleet inspection permits issued by the Agency shall expire two years after the date of issuance.
 - 4) Fleet inspection permits are not transferable.
 - 5) Any change in the name and/or address of any permittee or any fleet inspector or inspectors employed by the permittee shall be reported to the Agency in writing on forms provided by the Agency within 30 days after the change.
 - 6) A permittee may request, and the Agency may grant, a relocation of equipment at a private official inspection station.
- d) Fleet Inspection Permit Suspension and Revocation
- For the following reasons, the Agency may suspend for a period of up to two years or revoke, with the permittee being ineligible to reapply for two years, a fleet inspection permit:
- 1) The permittee has violated any applicable laws, rules, or regulations;
 - 2) The permittee has provided false or misleading information in its application for a fleet inspection permit;
 - 3) The permittee has failed to notify the Agency that a vehicle has been proposed to be added or deleted from its vehicle inventory within the time specified by the Agency;
 - 4) 20 percent or more of the vehicles in the permittee's fleet have failed to comply with the Vehicle Emissions Inspection Law of 2005;
 - 5) The permittee has misrepresented any information provided in fleet vehicle lists, vehicle inspection reports, and/or equipment maintenance

and calibration reports;

- 6) The number of vehicles subject to inspection in the permittee's fleet becomes less than 15.

(Source: Amended at 35 Ill. Reg. 11268, effective June 28, 2011)

Section 276.703 Fleet Inspection Permittee Operating Requirements

a) Vehicle Eligibility

- 1) The permittee shall furnish the Agency with a list of all vehicles subject to inspection and for which fleet inspection is requested. The permittee shall provide this list to the Agency by electronic media and shall include, at a minimum, the following:
 - A) VIN;
 - B) License plate number;
 - C) Vehicle make;
 - D) Vehicle model; and
 - E) Vehicle model year.
- 2) The permittee shall notify the Agency in writing on forms provided by the Agency or by electronic media in the format required by the Agency in the event that any vehicles in the fleet inventory are proposed to be added or deleted from its vehicle inventory within the time specified by the Agency.
- 3) Unless authorized by the Agency, vehicles contained in the fleet vehicle inventory pursuant to subsection (a) of this Section shall only be inspected at private official inspection stations. If authorization is given by the Agency for a vehicle contained in the fleet vehicle inventory to be tested or retested at an official inspection station, any subsequent retests in that vehicle's testing cycle shall be conducted at an official inspection station.

b) Inspection Frequency/Scheduling

At a minimum, all vehicles in the fleet inventory shall be inspected biennially.

c) Inspection Results

All inspection results shall be submitted to the Agency electronically.

d) Equipment, Maintenance and Calibration

All equipment used for emissions testing in private official inspection stations shall meet the functional requirements, performance criteria, maintenance standards, and calibration requirements contained in Subparts E and F of this Part.

(Source: Amended at 35 Ill. Reg. 11268, effective June 28, 2011)

Section 276.704 Private Official Inspection Station Auditing and Surveillance

- a) All private official inspection stations shall be equipped with surveillance equipment as specified in the fleet inspection agreement referenced in Section 276.702(c)(2).
- b) The Agency may, on an unscheduled and unannounced basis, during normal business hours, conduct an audit inspection of any private official inspection stations to determine if inspection equipment is properly operating and calibrated and to check inspector proficiency. During the course of the audit inspection, the Agency representative may take one or more of the following actions:
 - 1) Require that, if any vehicle emissions test equipment, calibration equipment, or related materials fails to perform as required, the item shall be removed from service until corrective action is taken;
 - 2) The fleet inspector may be required to perform an emissions inspection on a fleet vehicle. If no fleet vehicles are available, the fleet inspector may be required to perform an emissions inspection on an Agency vehicle.

(Source: Amended at 35 Ill. Reg. 11268, effective June 28, 2011)

Section 276.705 Fleet Station Auditing and Surveillance (Renumbered)

(Source: Renumbered to Section 276.704 at 20 Ill. Reg. 8456, effective June 14, 1996)

SUBPART H: GRIEVANCE PROCEDURE

Section 276.801 General Requirements

Any person aggrieved by a decision regarding the failure of an emissions test or the denial of a waiver may petition the Agency which will thereupon investigate the matter. This grievance procedure is limited to filing a petition concerning a vehicle failing an emissions inspection or being denied a waiver; it shall not be used to grieve an action or decision of Agency or contractor personnel related to any activities other than a vehicle emissions test failure or waiver denial decision.

(Source: Amended at 20 Ill. Reg. 8456, effective June 14, 1996)

Section 276.802 Procedure for Filing Grievance

- a) Grievances shall be filed with the Agency within 30 days after the decision made by the Agency.
- b) Grievances shall be made in writing on petition forms provided by the Agency.
- c) Grievance petition forms and instructions shall be available at all full-service official inspection stations and by mail from the Agency.
- d) Original repair orders, receipts, and other pertinent documentation shall be submitted with the grievance petition.
- e) Grievances and supporting documentation shall be mailed to the Agency at the address specified on the grievance petition.

(Source: Amended at 35 Ill. Reg. 11268, effective June 28, 2011)

Section 276.803 Agency Investigation

- a) The Director of the Agency or the Director's designee shall appoint an Agency employee to investigate every grievance regarding the failure of an emissions test or the denial of a waiver submitted to the Agency in accordance with this Part.
- b) The Agency's investigation shall be concluded within 45 days after the receipt of the grievance petition.
- c) Within the 45 day investigation period, the Agency shall submit to the petitioner, and affected inspector or station, its written determination indicating the correctness or incorrectness of the decision that precipitated the grievance. In conducting the investigation, the Agency may require the petitioner to present the vehicle for inspection by the Agency or its designated agent.
- d) The Agency's written determination shall include a statement of the facts relied upon and the legal and technical issues decided by the Agency in making its determinations.
- e) The Agency's written determination may also require that an employee of the Agency or its designee:
 - 1) Issue an emissions compliance certificate;
 - 2) Reinspect the vehicle;
 - 3) Apply the standards that the Agency has determined to be applicable; or

- 4) Take any other action that the Agency deems to be appropriate.
- f) If the Agency's investigation determines that a part needed to complete the necessary and appropriate repairs is unavailable after contacting at least 3 independent sources, one of which shall be the original equipment manufacturer, a waiver may be granted.

(Source: Amended at 35 Ill. Reg. 11268, effective June 28, 2011)

Section 276.804 Review of Agency's Determination

The Agency's written determination shall be subject to review in the Circuit Court in accordance with the provisions of the Administrative Review Law [735 ILCS 5/Art. III].

(Source: Amended at 20 Ill. Reg. 8456, effective June 14, 1996)

SUBPART I: NOTICES

Section 276.901 General Requirements

The Agency shall send a vehicle emissions test notice to owners of vehicles subject to inspection that shall include the TED and be accompanied by a clear statement from the Agency that, based on vehicle records, the vehicle is subject to inspection under the Vehicle Emissions Inspection Law of 2005.

(Source: Amended at 35 Ill. Reg. 11268, effective June 28, 2011)

Section 276.902 Vehicle Emissions Test Notice

At least 15 days after the beginning of the TED, the Agency shall send a vehicle emissions test notice to the registered owner of the vehicle requesting that the vehicle be tested. This vehicle emissions test notice shall include the following:

- a) Information relating to the operation of official inspection stations;
- b) Agency vehicle emissions test program contact information;
- c) Brief explanation of the program; and
- d) Instructions for vehicle inspections.

(Source: Amended at 35 Ill. Reg. 11268, effective June 28, 2011)

Section 276.903 Warning Notice (Repealed)

(Source: Repealed at 35 Ill. Reg. 11268, effective June 28, 2011)

Section 276.904 Second Warning Notice (Repealed)

(Source: Repealed at 20 Ill. Reg. 8456, effective June 14, 1996)

SUBPART J: RECIPROCITY WITH OTHER JURISDICTIONS

Section 276.1001 Requirements for Vehicles Registered in Affected Counties and Located in Other Jurisdictions Requiring Vehicle Emissions Inspection

- a) Vehicles registered in the affected counties and located and being primarily operated in other jurisdictions requiring vehicle emission testing, or that are permanently located in such other jurisdiction, must be tested in that jurisdiction and comply with the jurisdiction's emissions testing requirements and the vehicle's registered owner must comply with the following requirements:
 - 1) Upon written notification from the Agency and/or the Illinois Secretary of State to the vehicle's registered owner to have the vehicle inspected, the vehicle must be presented for inspection in the jurisdiction where the vehicle is located; and
 - 2) When the vehicle passes the inspection, receives a waiver or exemption, or otherwise complies with the emissions inspection requirements of the jurisdiction in which the vehicle is located, the vehicle inspection report or other appropriate documentation must be forwarded to the Agency using the method stated on the vehicle emission test notice.
- b) When the Agency receives the appropriate vehicle inspection report or other documentation, the vehicle inspection record will be updated to reflect compliance and the vehicle's registered owner will be issued an emission compliance certificate.

(Source: Amended at 35 Ill. Reg. 11268, effective June 28, 2011)

Section 276.1002 Requirements for Vehicles Registered in Other Jurisdictions Requiring Vehicle Emissions Inspection and Located in an Affected County

Vehicles that are registered in another jurisdiction that requires vehicle emissions testing, that are located and being primarily used in an affected county, and that would be considered a non-exempt vehicle as defined in this Part, may be tested at a full service official inspection station in accordance with the following:

- a) The vehicle's registered owner shall obtain a voluntary test voucher from the Agency prior to inspection;

- b) The vehicle's registered owner shall have the vehicle inspected; and
- c) After the vehicle has received an emissions inspection, the appropriate test results will be issued to the vehicle's registered owner for submission to the jurisdiction requiring emissions inspections.

(Source: Amended at 35 Ill. Reg. 11268, effective June 28, 2011)

SUBPART K: REPAIR FACILITY PERFORMANCE REPORTING

Section 276.1101 Requirements for Collecting and Reporting Data Pertaining to the Repair of Vehicles that Failed or Were Rejected from an Emissions Inspection

- a) The Agency shall:
 - 1) Compile pertinent emissions repair data into a report that is provided to owners of vehicles that do not pass an emissions inspection and that is made available to the general public; and
 - 2) Specify the method for transmitting repair data to the Agency.
- b) Individuals or businesses that perform emissions-related repairs and report that data to the Agency shall:
 - 1) Register at a website specified by the Agency and agree to be bound by the terms and conditions of any user agreement associated with that website;
 - 2) Submit accurate, complete, and legible repair data in order to be included in the compiled report; and
 - 3) Perform a minimum number of repairs within a specified period of time and achieve a minimum performance level as determined by the Agency in order to be included in the compiled report.
- c) An individual or business shall be excluded from the compiled report for not less than one year if the Agency determines that:
 - 1) An individual or business has violated a user agreement as referenced in subsection (b)(1) of this Section;
 - 2) An individual or business has violated Illinois law or rule or any provision of a local ordinance, code, or rule relating to solicitation or advertisement of emission-related repair services;

- 3) An individual or business uses the Agency servicemark, Illinois Air Team servicemark, or Air Team servicemark; uses any reproduction, counterfeit, copy, variation, or imitation of these servicemarks; or uses the Agency, Illinois Air Team, or Air Team name in any of their advertisements, solicitations, or other marketing devices without prior written authorization of the Agency;
 - 4) An individual or business directly or indirectly creates the impression that the Agency, Illinois Air Team, or Air Team endorses, approves, or recommends the emission-related repair services of the individual or business; or
 - 5) An individual or business intentionally, negligently, or through gross negligence affects or attempts to affect the integrity of a vehicle emissions inspection or an inspection procedure.
- d) If the Agency determines that an individual or business has repeated any action listed in subsection (c) of this Section, the Agency may permanently exclude the individual or business from the compiled report.
- e) Agency Determinations, Disputes, and Appeals
- 1) Agency Determinations
Agency determinations under subsection (c) or (d) of this Section shall be furnished in writing to the individual or business by mail, electronic mail, facsimile, personal service, or similar means.
 - 2) Disputes
 - A) An individual or business that disagrees with an Agency determination under subsection (c) or (d) of this Section may dispute that determination. Disputes shall:
 - i) Be in writing;
 - ii) Include a copy of the Agency's written determination;
 - iii) Include a justification with any supporting documentation explaining why the individual or business should not be excluded from the compiled report; and
 - iv) Be clearly marked "Repair Facility Performance Report Dispute".
 - B) The written dispute must be postmarked within 30 days after the date of the Agency's determination.

C) If the written dispute has not been disposed of by written agreement within 30 days after the postmarked date of the written dispute, the individual or business may appeal the Agency's determination to the Director in accordance with subsection (e)(3) of this Section.

3) Appeals

A) If a dispute is not disposed of by written agreement as specified in subsection (e)(2) of this Section, an individual or business may file a notice of appeal with the Director of the Agency.

B) A notice of appeal shall:

i) Be in writing;

ii) Include a copy of the Agency's written determination;

iii) Include a copy of the written dispute;

iv) Include any additional justification with any supporting documentation explaining why the individual or business should not be excluded from the compiled report; and

v) Be clearly marked "Repair Facility Performance Report Appeal".

C) The notice of appeal must be postmarked within 60 days after the postmarked date of the written dispute.

D) The appeal shall be decided by the Director, or his or her authorized representative, who shall render a decision in writing. This decision shall be furnished to the individual or business by mail, electronic mail, facsimile, personal service, or similar means. The decision of the Director shall be final and conclusive.

E) The Director shall not be precluded from considering questions of law or equity in any decision.

(Source: Added at 35 Ill. Reg. 11268, effective June 28, 2011)

Section 276.TABLE A Transient Driving Cycle (Repealed)

(Source: Repealed at 35 Ill. Reg. 11268, effective June 28, 2011)

Section 276.TABLE B Fast-Pass Speed Variation Limits Using Positive Kinetic Energy (PKE) Measurements (Repealed)

(Source: Repealed at 35 Ill. Reg. 11268, effective June 28, 2011)

Attachment 4

Notice of EMISSION STANDARDS AND
LIMITATIONS FOR MOBILE SOURCES
(35 Ill. Adm. Code 240)

First set of amendments adopted by the Illinois
Pollution Control Board on December 7, 2000
with an effective date of December 18, 2000
(24 Ill. Reg. 19188)
expedited correction at
(25 Ill. Reg. 5973)

Second set of amendments adopted by the Illinois
Pollution Control Board on December 6, 2001
with an effective date of December 18, 2001
(25 Ill. Reg. 16379)

ILLINOIS POLLUTION CONTROL BOARD
December 7, 2000

IN THE MATTER OF:)
)
ENHANCED VEHICLE INSPECTION AND) R01-12
MAINTENANCE (I/M) REGULATIONS:) (Rulemaking - Air)
AMENDMENTS TO 35 ILL. ADM. CODE)
PART 240)

Final Order. Adopted Rule.

OPINION AND ORDER OF THE BOARD (by C.A. Manning):

On August 21, 2000, the Illinois Environmental Protection Agency (Agency) filed with the Board proposed amendments to the enhanced vehicle inspection and maintenance (I/M) regulations at 35 Ill. Adm. Code 240. The Agency's proposal was filed under Section 13B-20(a) of the Vehicle Emissions Law of 1995 (Vehicle Emissions Law) (625 ILCS 5/13B-1 *et seq.* (1998)). The Vehicle Emissions Law provides that Section 27(b) of the Environmental Protection Act (Act) (415 ILCS 5/27(b) (1998)) and the rulemaking provisions of the Administrative Procedure Act (APA) (5 ILCS 100/1-1 *et seq.* (1998)) "shall not apply to rules adopted by the Board under this subsection." 625 ILCS 5/13B-20(a) (1998). Additionally, Section 13B-20(a) requires the Board to adopt rules within 120 days after it receives the Agency's proposal, that is, on or before December 19, 2000.

On August 24, 2000, the Board accepted the proposal for hearing and directed the proposal be filed for publication in the *Illinois Register* as a proposal for public comment. The proposal for public comment appeared in the *Illinois Register* on September 15, 2000, 24 Ill. Reg. 13820.

The Board held two public hearings in this matter. The first hearing was held before Hearing Officer Richard McGill on October 11, 2000, in Chicago, Illinois. The second hearing was held before Hearing Officer Andrew Boron on October 20, 2000, in Collinsville, Illinois. At both hearings the Agency offered testimony in support of its proposal. Specifically, the following Agency personnel participated in the Board proceedings: Elizabeth R. Tracy, manager of the Division of Vehicle Inspection and Maintenance, Bureau of Air; Christopher P. Demeroukas, attorney, Bureau of Air; and James Matheny, manager of technical services in the Division of Inspection and Maintenance, Bureau of Air. On November 9, 2000, the Agency filed public comments (PC 1). The Board received no other testimony or public comments.

The Board today adopts amendments to 35 Ill. Adm. Code 240. The amendments include changes to the proposal suggested by the Agency and the Joint Committee on Administrative Rules, as well as a few other minor changes.

FEDERAL STATUTORY BACKGROUND

Sections 182(b) and (c) of the federal Clean Air Act (CAA) (42 U.S.C. §§ 7511(a), (b), (c)) require states to implement vehicle “inspection and maintenance” (I/M) programs in areas that do not meet National Ambient Air Quality Standards (NAAQS) for ozone or carbon monoxide. Areas that do not meet NAAQS are referred to as “nonattainment” areas.

The CAA requires “basic” I/M programs in “moderate” and “marginal” ozone nonattainment areas with existing I/M programs. It requires “enhanced” I/M programs in “serious,” “severe,” and “extreme” ozone nonattainment areas with a population of 200,000 or more. The CAA also requires states to submit, for the approval of the United States Environmental Protection Agency (USEPA), revisions of their State Implementation Plans (SIPs) that describe a satisfactory I/M program and assure that the I/M program will be implemented.

In Illinois, two areas do not meet the NAAQS for ozone: (1) the Chicago metropolitan nonattainment area, which is a severe nonattainment area; and (2) the Metro-East St. Louis nonattainment area, which is a moderate nonattainment area. Under the Vehicle Emission Inspection Law, the Agency has proposed, and the Board has adopted an enhanced I/M program for these two nonattainment areas in 35 Ill. Adm. Code 240. See Enhanced Vehicle Inspection and Maintenance (I/M) Regulations: Amendments to 35 Ill. Adm. Code 240 (July 8, 1998), R98-24; (December 1, 1994), R94-20; (December 1, 1994), R94-19.

AGENCY PROPOSAL

The Agency proposes amendments to 35 Ill. Adm. Code 240 with respect to the enhanced I/M program for the Chicago metropolitan and Metro-East St. Louis nonattainment areas. See Agency Statement of Reasons at 3-4. The Agency describes its proposed changes as follows:

1. delaying the implementation of “pass/fail” on-board diagnostic testing from January 1, 2001, to January 1, 2002;
2. retaining current, more lenient “start-up” hydrocarbon and carbon monoxide emission standards for model year 1981 through model year 1986 light duty vehicles, light duty trucks 1, and light duty trucks 2; and
3. adding several definitions, incorporating USEPA guidance by reference, eliminating outdated provisions, and clarifying certain provisions. See Agency Statement of Reasons at 3, 5-9, 11-13; Agency Summary of Testimony of Elizabeth R. Tracy at 1-2.

The Agency describes these proposed changes as “relatively minor adjustments to the Enhanced I/M program.” Agency Statement of Reasons at 5. The Agency states that it is proposing the amendments “to enable Illinois to meet federal and state mandated enhanced emissions testing requirements.” *Id.* at 3. The Agency also states that its proposal is “designed

to promote the acceptance of and adherence to the enhanced I/M program, and to refine certain test requirements” *Id.* at 5.

THE ADOPTED AMENDMENTS

Federal regulations require the adoption by states of standards that result in a reduction of vehicle emissions through testing procedures meeting, or exceeding, the amount of emissions that would be reduced if its “model” I/M program design was implemented. USEPA requires certain “design elements” to be a part of any enhanced I/M plan, but allows states to vary certain program inputs as long as the plan achieves the same or greater reductions in emissions than those required by USEPA’s applicable performance standard. The Board has adopted certain required standards for Illinois’ enhanced I/M program, and the Agency has adopted certain necessary procedural rules at 35 Ill. Adm. Code 276.

The amendments the Board is adopting today are designed to promote the acceptance of and adherence to the enhanced I/M program, and to refine certain test requirements by retaining current “start-up” emissions standards for certain categories of older vehicles, and by extending for one year the implementation of “pass/fail” on-board diagnostic testing, and to make necessary clarifications to the current rule.

Currently, the Agency’s emissions testing contractor is performing “advisory” on-board diagnostic testing. This consists of attempting to gather information from 1996 and newer vehicles presented for testing with on-board diagnostic ports to determine if one or more emissions control components or systems is not functioning properly and is in need of repair. The testing is “advisory,” in that there is no consequence to a motorist whose vehicle fails a test. Currently a motorist is simply notified whether his or her vehicle would have passed or failed had the test been a mandatory part of the inspection. Once the “pass/fail” test becomes mandatory rather than advisory, the consequence of failure can be as severe as suspension of either the vehicle owners driving privileges or vehicle registration. Delaying the beginning of “pass/fail” on-board diagnostic testing will allow the Agency to address problems with the acquisition and analysis of data from certain vehicles’ on-board diagnostic ports.

The Agency notes the proposed beginning of “pass/fail” on-board diagnostic testing should be “no later than January 1, 2002” instead of “January 1, 2002,” as referenced incorrectly both in the statement of reasons and in the proposed amendatory text at proposed amendments to Section 240.191. Exh. 1 at 1. At hearing, the Board expressed concern about the fairness to the public of the “no later than” deadline of Section 240.191. Tracy testified the Agency would have “an adequate public education and information program” prior to initiating the “pass/fail” on-board diagnostic testing. Tr. 1 at 23. The Board continues to have concerns and accordingly adopts the rule as originally proposed. If the Agency is prepared to being “pass/fail” on-board diagnostic testing prior to January 1, 2002, the Agency can propose a revision to the rule at that time.

In response to Board questions, additional changes have been made to the rule for clarity and for the workability of the program. Although a majority of the changes were minor, the

Board suggested one noteworthy change, which the Agency notes in PC 1. In response to Board concerns regarding proposed amendments to 240.162 and 240.163, the Agency agrees that its proposal in both these sections should be revised to include specific dates. PC 1 at 1-2. The Agency suggests revising Sections 240.162 and 240.163 to read:

Section 240.162 Vehicle Exhaust Emission Start-Up Standards

Vehicle exhaust emission start-up standards contained in Section 240. Table A of this Part shall apply for all vehicles subject to inspection until January 31, 2001. ~~two years after the beginning of IM240 testing.~~ Beginning February 1, 2001, these standards shall continue to apply to all model year 1981 through model year 1987 LDV, LDT1, and LDT2 vehicles. All standards are expressed in grams per mile (gpm).

Section 240.163 Vehicle Exhaust Emission Final Standards

Beginning February 1, 2001, vehicle ~~Vehicle~~ exhaust emission final standards contained in Section 240. Table B of this part shall apply for all vehicles subject to inspection ~~beginning at the conclusion of testing using the start-up vehicle exhaust emissions standards required in Section 240.162~~ except for model year 1981 through model year 1987 LDV, LDT1, and LDT2 vehicles, which shall continue to use the standards contained in Section 240. Table A of this Part as described in Section 240.162. All standards are expressed in grams per mile (gpm).

CONCLUSION

As previously discussed, Sections 182(b) and (c) of the CAA (42 U.S.C. §§ 7511a(b), (c)) require states to implement vehicle “inspection and maintenance” I/M programs in areas that do not meet NAAQS for ozone or carbon monoxide. Accordingly, the Board adopts the suggested amendments to 35 Ill. Adm. Code 240 to bring the Illinois I/M program into conformity with all CAA requirements. The rules adopted today incorporate all of the Agency’s suggested changes.

In general, the Board finds that the Agency proposal and supporting documentation demonstrates that the proposal will enable Illinois to: (1) meet federal and state mandated enhanced emissions testing requirements, and (2) promote the acceptance of and adherence to the enhanced I/M program. Specifically, the Board amends the rules to delay the implementation of “pass/fail” on-board diagnostic testing from January 1, 2001 to January 1, 2002. The Board also amends the rules to retain current, more lenient “start-up” hydrocarbon and carbon monoxide emission standards for model year 1981 through model year 1987 light duty vehicles, light duty trucks 1, and light duty trucks 2. Finally, the Board amends the rules by adding several definitions, eliminating outdated provisions, and clarifying certain provisions. Changes suggested by the Joint Committee on Administrative Rules have also been incorporated.

ORDER

The Clerk is directed to cause filing with the Secretary of State and publication in the *Illinois Register* of the following adopted amendments to the Board's I/M program at 35 Ill. Adm. Code 240.

TITLE 35: ENVIRONMENTAL PROTECTION
 SUBTITLE B: AIR POLLUTION
 CHAPTER I: POLLUTION CONTROL BOARD
 SUBCHAPTER k: EMISSION STANDARDS AND LIMITATIONS FOR MOBILE SOURCES

PART 240
 MOBILE SOURCES

SUBPART A: DEFINITIONS AND GENERAL PROVISIONS

Section	
240.101	Preamble
240.102	Definitions
240.103	Prohibitions
240.104	Inspection
240.105	Penalties
240.106	Determination of Violation

SUBPART B: EMISSIONS

Section	
240.121	Smoke Emissions
240.122	Diesel Engine Emissions Standards for Locomotives
240.123	Liquid Petroleum Gas Fuel Systems
240.124	Vehicle Exhaust Emission Standards <u>(Repealed)</u>
240.125	Compliance Determination <u>(Repealed)</u>

SUBPART C: HEAVY-DUTY DIESEL SMOKE OPACITY STANDARDS AND TEST PROCEDURES

Section	
240.140	Applicability
240.141	Heavy-Duty Diesel Vehicle Smoke Opacity Standards and Test Procedures

SUBPART D: STEADY-STATE IDLE MODE TEST EMISSION STANDARDS

Section	
240.151	Applicability

- 240.152 Steady-State Idle Mode Vehicle Exhaust Emission Standards
 240.153 Compliance Determination

SUBPART E: TRANSIENT LOADED MODE TEST EMISSION STANDARDS

Section

- 240.161 Applicability
 240.162 Vehicle Exhaust Emission Start-Up Standards
 240.163 Vehicle Exhaust Emission Final Standards
 240.164 Vehicle Exhaust Emission Fast-Pass Standards
 240.165 Compliance Determination

SUBPART F: EVAPORATIVE TEST STANDARDS

Section

- 240.171 Applicability
 240.172 Evaporative System Integrity Test Standards
 240.173 Evaporative System Purge Test Standards (Repealed)

SUBPART G: ON-ROAD REMOTE SENSING TEST EMISSION STANDARDS

- 240.181 Applicability
 240.182 On-Road Remote Sensing Emission Standards
 240.183 Compliance Determination

SUBPART H: ON-BOARD DIAGNOSTIC TEST STANDARDS

- 240.191 Applicability
 240.192 On-Board Diagnostic Test Standards
 240.193 Compliance Determination

- 240.Appendix A Rule into Section Table
 240.Appendix B Section into Rule Table

- 240.Table A Vehicle Exhaust Emission Start-Up Standards
 240.Table B Vehicle Exhaust Emission Final Standards
 240.Table C Vehicle Exhaust Emission Fast-Pass Standards

AUTHORITY: Implementing Sections 9, 10 and 13 and authorized by Section 27 ~~and 28.5~~ of the Environmental Protection Act [415 ILCS 5/9, 10, 13, ~~and 27, and 28.5~~] and Section 13B-20 of the Vehicle Emissions Inspection Law of 1995 [625 ILCS 5/13B-20]. (~~see Section 10 of P.A. 90-475, effective August 16, 1997~~).

SOURCE: Adopted as Chapter 2: Air Pollution, Part VII: Mobile Sources, filed and effective April 14, 1972; codified at 7 Ill. Reg. 13628; amended in R85-25, at 10 Ill. Reg. 11277, effective June 16, 1986; amended in R90-20 at 16 Ill. Reg. 6184, effective April 7, 1992; amended in R94-20 at 18 Ill. Reg. 18013, effective December 12, 1994; amended in R94-19 at 18 Ill. Reg. 18228, effective December 20, 1994; amended in R98-24 at 22 Ill. Reg. 13723, effective July 13, 1998; expedited correction at 22 Ill. Reg. 21120, effective July 13, 1998; amended at 24 Ill. Reg. _____, effective _____.

BOARD NOTE: This part implements the Environmental Protection Act as of July 1, 1994.

NOTE: Capitalization denotes statutory language.

SUBPART A: DEFINITIONS AND GENERAL PROVISIONS

Section 240.102 Definitions

All terms which appear in this Part have the definitions specified in this Part and 35 Ill. Adm. Code 201 and 211. Where conflicting definitions occur, the definitions of this Section apply in this Part.

“Adjusted loaded vehicle weight (“ALVW”)” means the value of the vehicle curb weight plus gross vehicle weight rating divided by two.

“Agency” means the Illinois Environmental Protection Agency.

"Diesel engine" means all types of internal-combustion engines in which air is compressed to a temperature sufficiently high to ignite fuel injected directly into the cylinder area.

"Diesel locomotive" means a diesel engine vehicle designed to move cars on a railway.

“Evaporative system integrity test” means a test of a vehicle’s evaporative system. The test shall either consist of a leak check of a vehicle’s fuel cap with a fuel cap pressure decay tester (fuel cap pressure decay test), a fuel cap leak flow tester (fuel cap leak flow test), or a visual functional check, as applicable.

“Fuel cap” means a device used to seal a vehicle’s fuel inlet.

“Fuel cap leak flow test” means a test which may be performed in accordance with this Part on a vehicle’s fuel cap using a fuel cap leak flow tester to determine whether the vehicle complies with the evaporative system emission standards of this Part.

“Fuel cap leak flow tester” means a device used to determine the leak flow integrity of a vehicle’s fuel cap by comparing the measured leak flow of the fuel cap with an established fuel cap leak flow standard.

“Fuel cap pressure decay test” means the test performed in accordance with this Part on a vehicle’s fuel cap using a fuel cap pressure decay tester to determine whether the vehicle complies with the evaporative system emission standards of this Part.

“Fuel cap pressure decay tester” means a device used to determine the pressure decay integrity of a vehicle’s fuel cap by monitoring the pressure behind the fuel cap for a ten second period and comparing the measured pressure decay of the fuel cap to an established fuel cap pressure decay standard.

“Fuel cap visual functional test” means the test performed in accordance with this Part on a vehicle’s fuel cap using visual analysis to determine whether the vehicle complies with the evaporative system emission standards of this Part.

"Full power position" means the throttle position at which the engine fuel delivery is at maximum flow.

"Gross vehicle weight rating (GVWR)" means the value specified by the manufacturer as the maximum design loaded weight of a single vehicle.

"Heavy duty vehicle" means any motor vehicle rated at more than 8500 pounds GVWR or that has a vehicle curb weight of more than 6000 pounds or that has a basic vehicle frontal area in excess of 45 square feet.

"High idle" means a vehicle operating condition with engine disconnected from an external load (placed in either neutral or park) and operating at speed of 2500 ± 300 RPM.

“IM240” means the transient mass emissions inspection procedure that the USEPA developed and has been implemented for use in the Illinois Enhanced Vehicle Inspection and Maintenance Program. 240 refers to the 240 second maximum duration of the driving cycle that the vehicle undergoes as it is positioned on the dynamometer and essentially driven for the purpose of measuring the mass amount of emissions coming out of the tail pipe.

"Idle mode" means that portion of a vehicle emission test procedure conducted with the engine disconnected from an external load and operating at minimum throttle.

"Initial idle mode" means the first of up to two idle mode sampling periods during a steady-state idle mode test, during which exhaust emission measurements are made with the vehicle in "as-received" condition.

"Light duty truck 1" means a motor vehicle rated at 6000 pounds maximum GVWR or less and which has a vehicle frontal area of 45 square feet or less, and which is designed primarily for purposes of transportation of property or is a derivation of such a vehicle, or is designed primarily for transportation of persons and has a capacity of more than 12 persons, or is available with special features enabling off-street or off-highway operation and use.

"Light duty truck 2" means a motor vehicle rated between 6001 and 8500 pounds maximum GVWR and which has a vehicle frontal area of 45 square feet or less, and which is designed primarily for purposes of transportation of property or is a derivation of such a vehicle, or is designed primarily for transportation of persons and has a capacity of more than 12 persons, or is available with special features enabling off-street or off-highway operation and use.

"Light duty vehicle" means a passenger car or passenger car derivative capable of seating 12 passengers or fewer.

"Loaded mode" means that portion of a vehicle emission test procedure conducted with the vehicle positioned and operating under load on a chassis dynamometer.

"Loaded vehicle weight (LVW)" means the vehicle curb weight plus 300 pounds.

"Measured values" means five second running averages of exhaust emission concentrations sampled at a minimum rate of twice per second.

"Model year" means the year of manufacture of a motor vehicle based upon the annual production period as designated by the manufacturer and indicated on the title and registration of the vehicle. If the manufacturer does not designate a production period for the vehicle, then "model year" means the calendar year of manufacture.

"Motor vehicle" as used in this Part, shall have the same meaning as in Section 1-146 of the Illinois Vehicle Code [625 ILCS 5/1-146].

"Preconditioning mode" means a period of steady-state loaded mode or high-idle operation conducted to ensure that the engine and emissions

control system components are operating at normal operating temperatures, thus minimizing false failures caused by improper or insufficient warm-up.

"Second-chance idle mode" means the second of two idle mode sampling periods during a steady-state idle mode test, preceded by a preconditioning mode and utilized as a second chance to pass idle exhaust emission standards immediately following an initial idle mode failure.

"Smokemeter or opacimeter" means an optical instrument designed to measure the opacity of smoke or diesel exhaust gases using the light extinction method.

"Snap-idle cycle" means rapidly depressing the accelerator pedal from normal idle to the full power position while the vehicle is in neutral, holding the pedal in the position for no longer than ten seconds or until the engine reaches maximum RPM, and fully releasing the pedal so that the engine decelerates to normal idle.

"Steady-state idle test" means a vehicle emission test procedure consisting of an initial idle mode measurement of exhaust emissions followed, if necessary, by a loaded or high idle preconditioning mode and a second-chance idle mode.

"Transient loaded mode test" or "IM240 testing" or "transient IM240 loaded mode exhaust emission test procedure" or "transient IM240 test procedure" means a vehicle emissions test run on an inertial and power absorbing dynamometer using USEPA's IM240 driving cycle consisting of accelerations and decelerations simulating on-road driving conditions.

"Vehicle curb weight" means the actual vehicle weight plus standard equipment and a full fuel tank.

(Source: Amended at 24 Ill. Reg. _____, effective _____)

Section 240.104 Inspection

- a) ~~All motor vehicles subject to inspection pursuant to Section 13A-104 of the Vehicle Emissions Inspection Law [625 ILCS 5/13A-104] shall comply with the exhaust emission standards for carbon monoxide and hydrocarbons set forth at Section 240.124 of this Part.~~
- b) All motor vehicles subject to inspection pursuant to Section 13B-15 of the Vehicle Emissions Inspection Law [625 ILCS 5/13B-15] shall comply with

applicable vehicle emission standards contained in Sections 240.152, 240.162, 240.163, 240.172, 240.182 and 240.192 of this Part.

(Source: Amended at 24 Ill. Reg. _____, effective _____)

Section 240.105 Penalties

- a) Any violations of Sections 240.103, 240.121, 240.122, and 240.123 of this Part shall be subject to the penalties as set forth in Section 42 of the Act [415 ILCS 5/42].
- b) ~~Any violations of Sections 240.104(a) and 240.124 of this Part shall be subject to the penalties as set forth in Sections 13A-112 and 13A-113 of the Vehicle Emissions Inspection Law [625 ILCS 5/13A-112 and 13A-113].~~
- e) Any violations of Sections 240.104(b), 240.152, 240.162, 240.163, 240.172, 240.182, and 240.192 of this Part shall be subject to the penalties as set forth in Sections 13B-55 and 13B-60 of the Vehicle Emissions Inspection Law.

(Source: Amended at 24 Ill. Reg. _____, effective _____)

Section 240.106 Determination of Violation

- a) Any violations of Sections 240.103, 240.121, 240.122, and 240.123 of this Part shall be determined by visual observation or by a test procedure employing an opacity measurement system as qualified by 35 Ill. Adm. Code 201, Subpart J.
- b) Any violations of Sections ~~240.124~~, 240.152, 240.162, 240.163, 240.172, 240.182, or 240.192 of this Part shall be determined in accordance with test procedures adopted by the Agency in 35 Ill. Adm. Code 276.

(Source: Amended at 24 Ill. Reg. _____, effective _____)

SUBPART B: EMISSIONS

Section 240.124 Vehicle Exhaust Emission Standards (Repealed)

- a) ~~Exhaust emissions from light duty vehicles shall not exceed the following limitations:~~

Model Year	Carbon Monoxide	Hydrocarbons as
	(%)	Hexane
		(ppm)

1968—1971	9.0	900
1972—1974	8.0	800
1975—1977	7.0	700
1978—1979	6.0	600
1980	3.0	300
1981 and later	1.2	220

b) ~~Exhaust emissions from light duty trucks, which for the purposes of this subsection means a motor vehicle rated at 8000 pounds gross vehicle weight or less which is designed for carrying more than 10 persons or designed for the transportation of property, freight or cargo, or is a derivative of such a vehicle, shall not exceed the following limitations:~~

Model Year	Carbon Monoxide (%)	Hydrocarbons as Hexane (ppm)
1968—1971	9.0	900
1972—1974	8.0	800
1975—1978	7.0	700
1979—1980	6.0	600
1981—1983	3.0	300
1984 and later	1.2	220

c) ~~Exhaust emissions from heavy duty vehicles, which for the purposes of this subsection means a vehicle with 8001 pounds or greater manufacturer's maximum gross vehicle weight rating (GVWR), shall not exceed the following limitations:~~

Model Year	Carbon Monoxide %	Hydrocarbons as Hexane (ppm)
1968—1971	9.5	1500
1972—1978	9.0	900
1979—1984	7.0	700
1985 and later	3.0	300

(Source: Repealed at 24 Ill. Reg. _____, effective _____)

Section 240.125 Compliance Determination (Repealed)

~~For purposes of determining compliance with Section 240.124 of this Part, all vehicles shall be inspected while operating in the idle mode, and all 1981 and later model year light duty vehicles and light duty trucks (as defined in Subsection 240.124(b) of this Part) shall be inspected at high idle during a two-speed idle test.~~

(Source: Repealed at 24 Ill. Reg. _____, effective _____)

SUBPART E: TRANSIENT LOADED MODE TEST EMISSION STANDARDS

Section 240.162 Vehicle Exhaust Emission Start-Up Standards

Vehicle exhaust emission start-up standards contained in Section 240. Table A of this Part shall apply for all vehicles subject to inspection until ~~two years after the beginning of IM240 testing~~ January 31, 2001. From February 1, 2001, onward, these standards shall continue to apply to all model year 1981 through model year 1987 LDV, LDT1, and LDT2 vehicles. All standards are expressed in grams per mile (gpm).

(Source: Amended at 24 Ill. Reg. _____, effective _____)

Section 240.163 Vehicle Exhaust Emission Final Standards

Beginning February 1, 2001, vehicle ~~Vehicle~~ exhaust emission final standards contained in Section 240. Table B of this Part shall apply for all vehicles subject to ~~inspection beginning at the conclusion of testing using the start up vehicle exhaust emissions standards required in Section 240.162~~ except for model year 1981 through model year 1987 LDV, LDT1, and LDT2 vehicles, which shall continue to use the standards contained in Section 240. Table A of this Part as described in Section 240.162. All standards are expressed in grams per mile (gpm).

(Source: Amended at 24 Ill. Reg. _____, effective _____)

Section 240.164 Vehicle Exhaust Emission Fast-Pass Standards

Vehicle exhaust emissions fast-pass standards contained in Section 240. Table C of this Part will apply for all vehicles subject to inspection under Section 240.161 of this Part utilizing the IM240 transient loaded mode exhaust emission test procedures that ~~have been~~ will be adopted by the Agency in 35 Ill. Adm. Code 276. All standards are expressed as the cumulative grams for each second of the composite and Phase 2 tests.

(Source: Amended at 24 Ill. Reg. _____, effective _____)

Section 240.165 Compliance Determination

- a) Vehicle Exhaust Emission Start-Up and Final Standards - Compliance shall be determined based upon the measurement of exhaust emissions while operating the vehicle on a dynamometer and following the driving cycle as specified for the transient IM240 test procedures adopted by the Agency. If the corrected, composite emission rates exceed standards for any pollutant, additional analysis of test results shall review the second phase ("Phase 2") of the driving cycle separately. Phase 2 shall include second 94 through second 239 of the driving

cycle. Second-by-second emission rates in grams and composite emission rates in grams per mile for Phase 2 and for the entire composite test shall be recorded for each pollutant. For any given pollutant, if the composite emission level is at or below the composite standard or if the Phase 2 grams per mile emission level is at or below the applicable Phase 2 standard, then the vehicle shall pass the test for that pollutant. Composite and Phase 2 emission rates shall be calculated in accordance with procedures specified in "High-Tech I/M Procedures, Emissions Standards, Quality Control Requirements, and Equipment Specifications: IM240 and Functional Evaporative System Tests, Revised Technical Guidance", incorporated by reference at Section ~~240.107(c)~~ 240.107 of this Part.

- b) Vehicle Exhaust Emission Fast-Pass Standards - Compliance will be determined based upon the measurement of exhaust emissions while operating the vehicle on a dynamometer and following the driving cycle as specified for the transient IM240 test procedures adopted by the Agency. Vehicles will be fast-passed using the following algorithm:
- 1) Beginning at second 30 of the driving cycle, cumulative second-by-second emission levels for each second, calculated from the start of the cycle in grams, will be compared to the cumulative fast-pass emission standards for the second under consideration. Beginning at second 109, fast-pass decisions are based upon analysis of cumulative emissions in Phase 2, the portion of the test beginning at second 94, as well as emission levels accumulated from the beginning of the composite test.
 - 2) A vehicle will pass the transient IM240 test for a given pollutant if either of the following conditions occurs:
 - A) cumulative emissions of the pollutant are below the full cycle fast-pass standard for the second under consideration; or
 - B) at second 109 and later, cumulative Phase 2 emissions are below the Phase 2 fast-pass standards for the second under consideration.
 - 3) Testing may be terminated when fast-pass criteria are met for all subject pollutants in the same second.
 - 4) If a fast-pass determination cannot be made for all subject pollutants before the driving cycle ends, the pass/fail determination for each component will be based on composite or Phase 2 emissions over the full driving cycle according to the procedures in subsection (a) of this Section. In cases where fast-pass standards are not used, composite emission rates in grams per mile for Phase 2 and for the entire composite test will be recorded for each pollutant.

- 5) Composite and Phase 2 emission rates will be calculated in accordance with procedures specified in “High-Tech I/M Procedures, Emissions Standards, Quality Control Requirements, and Equipment Specifications: IM240 and Functional Evaporative System Tests, Revised Technical Guidance” incorporated by reference at Section 240.107(c) ~~240.107~~ of this Part.

(Source: Amended at 24 Ill. Reg. _____, effective _____)

SUBPART H: ON-BOARD DIAGNOSTIC TEST STANDARDS

Section 240.191 Applicability

The standards of this Subpart apply to all 1996 and newer model year light duty vehicles, light duty trucks 1, and light duty trucks 2 that are required to meet the standards contained in 40 ~~C.F.R.~~CFR § 86.094-17 and which are inspected utilizing the on-board diagnostic test procedures ~~contained that will be adopted by the Agency~~ in 35 Ill. Adm. Code 276. Vehicles that receive a result of fail do not thereby fail their emissions test until January 1, 2002 ~~2001~~.

(Source: Amended at 24 Ill. Reg. _____, effective _____)

Section 240.TABLE A Vehicle Exhaust Emission Start-Up Standards

Light Duty Vehicles:

Model Years	Hydrocarbons		Carbon Monoxide		Oxides of Nitrogen	
	Composite (gpm)	Phase 2 (gpm)	Composite (gpm)	Phase 2 (gpm)	Composite (gpm)	Phase 2 (gpm)
1996+	0.80	0.50	15.0	12.0	2.0	Reserved
1991-1995	1.20	0.75	20.0	16.0	2.5	Reserved
1983-1990	2.00	1.25	30.0	24.0	3.0	Reserved
1981-1982	2.00	1.25	60.0	48.0	3.0	Reserved

Light Duty Trucks 1:

Model Years	Hydrocarbons		Carbon Monoxide		Oxides of Nitrogen	
	Composite (gpm)	Phase 2 (gpm)	Composite (gpm)	Phase 2 (gpm)	Composite (gpm)	Phase 2 (gpm)

1996+ (≤ 3750 LVW)	0.80	0.50	15.0	12.0	2.0	Reserved
(> 3750 LVW)	1.00	0.63	20.0	16.0	2.5	Reserved
1991-1995	2.40	1.50	60.0	48.0	3.0	Reserved
1988-1990	3.20	2.00	80.0	64.0	3.5	Reserved
1984-1987	3.20	2.00	80.0	64.0	7.0	Reserved
1981-1983	7.50	5.00	100.0	80.0	7.0	Reserved

Light Duty Trucks 2:

Model Years	Hydrocarbons		Carbon Monoxide		Oxides of Nitrogen	
	Composite (gpm)	Phase 2 (gpm)	Composite (gpm)	Phase 2 (gpm)	Composite (gpm)	Phase 2 (gpm)
1996+ (≤ 5750 <u>ALVW</u>)	1.00	0.63	20.0	16.0	2.5	Reserved
(> 5750 <u>ALVW</u>)	2.40	1.50	60.0	48.0	4.0	Reserved
1991-1995	2.40	1.50	60.0	48.0	4.5	Reserved
1988-1990	3.20	2.00	80.0	64.0	5.0	Reserved
1984-1987	3.20	2.00	80.0	64.0	7.0	Reserved
1981-1983	7.50	5.00	100.0	80.0	7.0	Reserved

(Source: Amended at 24 Ill. Reg. _____, effective _____)

Section 240.TABLE B Vehicle Exhaust Emission Final Standards

Light Duty Vehicles:

Model Years	Hydrocarbons		Carbon Monoxide		Oxides of Nitrogen	
	Composite (gpm)	Phase 2 (gpm)	Composite (gpm)	Phase 2 (gpm)	Composite (gpm)	Phase 2 (gpm)
1996+	0.60	0.40	10.0	8.0	1.5	Reserved
1983-1995	0.80	0.50	15.0	12.0	2.0	Reserved
1981-1982	0.80	0.50	30.0	24.0	2.0	Reserved

Light Duty Trucks 1:

Model Years	Hydrocarbons		Carbon Monoxide		Oxides of Nitrogen	
	Composite (gpm)	Phase 2 (gpm)	Composite (gpm)	Phase 2 (gpm)	Composite (gpm)	Phase 2 (gpm)
1996+ (≤ 3750 LVW)	0.60	0.40	10.0	8.0	1.5	Reserved
(> 3750 LVW)	0.80	0.50	13.0	10.0	1.8	Reserved
1988-1995	1.60	1.00	40.0	32.0	2.5	Reserved
1984-1987	1.60	1.00	40.0	32.0	4.5	Reserved
1981-1983	3.40	2.00	70.0	56.0	4.5	Reserved

Light Duty Trucks 2:

Model Years	Hydrocarbons		Carbon Monoxide		Oxides of Nitrogen	
	Composite (gpm)	Phase 2 (gpm)	Composite (gpm)	Phase 2 (gpm)	Composite (gpm)	Phase 2 (gpm)
1996+ (≤ 5750 ALVW)	0.80	0.50	13.0	10.0	1.8	Reserved
(> 5750 ALVW)	0.80	0.50	15.0	12.0	2.0	Reserved
1988-1995	1.60	1.00	40.0	32.0	3.5	Reserved
1984-1987	1.60	1.00	40.0	32.0	4.5	Reserved
1981-1983	3.40	2.00	70.0	56.0	4.5	Reserved

(Source: Amended at 24 Ill. Reg. _____, effective _____)

Section 240.TABLE C Vehicle Exhaust Emission Fast-Pass Standards

- a) Vehicles having composite hydrocarbon emission limitations of less than 1.25 grams per mile, in Section 240.Table A or Section 240.Table B, shall use the hydrocarbon fast-pass standards contained in this subsection. Vehicles having ~~and~~ composite carbon monoxide emission limitations of less than 20.0 grams per mile, in Section 240.Table A or Section 240.Table B, shall use the carbon monoxide fast-pass standards contained in this subsection:

Second	Hydrocarbons		Carbon Monoxide	
	Composite	Phase 2	Composite	Phase 2
30	0.124	N/A	0.693	N/A

31	0.126	N/A	0.773	N/A
32	0.129	N/A	0.837	N/A
33	0.135	N/A	0.851	N/A
34	0.140	N/A	0.853	N/A
35	0.146	N/A	0.857	N/A
36	0.150	N/A	0.900	N/A
37	0.153	N/A	0.960	N/A
38	0.156	N/A	1.034	N/A
39	0.160	N/A	1.070	N/A
40	0.165	N/A	1.076	N/A
41	0.169	N/A	1.083	N/A
42	0.172	N/A	1.102	N/A
43	0.173	N/A	1.111	N/A
44	0.177	N/A	1.114	N/A
45	0.197	N/A	1.157	N/A
46	0.200	N/A	1.344	N/A
47	0.208	N/A	1.482	N/A
48	0.221	N/A	1.530	N/A
49	0.232	N/A	1.542	N/A
50	0.235	N/A	1.553	N/A
51	0.238	N/A	1.571	N/A
52	0.240	N/A	1.595	N/A
53	0.242	N/A	1.633	N/A
54	0.246	N/A	1.685	N/A
55	0.249	N/A	1.689	N/A
56	0.252	N/A	1.693	N/A
57	0.261	N/A	1.700	N/A
58	0.271	N/A	1.723	N/A
59	0.276	N/A	1.852	N/A
60	0.278	N/A	1.872	N/A
61	0.280	N/A	1.872	N/A
62	0.282	N/A	1.872	N/A
63	0.283	N/A	1.900	N/A
64	0.284	N/A	1.917	N/A
65	0.285	N/A	1.944	N/A
66	0.286	N/A	2.000	N/A
67	0.288	N/A	2.060	N/A
68	0.291	N/A	2.064	N/A
69	0.294	N/A	2.076	N/A
70	0.296	N/A	2.104	N/A
71	0.298	N/A	2.117	N/A
72	0.300	N/A	2.125	N/A
73	0.302	N/A	2.130	N/A
74	0.304	N/A	2.138	N/A
75	0.307	N/A	2.152	N/A

76	0.308	N/A	2.170	N/A
77	0.308	N/A	2.188	N/A
78	0.308	N/A	2.200	N/A
79	0.314	N/A	2.212	N/A
80	0.320	N/A	2.212	N/A
81	0.324	N/A	2.221	N/A
82	0.327	N/A	2.222	N/A
83	0.329	N/A	2.227	N/A
84	0.333	N/A	2.236	N/A
85	0.336	N/A	2.243	N/A
86	0.339	N/A	2.262	N/A
87	0.343	N/A	2.271	N/A
88	0.347	N/A	2.284	N/A
89	0.350	N/A	2.299	N/A
90	0.356	N/A	2.308	N/A
91	0.358	N/A	2.326	N/A
92	0.360	N/A	2.330	N/A
93	0.363	N/A	2.331	N/A
94	0.367	N/A	2.344	N/A
95	0.370	N/A	2.347	N/A
96	0.372	N/A	2.355	N/A
97	0.376	N/A	2.395	N/A
98	0.388	N/A	2.451	N/A
99	0.396	N/A	2.508	N/A
100	0.405	N/A	2.590	N/A
101	0.410	N/A	2.660	N/A
102	0.411	N/A	2.749	N/A
103	0.412	N/A	2.913	N/A
104	0.413	N/A	3.162	N/A
105	0.421	N/A	3.170	N/A
106	0.428	N/A	3.197	N/A
107	0.430	N/A	3.288	N/A
108	0.455	N/A	3.419	N/A
109	0.459	0.015	3.587	0.168
110	0.462	0.017	3.595	0.173
111	0.464	0.021	3.640	0.237
112	0.466	0.024	3.740	0.266
113	0.468	0.024	3.868	0.280
114	0.471	0.025	3.877	0.291
115	0.488	0.026	3.934	0.314
116	0.513	0.029	4.015	0.331
117	0.538	0.032	4.061	0.345
118	0.561	0.035	4.063	0.350
119	0.577	0.035	4.079	0.356
120	0.580	0.036	4.140	0.367

121	0.586	0.038	4.185	0.388
122	0.594	0.040	4.199	0.407
123	0.603	0.041	4.205	0.463
124	0.610	0.042	4.212	0.480
125	0.615	0.042	4.232	0.506
126	0.624	0.042	4.298	0.518
127	0.628	0.045	4.344	0.522
128	0.632	0.046	4.361	0.525
129	0.637	0.046	4.366	0.528
130	0.641	0.049	4.369	0.530
131	0.643	0.050	4.372	0.530
132	0.644	0.052	4.435	0.534
133	0.645	0.054	4.523	0.550
134	0.647	0.054	4.524	0.554
135	0.651	0.054	4.525	0.590
136	0.658	0.055	4.531	0.616
137	0.663	0.055	4.534	0.639
138	0.666	0.056	4.542	0.653
139	0.668	0.059	4.553	0.662
140	0.670	0.061	4.554	0.683
141	0.672	0.061	4.554	0.696
142	0.675	0.061	4.554	0.708
143	0.678	0.063	4.554	0.721
144	0.681	0.064	4.554	0.739
145	0.684	0.065	4.554	0.742
146	0.686	0.066	4.554	0.743
147	0.688	0.067	4.554	0.745
148	0.690	0.068	4.554	0.748
149	0.692	0.069	4.554	0.751
150	0.694	0.070	4.554	0.762
151	0.696	0.071	4.556	0.789
152	0.698	0.072	4.556	0.790
153	0.700	0.073	4.565	0.794
154	0.702	0.073	4.612	0.799
155	0.704	0.074	4.834	0.805
156	0.706	0.077	5.702	0.842
157	0.708	0.079	5.841	0.990
158	0.710	0.082	6.170	1.038
159	0.712	0.082	6.670	1.357
160	0.716	0.086	7.425	1.455
161	0.750	0.095	8.379	1.546
162	0.784	0.107	9.648	1.824
163	0.805	0.115	10.918	2.746
164	0.840	0.122	12.157	3.073
165	0.853	0.127	12.731	3.633

166	0.874	0.159	12.831	4.505
167	0.903	0.186	12.892	4.952
168	0.910	0.189	12.932	5.254
169	0.914	0.200	13.702	5.730
170	0.916	0.220	14.139	6.051
171	0.919	0.236	14.964	6.333
172	0.931	0.247	15.704	6.490
173	0.948	0.257	16.253	6.796
174	0.983	0.267	16.907	7.205
175	1.018	0.283	17.655	8.151
176	1.027	0.295	18.020	8.230
177	1.035	0.312	18.349	8.584
178	1.051	0.318	18.671	8.800
179	1.074	0.323	18.972	8.847
180	1.084	0.337	19.228	8.913
181	1.099	0.345	20.123	9.122
182	1.121	0.350	20.405	9.532
183	1.132	0.359	20.754	10.256
184	1.152	0.387	21.684	10.862
185	1.161	0.398	21.955	10.996
186	1.168	0.400	22.650	11.206
187	1.175	0.402	22.989	11.514
188	1.181	0.405	23.535	11.894
189	1.188	0.418	23.876	12.019
190	1.203	0.429	24.018	12.170
191	1.219	0.442	24.464	12.517
192	1.233	0.457	24.685	12.598
193	1.251	0.473	24.931	12.625
194	1.255	0.487	25.188	12.653
195	1.258	0.501	25.468	12.777
196	1.265	0.510	25.627	12.906
197	1.280	0.512	25.746	12.989
198	1.293	0.514	25.850	13.060
199	1.301	0.516	25.974	13.165
200	1.313	0.518	26.141	13.242
201	1.324	0.527	26.225	13.412
202	1.332	0.540	26.338	13.662
203	1.341	0.547	26.547	13.773
204	1.357	0.553	26.818	13.942
205	1.375	0.559	27.052	14.090
206	1.392	0.563	27.393	14.224
207	1.408	0.567	27.501	14.426
208	1.422	0.571	27.632	14.498
209	1.433	0.575	27.803	14.776
210	1.443	0.579	27.953	14.907

211	1.453	0.595	28.205	14.916
212	1.463	0.605	28.543	15.014
213	1.468	0.614	28.997	15.221
214	1.470	0.622	29.000	15.472
215	1.474	0.627	29.005	15.555
216	1.478	0.638	29.081	15.652
217	1.481	0.643	29.281	15.969
218	1.484	0.643	29.483	16.028
219	1.487	0.645	29.734	16.375
220	1.490	0.651	29.803	16.487
221	1.493	0.655	29.821	16.524
222	1.504	0.663	29.847	16.578
223	1.522	0.671	29.862	16.684
224	1.547	0.675	29.873	16.755
225	1.549	0.684	30.008	16.770
226	1.562	0.694	30.126	16.805
227	1.574	0.701	30.127	16.865
228	1.579	0.702	30.127	16.960
229	1.584	0.708	30.208	16.960
230	1.589	0.708	30.314	16.962
231	1.590	0.709	30.323	16.988
232	1.596	0.710	30.325	17.072
233	1.598	0.710	30.368	17.094
234	1.604	0.711	30.411	17.184
235	1.610	0.712	30.416	17.187
236	1.612	0.712	30.428	17.188
237	1.613	0.712	30.430	17.189
238	1.614	0.713	30.452	17.241
239	1.615	0.716	30.488	17.370

- b) Vehicles having composite hydrocarbon emission limitations of at least 1.25 grams per mile but less than 2.00 grams per mile, in Section 240.Table A or Section 240.Table B, shall use the hydrocarbon fast-pass standards contained in this subsection. Vehicles having and composite carbon monoxide emission limitations of at least 20.0 grams per mile but less than 30.0 grams per mile, in Section 240.Table A or Section 240.Table B, shall use the carbon monoxide fast-pass standards contained in this subsection;

Second	Hydrocarbons		Carbon Monoxide	
	Composite	Phase 2	Composite	Phase 2
30	0.247	N/A	1.502	N/A
31	0.253	N/A	1.546	N/A
32	0.258	N/A	1.568	N/A
33	0.263	N/A	1.582	N/A
34	0.268	N/A	1.593	N/A
35	0.277	N/A	1.602	N/A

36	0.283	N/A	1.621	N/A
37	0.293	N/A	1.631	N/A
38	0.297	N/A	1.702	N/A
39	0.298	N/A	1.784	N/A
40	0.313	N/A	1.879	N/A
41	0.320	N/A	2.162	N/A
42	0.327	N/A	2.307	N/A
43	0.342	N/A	2.343	N/A
44	0.360	N/A	2.376	N/A
45	0.376	N/A	2.406	N/A
46	0.389	N/A	2.433	N/A
47	0.408	N/A	2.458	N/A
48	0.423	N/A	2.483	N/A
49	0.434	N/A	2.774	N/A
50	0.444	N/A	2.844	N/A
51	0.454	N/A	2.900	N/A
52	0.465	N/A	2.936	N/A
53	0.472	N/A	3.133	N/A
54	0.478	N/A	3.304	N/A
55	0.485	N/A	3.407	N/A
56	0.493	N/A	3.456	N/A
57	0.500	N/A	3.480	N/A
58	0.505	N/A	3.518	N/A
59	0.514	N/A	3.560	N/A
60	0.537	N/A	3.593	N/A
61	0.540	N/A	3.628	N/A
62	0.543	N/A	3.641	N/A
63	0.546	N/A	3.655	N/A
64	0.551	N/A	3.680	N/A
65	0.559	N/A	3.700	N/A
66	0.567	N/A	3.728	N/A
67	0.575	N/A	3.857	N/A
68	0.588	N/A	3.894	N/A
69	0.595	N/A	3.943	N/A
70	0.601	N/A	3.983	N/A
71	0.606	N/A	4.009	N/A
72	0.610	N/A	4.023	N/A
73	0.617	N/A	4.023	N/A
74	0.631	N/A	4.053	N/A
75	0.643	N/A	4.063	N/A
76	0.651	N/A	4.077	N/A
77	0.659	N/A	4.225	N/A
78	0.667	N/A	4.243	N/A
79	0.676	N/A	4.260	N/A
80	0.681	N/A	4.282	N/A

81	0.685	N/A	4.322	N/A
82	0.689	N/A	4.398	N/A
83	0.694	N/A	4.482	N/A
84	0.700	N/A	4.515	N/A
85	0.705	N/A	4.518	N/A
86	0.709	N/A	4.520	N/A
87	0.713	N/A	4.522	N/A
88	0.717	N/A	4.522	N/A
89	0.721	N/A	4.523	N/A
90	0.724	N/A	4.526	N/A
91	0.727	N/A	4.527	N/A
92	0.729	N/A	4.527	N/A
93	0.731	N/A	4.528	N/A
94	0.734	N/A	4.528	N/A
95	0.740	N/A	4.528	N/A
96	0.748	N/A	4.529	N/A
97	0.759	N/A	4.575	N/A
98	0.771	N/A	4.703	N/A
99	0.783	N/A	4.805	N/A
100	0.793	N/A	4.886	N/A
101	0.810	N/A	4.957	N/A
102	0.823	N/A	5.104	N/A
103	0.836	N/A	5.340	N/A
104	0.853	N/A	5.496	N/A
105	0.871	N/A	5.625	N/A
106	0.887	N/A	5.815	N/A
107	0.899	N/A	6.473	N/A
108	0.931	N/A	7.037	N/A
109	0.947	0.040	7.419	0.246
110	0.957	0.047	7.643	0.257
111	0.965	0.052	7.759	0.286
112	0.971	0.056	7.824	0.379
113	0.977	0.061	7.889	0.425
114	0.983	0.064	7.960	0.457
115	1.003	0.072	8.024	0.477
116	1.030	0.081	8.076	0.494
117	1.041	0.082	8.111	0.504
118	1.050	0.083	8.130	0.512
119	1.052	0.092	8.148	0.519
120	1.055	0.094	8.211	0.529
121	1.061	0.097	8.478	0.529
122	1.071	0.100	8.548	0.530
123	1.081	0.103	8.561	0.531
124	1.091	0.106	8.568	0.532
125	1.102	0.108	8.572	0.533

126	1.110	0.110	8.584	0.548
127	1.116	0.112	8.592	0.610
128	1.121	0.114	8.596	0.614
129	1.125	0.116	8.597	0.622
130	1.128	0.118	8.601	0.631
131	1.130	0.120	8.605	0.640
132	1.132	0.122	8.608	0.646
133	1.134	0.123	8.626	0.650
134	1.135	0.124	8.650	0.652
135	1.143	0.127	8.660	0.738
136	1.147	0.130	8.767	0.754
137	1.156	0.134	9.029	0.780
138	1.163	0.139	9.238	0.795
139	1.186	0.146	9.389	0.804
140	1.253	0.149	9.493	0.810
141	1.262	0.151	9.583	0.815
142	1.271	0.153	9.626	0.818
143	1.277	0.155	9.669	0.821
144	1.283	0.157	9.716	0.825
145	1.291	0.162	9.763	0.840
146	1.294	0.164	9.809	0.847
147	1.296	0.166	9.852	0.855
148	1.298	0.168	9.885	0.865
149	1.303	0.169	9.932	0.874
150	1.316	0.170	9.986	0.891
151	1.330	0.171	10.039	0.914
152	1.342	0.172	10.072	0.929
153	1.348	0.173	10.090	0.937
154	1.353	0.175	10.105	0.942
155	1.362	0.178	10.146	0.949
156	1.365	0.180	10.245	1.375
157	1.366	0.189	10.397	1.576
158	1.373	0.198	10.923	1.943
159	1.397	0.203	11.970	2.820
160	1.422	0.207	13.421	3.281
161	1.440	0.214	15.289	3.483
162	1.452	0.221	15.912	3.620
163	1.465	0.229	16.530	4.168
164	1.509	0.247	17.622	4.338
165	1.533	0.274	18.366	4.682
166	1.555	0.309	19.869	5.633
167	1.576	0.318	20.711	6.137
168	1.598	0.322	22.319	6.853
169	1.618	0.333	23.751	7.136
170	1.636	0.343	24.842	7.320

171	1.666	0.356	25.410	7.685
172	1.685	0.385	25.798	8.052
173	1.726	0.409	26.122	8.344
174	1.742	0.433	26.353	8.602
175	1.756	0.453	26.638	8.898
176	1.769	0.463	27.219	9.251
177	1.784	0.507	27.279	10.253
178	1.802	0.523	27.320	10.828
179	1.822	0.528	27.352	10.933
180	1.843	0.541	27.822	11.060
181	1.864	0.549	28.763	11.188
182	1.884	0.559	29.402	11.345
183	1.896	0.571	29.971	11.733
184	1.915	0.584	30.276	12.598
185	1.940	0.598	30.988	12.953
186	1.958	0.613	31.095	13.213
187	1.972	0.624	31.314	14.131
188	1.985	0.629	31.833	14.839
189	1.991	0.629	32.239	15.137
190	1.993	0.638	32.547	15.138
191	1.995	0.648	32.855	15.141
192	2.001	0.659	33.153	15.595
193	2.015	0.663	33.444	15.658
194	2.031	0.671	33.482	15.704
195	2.047	0.681	33.516	15.729
196	2.063	0.693	33.549	16.058
197	2.079	0.709	33.653	16.987
198	2.094	0.725	33.973	17.064
199	2.109	0.740	34.159	17.073
200	2.122	0.754	34.191	17.153
201	2.130	0.767	34.250	17.332
202	2.137	0.775	34.469	17.406
203	2.157	0.787	34.716	17.641
204	2.172	0.795	34.969	17.922
205	2.194	0.803	35.144	18.484
206	2.222	0.854	35.418	18.553
207	2.245	0.859	35.766	18.658
208	2.268	0.872	35.949	18.953
209	2.279	0.892	36.010	19.266
210	2.288	0.896	36.548	19.309
211	2.301	0.903	37.179	19.731
212	2.316	0.924	37.651	19.902
213	2.332	0.938	38.041	20.012
214	2.345	0.941	38.591	20.260
215	2.354	0.951	38.852	20.739

216	2.362	0.966	38.861	21.346
217	2.368	0.979	38.926	21.810
218	2.376	0.980	39.194	22.001
219	2.384	0.981	39.474	22.290
220	2.391	1.005	39.668	22.324
221	2.395	1.016	39.781	22.343
222	2.400	1.022	39.890	22.522
223	2.405	1.028	39.954	22.661
224	2.409	1.035	39.984	22.666
225	2.413	1.041	39.989	22.667
226	2.415	1.045	39.990	22.668
227	2.417	1.051	39.990	22.669
228	2.419	1.055	39.990	22.670
229	2.420	1.059	39.991	22.671
230	2.421	1.062	40.012	22.671
231	2.423	1.063	40.061	22.672
232	2.425	1.063	40.116	22.673
233	2.427	1.063	40.249	22.673
234	2.429	1.064	40.253	22.673
235	2.430	1.064	40.290	22.674
236	2.431	1.066	40.385	22.675
237	2.432	1.069	40.488	22.675
238	2.433	1.072	40.720	22.675
239	2.434	1.075	40.763	22.677

- c) Vehicles having composite hydrocarbon emission limitations of 2.00 grams per mile or greater, in Section 240.Table A or Section 240.Table B, shall use the hydrocarbon fast-pass standards contained in this subsection. Vehicles having ~~and~~ composite carbon monoxide emission limitations of 30.0 grams per mile or greater, in Section 240.Table A or Section 240.Table B, shall use the carbon monoxide fast-pass standards contained in this subsection:

Second	Hydrocarbons		Carbon Monoxide	
	Composite	Phase 2	Composite	Phase 2
30	0.407	N/A	3.804	N/A
31	0.415	N/A	3.985	N/A
32	0.423	N/A	4.215	N/A
33	0.436	N/A	4.440	N/A
34	0.451	N/A	4.579	N/A
35	0.464	N/A	4.688	N/A
36	0.468	N/A	4.749	N/A
37	0.475	N/A	4.783	N/A
38	0.487	N/A	4.813	N/A
39	0.506	N/A	4.876	N/A
40	0.530	N/A	5.104	N/A

41	0.549	N/A	5.217	N/A
42	0.569	N/A	5.383	N/A
43	0.588	N/A	5.571	N/A
44	0.609	N/A	5.888	N/A
45	0.621	N/A	6.199	N/A
46	0.636	N/A	6.245	N/A
47	0.649	N/A	6.318	N/A
48	0.666	N/A	6.418	N/A
49	0.679	N/A	6.540	N/A
50	0.696	N/A	6.690	N/A
51	0.712	N/A	6.875	N/A
52	0.727	N/A	7.029	N/A
53	0.745	N/A	7.129	N/A
54	0.760	N/A	7.359	N/A
55	0.776	N/A	7.722	N/A
56	0.797	N/A	8.017	N/A
57	0.814	N/A	8.249	N/A
58	0.826	N/A	8.425	N/A
59	0.837	N/A	8.563	N/A
60	0.849	N/A	8.686	N/A
61	0.862	N/A	8.804	N/A
62	0.872	N/A	8.916	N/A
63	0.887	N/A	9.025	N/A
64	0.895	N/A	9.138	N/A
65	0.903	N/A	9.250	N/A
66	0.925	N/A	9.354	N/A
67	0.933	N/A	9.457	N/A
68	0.945	N/A	9.575	N/A
69	0.959	N/A	9.728	N/A
70	0.970	N/A	9.938	N/A
71	0.980	N/A	10.140	N/A
72	0.988	N/A	10.222	N/A
73	0.997	N/A	10.261	N/A
74	1.022	N/A	10.278	N/A
75	1.037	N/A	10.290	N/A
76	1.051	N/A	10.715	N/A
77	1.064	N/A	10.790	N/A
78	1.075	N/A	10.844	N/A
79	1.087	N/A	10.921	N/A
80	1.097	N/A	11.010	N/A
81	1.105	N/A	11.090	N/A
82	1.114	N/A	11.136	N/A
83	1.136	N/A	11.136	N/A
84	1.160	N/A	11.165	N/A
85	1.182	N/A	11.191	N/A

86	1.201	N/A	11.205	N/A
87	1.217	N/A	11.211	N/A
88	1.233	N/A	11.211	N/A
89	1.248	N/A	11.211	N/A
90	1.262	N/A	11.211	N/A
91	1.271	N/A	11.220	N/A
92	1.279	N/A	11.294	N/A
93	1.287	N/A	11.332	N/A
94	1.295	N/A	11.355	N/A
95	1.302	N/A	11.383	N/A
96	1.309	N/A	11.410	N/A
97	1.316	N/A	11.433	N/A
98	1.325	N/A	11.516	N/A
99	1.339	N/A	11.820	N/A
100	1.356	N/A	12.104	N/A
101	1.365	N/A	12.344	N/A
102	1.378	N/A	12.781	N/A
103	1.397	N/A	13.472	N/A
104	1.420	N/A	14.405	N/A
105	1.445	N/A	14.808	N/A
106	1.470	N/A	14.965	N/A
107	1.491	N/A	15.121	N/A
108	1.506	N/A	15.372	N/A
109	1.517	0.151	15.530	1.113
110	1.528	0.159	15.687	1.213
111	1.542	0.172	16.018	1.344
112	1.559	0.186	16.527	1.399
113	1.578	0.199	16.810	1.520
114	1.594	0.207	16.961	1.640
115	1.605	0.216	17.120	1.684
116	1.615	0.229	17.135	1.693
117	1.625	0.235	17.249	1.786
118	1.642	0.240	17.451	2.007
119	1.670	0.245	17.509	2.084
120	1.694	0.261	17.605	2.179
121	1.705	0.267	17.734	2.264
122	1.717	0.277	18.049	2.328
123	1.732	0.287	18.447	2.375
124	1.747	0.298	18.592	2.437
125	1.763	0.308	18.657	2.543
126	1.779	0.316	18.796	2.593
127	1.795	0.322	18.952	2.641
128	1.810	0.329	19.137	2.663
129	1.823	0.338	19.329	2.672
130	1.835	0.346	19.519	2.676

131	1.845	0.354	19.707	2.683
132	1.854	0.356	19.882	2.817
133	1.862	0.357	19.905	2.992
134	1.870	0.359	20.049	3.111
135	1.883	0.362	20.460	3.234
136	1.888	0.364	20.746	3.304
137	1.896	0.368	21.068	3.310
138	1.911	0.378	21.380	3.320
139	1.928	0.391	21.748	3.354
140	1.949	0.402	22.046	3.436
141	1.969	0.408	22.348	3.443
142	1.982	0.422	22.397	3.452
143	1.999	0.428	22.407	3.490
144	2.011	0.432	22.417	3.552
145	2.022	0.434	22.922	3.588
146	2.035	0.439	22.951	3.600
147	2.043	0.450	22.976	3.616
148	2.049	0.460	23.017	3.627
149	2.063	0.467	23.073	3.636
150	2.085	0.472	23.161	3.676
151	2.104	0.480	23.218	3.882
152	2.117	0.491	23.253	4.011
153	2.127	0.503	23.337	4.047
154	2.138	0.505	23.425	4.067
155	2.152	0.515	23.534	4.081
156	2.168	0.522	23.652	4.116
157	2.186	0.527	23.739	4.251
158	2.205	0.537	24.606	5.099
159	2.224	0.549	25.615	5.383
160	2.242	0.568	26.073	6.362
161	2.268	0.586	28.496	7.926
162	2.308	0.610	29.772	8.429
163	2.352	0.648	31.056	9.201
164	2.406	0.677	33.351	10.825
165	2.421	0.699	34.890	12.291
166	2.435	0.720	35.937	13.366
167	2.470	0.738	37.012	14.428
168	2.501	0.767	37.892	15.318
169	2.537	0.828	39.028	15.699
170	2.571	0.855	40.406	16.073
171	2.625	0.869	41.379	16.475
172	2.657	0.885	42.033	17.158
173	2.683	0.900	42.432	17.532
174	2.701	0.941	42.742	17.965
175	2.717	0.979	43.399	18.242

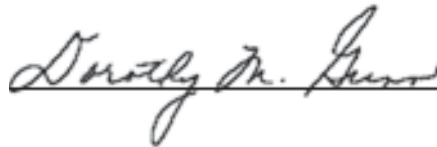
176	2.732	1.002	43.895	18.283
177	2.756	1.025	44.227	18.480
178	2.781	1.047	44.926	19.576
179	2.811	1.065	45.256	20.015
180	2.853	1.089	45.553	20.203
181	2.898	1.109	45.753	20.433
182	2.946	1.133	46.210	21.025
183	2.988	1.158	47.017	21.882
184	3.023	1.184	48.185	22.204
185	3.057	1.209	48.741	22.859
186	3.076	1.222	49.462	23.533
187	3.101	1.231	50.313	24.281
188	3.120	1.239	51.285	25.078
189	3.136	1.254	52.076	25.276
190	3.151	1.278	52.857	25.578
191	3.163	1.300	52.876	25.859
192	3.209	1.313	53.067	25.985
193	3.223	1.324	53.777	26.153
194	3.237	1.340	54.242	26.582
195	3.263	1.367	54.489	27.067
196	3.302	1.387	54.601	27.456
197	3.338	1.402	54.912	27.805
198	3.372	1.417	55.588	28.070
199	3.390	1.432	56.266	28.590
200	3.428	1.446	56.617	28.914
201	3.470	1.460	56.863	29.063
202	3.493	1.477	57.204	29.502
203	3.509	1.492	57.371	29.697
204	3.522	1.501	57.487	29.713
205	3.533	1.510	57.728	29.783
206	3.550	1.522	58.097	29.942
207	3.578	1.561	58.572	30.284
208	3.607	1.585	59.024	30.755
209	3.630	1.597	59.321	31.287
210	3.658	1.607	59.715	31.549
211	3.701	1.627	60.045	31.820
212	3.745	1.645	60.453	32.250
213	3.778	1.656	60.935	32.546
214	3.814	1.663	61.307	32.808
215	3.825	1.669	61.666	33.060
216	3.835	1.674	62.148	33.204
217	3.844	1.685	62.532	33.341
218	3.853	1.700	62.546	33.414
219	3.864	1.704	62.559	33.514
220	3.874	1.706	62.570	33.640

221	3.891	1.709	62.846	33.692
222	3.928	1.711	63.097	33.711
223	3.966	1.714	63.150	33.733
224	4.008	1.718	63.150	33.770
225	4.010	1.721	63.150	33.796
226	4.012	1.723	63.150	33.810
227	4.016	1.726	63.150	33.821
228	4.019	1.729	63.150	33.839
229	4.057	1.731	63.150	33.865
230	4.065	1.733	63.150	33.894
231	4.071	1.735	63.150	33.918
232	4.073	1.743	63.150	33.944
233	4.075	1.749	63.150	33.985
234	4.077	1.753	63.153	34.014
235	4.079	1.757	63.159	34.032
236	4.081	1.762	63.173	34.051
237	4.083	1.767	63.193	34.067
238	4.084	1.772	63.214	34.079
239	4.085	1.776	63.233	34.085

(Source: Amended at 24 Ill. Reg. _____, effective _____)

IT IS SO ORDERED.

I, Dorothy M. Gunn, Clerk of the Illinois Pollution Control Board, hereby certify that the above opinion and order was adopted on the 7th day of December 2000 by a vote of 7-0.



Dorothy M. Gunn, Clerk
Illinois Pollution Control Board

ILLINOIS POLLUTION CONTROL BOARD
December 6, 2001

IN THE MATTER OF:)
)
ENHANCED VEHICLE INSPECTION AND) R02-8
MAINTENANCE (I/M) REGULATIONS:) (Rulemaking - Air)
AMENDMENTS TO 35 ILL. ADM. CODE)
240.191 – 240.193)

Final Order. Adopted Rule.

OPINION AND ORDER OF THE BOARD (by R.C. Flemal):

On August 20, 2001, the Illinois Environmental Protection Agency (Agency) filed a proposal to amend the Board's regulations on inspecting and maintaining vehicles to control air emissions. Today, the Board adopts amendments to 35 Ill. Adm. Code 240.191, 240.192 and 240.193. The adopted rules contain most, but not all, of the Agency's proposed changes.

BACKGROUND

Sections 182(b) and (c) of the federal Clean Air Act (CAA) (42 U.S.C §§ 7511a(b) and (c)) require states to implement vehicle "inspection and maintenance" (I/M) programs in areas that do not meet National Ambient Air Quality Standards (NAAQS) for ozone or carbon monoxide. Areas that do not meet NAAQS are referred to as "nonattainment" areas.

The CAA requires "basic" I/M programs in "moderate" and "marginal" ozone nonattainment areas with existing I/M programs. It requires "enhanced" I/M programs in "serious," "severe," and "extreme" ozone nonattainment areas with a population of 200,000 or more. The CAA also requires states to submit, for the approval of the United States Environmental Protection Agency (USEPA), revisions to their State Implementation Plans (SIPs) that describe a satisfactory I/M program and assure that the I/M program will be implemented.

In Illinois, two areas do not meet the NAAQS for ozone: (1) the Chicago metropolitan nonattainment area, which is a severe nonattainment area; and (2) the Metro-East St. Louis nonattainment area, which is a moderate nonattainment area. Under Illinois' Vehicle Emissions Inspection Law of 1995 (Vehicle Emissions Law (625 ILCS 5/13B-1 *et seq.* (2000)), the Agency has proposed, and the Board has adopted, as amendments to 35 Ill. Adm. Code 240, an enhanced I/M program for these two nonattainment areas. *See Enhanced Vehicle Inspection and Maintenance (I/M) Regulations: Amendments to 35 Ill. Adm. Code 240* (July 8, 1998), R98-24; (December 1, 1994), R94-20; (December 1, 1994), R94-19.

The Agency's proposal was filed under Section 13 B-20(a) of the Vehicle Emissions Law of 1995 (Vehicle Emissions Law). 625 ILCS 5/13-B-1 *et seq.* (2000). The Vehicle Emissions Law provides that Section 27(b) of the Environmental Protection Act (Act) (415 ILCS 5/27(b) (2000)) and the rulemaking provisions of the Administrative Procedure Act (5 ILCS 100/1-1 *et*

seq.(2000)) “shall not apply to rules adopted by the Board under this subsection.” 625 ILCS 5/13B-20(a) (2000). Section 13B-20(a) requires the Board to adopt rules within 120 days after it receives the Agency’s proposal, that is, on or before December 18, 2001. Adoption of these rules today fulfills the statutory mandate.

On August 23, 2001, the Board accepted the proposal for hearing and directed the proposal be filed for publication in the *Illinois Register* as a proposal for public comment. The proposal for public comment appeared in the *Illinois Register* on September 7, 2001, 25 Ill. Reg. 11328.

The Board held two public hearings in this matter. The first hearing was held on October 12, 2001, in Collinsville, Illinois. The second hearing was held on October 19, 2001, in Chicago, Illinois. Both hearings were held before Hearing Officer John Knittle. At both hearings, the Agency was present to provide testimony in support of its proposal. The following Agency personnel participated in the Board proceedings: Elizabeth Tracy, manager of the Division of Vehicle Inspection and Maintenance Program, Bureau of Air; Michael Hills, Technical Services employee in the Vehicle Inspection and Maintenance Program; and James Matheny, Technical Service Manager of the Division of Vehicle Inspection Maintenance. No other testimony or public comments were filed in this matter.

AGENCY PROPOSAL

The Agency proposed amendments to 35 Ill. Adm. Code 240.191, 240.192, and 240.193. Specifically, the Agency stated that its proposal would revise 35 Ill. Adm. Code 240 by:

1. Revising the text of Section 240.191 to refer to the OBD procedural rules contained in 35 Ill. Adm. Code 276;
2. Delaying mandatory “pass/fail” OBD testing to January 1, 2003, if the Agency chooses to apply to USEPA for this delay, and USEPA grants it;
3. Modifying the list of diagnostic trouble codes (DTC) that, if identified during an OBD test, will result in a vehicle’s failure;
4. Adding a malfunction indicator light (MIL) visual check, also known as a bulb check, to the OBD test; and
5. Revising the text of Section 240.193 to clarify that the inspection of any vehicle fault codes actually consists of the electronic retrieval of those stored fault codes. *See* Agency Statement of Reasons at 6-10.

The Agency described these proposed changes as “relatively minor adjustments to the Enhanced I/M program.” Agency Statement of Reasons at 5. The Agency states that it was proposing the amendments “to enable Illinois to meet federal and state mandated enhanced emissions testing requirements.” *Id.* at 3. The Agency also stated that its proposal was “designed to promote the acceptance of and adherence to the enhanced I/M program, by

incorporating necessary ‘flexibility’ provisions for OBD testing as authorized by recent USEPA rulemaking and guidance.” *Id.* at 5.

THE ADOPTED AMENDMENTS

Federal regulations require the adoption by states of standards that result in a reduction of vehicle emissions through testing procedures meeting, or exceeding, the amount of emissions that would be reduced if its “model” I/M program design was implemented. USEPA requires “design elements” to be a part of any enhanced I/M plan, but allows states to vary certain program inputs as long as the plan achieves the same or greater reductions in emissions that those required by USEPA’s applicable performance standard. The Board has adopted certain required standards for Illinois’ enhanced I/M program, and the Agency has adopted certain necessary procedural rules at 35 Ill. Adm. Code 276.

The amendments the Board is adopting today are designed to promote the acceptance of and adherence to the enhanced I/M program, and to refine certain test requirements by incorporating necessary ‘flexibility’ provisions for OBD testing as authorized by recent USEPA rulemaking and guidance.

Additional changes have been made to the rule for clarity and for the workability of the program. Although a majority of the changes were minor, the Board is making one noteworthy change, which the Agency agreed to at hearing. As proposed, the last sentence in Section 240.191 would have delayed mandatory “pass/fail” OBD testing to January 1, 2003, if the Agency chooses to apply to USEPA for this delay, and USEPA grants it. At hearing, the Board expressed concerns that this change would create a situation where the date is extended only if two separate conditions are fulfilled, causing the potential problem that the public might not know whether the date had been extended. The Agency did not object to the removal of this provision, and the Board does not include this portion of the proposal in the adopted amendments. This sentence has been omitted from the adopted rules.

CONCLUSION

As previously discussed, Sections 182(b) and (c) of the CAA (42 U.S.C. Section 751a(b),(c)) require states to implement vehicle “inspection and maintenance” I/M programs in areas that do not meet NAAQS for ozone or carbon monoxide. Accordingly, the Board adopts the suggested amendments to 35 Ill. Adm. Code 240 to bring the Illinois I/M program into conformity with all CAA requirements. As noted, the rules adopted today incorporate each of the Agency’s suggested changes except the one delaying mandatory “pass/fail” OBD testing to January 1, 2003, if the Agency chooses to apply to USEPA for this delay, and USEPA grants it.

The Board finds that the Agency proposal and supporting documentation demonstrate that the proposal will enable Illinois to meet federal and state mandated enhanced emissions testing requirements, and promote the acceptance of and adherence to the enhanced I/M program.

ORDER;

The Board directs the Clerk to submit the following adopted amendments to 35 Ill. Adm. Code 240 to the Secretary of State for filing and publication in the *Illinois Register*. Proposed additions are underlined; proposed deletions are stricken.

TITLE 35: ENVIRONMENTAL PROTECTION
 SUBTITLE B: AIR POLLUTION
 CHAPTER I: POLLUTION CONTROL BOARD
 SUBCHAPTER K: EMISSION STANDARDS AND LIMITATIONS FOR MOBILE
 SOURCES

PART 240

MOBILE SOURCES

SUBPART A: DEFINITIONS AND GENERAL PROVISIONS

Section	
240.101	Preamble
240.102	Definitions
240.103	Prohibitions
240.104	Inspection
240.105	Penalties
240.106	Determination of Violation
240.107	Incorporations by Reference

SUBPART B: EMISSIONS

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240.121	Smoke Emissions
240.122	Diesel Engine Emissions Standards for Locomotives
240.123	Liquid Petroleum Gas Fuel Systems
240.124	Vehicle Exhaust Emission Standards (repealed)
240.125	Compliance Determination (repealed)

SUBPART C: SMOKE OPACITY STANDARDS AND TEST PROCEDURES FOR DIESEL-
 POWERED HEAVY DUTY VEHICLES

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240.141	Smoke Opacity Standards and Test Procedures for Diesel-Powered Heavy Duty Vehicles

SUBPART D: STEADY-STATE IDLE MODE TEST EMISSION STANDARDS

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240.151	Applicability
240.152	Steady-State Idle Mode Vehicle Exhaust Emission Standards
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SUBPART E: TRANSIENT LOADED MODE TEST EMISSION STANDARDS

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240.161	Applicability
240.162	Vehicle Exhaust Emission Start-Up Standards
240.163	Vehicle Exhaust Emission Final Standards
240.164	Vehicle Exhaust Emission Fast-Pass Standards
240.165	Compliance Determination

SUBPART F: EVAPORATIVE TEST STANDARDS

Section	
240.171	Applicability
240.172	Evaporative System Integrity Test Standards
240.173	Evaporative System Purge Test Standards (Repealed)

SUBPART G: ON-ROAD REMOTE SENSING TEST EMISSION STANDARDS

240.181	Applicability
240.182	On-Road Remote Sensing Emission Standards
240.183	Compliance Determination

SUBPART H: ON-BOARD DIAGNOSTIC TEST STANDARDS

240.191	Applicability
240.192	On-Board Diagnostic Test Standards
240.193	Compliance Determination

240.Appendix A	Rule into Section Table
240.Appendix B	Section into Rule Table

240.Table A	Vehicle Exhaust Emission Start-Up Standards
240.Table B	Vehicle Exhaust Emission Final Standards
240.Table C	Vehicle Exhaust Emission Fast-Pass Standards

AUTHORITY: Implementing Sections 9, 10 and 13 and authorized by Section 27 and 28.5 of the Environmental Protection Act [415 ILCS 5/9, 10, 13, 27 and 28.5] and Section 13B-20 of the Vehicle Emissions Inspection Law of 1995 [625 ILCS 5/13B-20]; implementing Section 13-109.2 of the Illinois Vehicle Code [625 ILCS 5/13-109.2].

SOURCE: Adopted as Chapter 2: Air Pollution, Part VII: Mobile Sources, filed and effective

April 14, 1972; codified at 7 Ill. Reg. 13628; amended in R85-25, at 10 Ill. Reg. 11277, effective June 16, 1986; amended in R90-20 at 16 Ill. Reg. 6184, effective April 7, 1992; amended in R94-20 at 18 Ill. Reg. 18013, effective December 12, 1994; amended in R94-19 at 18 Ill. Reg. 18228, effective December 20, 1994; amended in R98-24 at 22 Ill. Reg. 13723, effective July 13, 1998; expedited correction at 22 Ill. Reg. 21120, effective July 13, 1998; amended in R01-12 at 24 Ill. Reg. 19188, effective December 18, 2000; amended in R01-8 at 25 Ill. Reg. 3680, effective February 26, 2001; amended in R02-8 at 25 Ill. Reg. _____, effective _____.

BOARD NOTE: This part implements the Environmental Protection Act as of July 1, 1994.

NOTE: Capitalization denotes statutory language.

SUBPART H: ON-BOARD DIAGNOSTIC TEST STANDARDS

Section 240.191 Applicability

The standards of this Subpart apply to all 1996 and newer model year light duty vehicles, light duty trucks 1, and light duty trucks 2 that are required to meet the standards contained in 40 CFR § 86.094-17 and which are inspected utilizing the on-board diagnostic test procedures contained in 35 Ill. Adm. Code 276.209. Vehicles that receive a result of fail do not thereby fail their emissions test until January 1, 2002.

(Source: Amended at 25 Ill. Reg. _____, effective _____)

Section 240.192 On-Board Diagnostic Test Standards

Vehicles subject to on-board diagnostic testing shall fail the on-board diagnostic test if one of the following occurs:

- a) the vehicle connector is missing, has been tampered with, or is otherwise inoperable; or
- b) the malfunction indicator light is commanded to be illuminated and it is not visually illuminated according to visual inspection; or
- c) the malfunction indicator light is commanded to be illuminated for ~~and any of the following~~ on-board diagnostic trouble codes ~~are present (where x refers to any digit);~~ or
 - 1) ~~Any PX1XX Fuel and Air Metering codes~~
 - 2) ~~Any PX2XX Fuel and Air Metering codes~~
 - 3) ~~Any PX3XX Ignition System or Misfire codes~~
 - 4) ~~Any PX4XX Auxiliary Emission Controls codes~~

- 5) — ~~P0500 Vehicle Speed Sensor Malfunction~~
- 6) — ~~P0501 Vehicle Speed Sensor Range/Malfunction~~
- 7) — ~~P0502 Vehicle Speed Sensor Circuit Low Input~~
- 8) — ~~P0503 Vehicle Speed Sensor Intermittent/Erratic/High~~
- 9) — ~~P0505 Idle Control System Malfunction~~
- 10) — ~~P0506 Idle Control System RPM Lower Than Expected~~
- 11) — ~~P0507 Idle Control System RPM Higher Than Expected~~
- 12) — ~~P0510 Closed Throttle Position Switch Malfunction~~
- 13) — ~~P0550 Power Steering Pressure Sensor Circuit Malfunction~~
- 14) — ~~P0551 Power Steering Pressure Sensor Circuit Malfunction~~
- 15) — ~~P0552 Power Steering Pressure Sensor Circuit Low Input~~
- 16) — ~~P0553 Power Steering Pressure Sensor Circuit Intermittent~~
- 17) — ~~P0554 Power Steering Pressure Sensor Circuit Intermittent~~
- 18) — ~~P0560 System Voltage Malfunction~~
- 19) — ~~P0561 System Voltage Unstable~~
- 20) — ~~P0562 System Voltage Low~~
- 21) — ~~P0563 System Voltage High~~
- 22) — ~~Any PX6XX Computer and Output Circuits Codes~~
- 23) — ~~P0703 Brake Switch Input~~
- 24) — ~~P0705 Transmission Range Sensor Circuit Malfunction (PRNDL Input)~~
- 25) — ~~P0706 Transmission Range Sensor Circuit Range/Performance~~
- 26) — ~~P0707 Transmission Range Sensor Circuit Low Input~~
- 27) — ~~P0708 Transmission Range Sensor Circuit High Input~~

- ~~28) — P0709 Transmission Range Sensor Circuit Intermittent~~
- ~~29) — P0719 Torque Converter/Brake Switch “B” Circuit Low~~
- ~~30) — P0720 Output Speed Sensor Circuit Malfunction~~
- ~~31) — P0721 Output Speed Sensor Circuit Range/Performance~~
- ~~32) — P0722 Output Speed Sensor Circuit No Signal~~
- ~~33) — P0723 Output Speed Sensor Circuit Intermittent~~
- ~~34) — P0724 Torque Converter/Brake Switch “B” Circuit High~~
- ~~35) — P0725 Engine Speed Input Circuit Malfunction~~
- ~~36) — P0726 Engine Speed Input Circuit Range/Performance~~
- ~~37) — P0727 Engine Speed Input Circuit No Signal~~
- ~~38) — P0728 Engine Speed Input Circuit Intermittent~~
- ~~39) — P0740 Torque Converter Clutch System Malfunction~~
- ~~40) — P0741 Torque Converter System Performance or Stuck Off~~
- ~~41) — P0742 Torque Converter System Stuck On~~
- ~~42) — P0743 Torque Converter System Electrical~~
- ~~43) — P0744 Torque Converter System Intermittent~~

d) the malfunction indicator light (MIL) does not illuminate at all when the vehicle is in the key-on/engine-off condition.

(Source: Amended at 25 Ill. Reg. _____, effective _____)

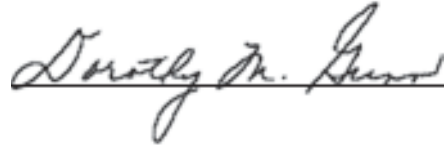
Section 240.193 Compliance Determination

Compliance shall be determined based upon the inspection of the on-board diagnostic vehicle connector, malfunction indicator light, and electronic retrieval of data stored in the vehicle’s on-board diagnostic system fault codes using the on-board diagnostic test procedures ~~that will be~~ adopted by the Agency in 35 Ill. Adm. Code 276.

(Source: Amended at 25 Ill. Reg. _____, effective _____)

IT IS SO ORDERED.

I, Dorothy M. Gunn, Clerk of the Illinois Pollution Control Board, certify that the above opinion and order was adopted on December 6, 2001 by a vote of 5-0.

A handwritten signature in cursive script, reading "Dorothy M. Gunn", written over a horizontal line.

Dorothy M. Gunn, Clerk
Illinois Pollution Control Board

Attachment 5

PROCEDURES TO BE FOLLOWED IN THE
PERFORMANCE OF INSPECTIONS OF MOTOR
VEHICLE EMISSIONS
(35 Ill. Adm. Code 276)
Amendments effective May 17, 2002
(26 Ill. Reg. 8113)

2002

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ENVIRONMENTAL PROTECTION AGENCY

NOTICE OF ADOPTED AMENDMENTS

- 1) Heading of the Part: Procedures to be Followed in the Performance of Inspections of Motor Vehicle Emissions
- 2) Code Citation: 35 Ill. Adm Code 276
- 3) Section Numbers: Proposed Action:
 276.102 Amended
 276.103 Amended
 276.104 Amended
 276.201 Amended
 276.203 Amended
 276.207 Amended
 276.209 Amended
 276.402 Repealed
- 4) Statutory Authority: The Illinois Environmental Protection Act. [415 ILCS 5/27] and the Vehicle Emissions Inspection Law of 1995 [625 ILCS 5/13B].
- 5) Effective Date of Amendments: May 17, 2002
- 6) Does this rulemaking contain an automatic repeal date? No
- 7) Does this rulemaking contain Incorporations by reference? Yes
- 8) A copy of the adopted amendments, including any material incorporated by reference, is on file in the agency's principal office and is available for public inspection.
- 9) Notice of Proposal Published in Illinois Register: August 31, 2001; 25 Ill. Reg. 10973
- 10) Has JCAR issued a Statement of Objection to these amendments? No
- 11) Differences between proposal and final version: There were three changes between the proposal and the final version. First, in Section 276.209(d), delete "or 2003". Also, in Section 276.209(d), delete "l". Finally, in the AGENCY NOTE following Section 276.209, delete "or 2003".
- 12) Have all changes agreed upon by the Agency and JCAR been made as indicated in the agreements issued by JCAR? Yes
- 13) Will these amendments replace emergency amendments currently in effect? No
- 14) Are there any amendments pending on this Part? No
- 15) Summary and Purpose of Amendments: The adopted amendments to 35 Ill. Adm. Code 276 (vehicle emissions inspection procedures) will incorporate recent

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federal rules and program experience concerning enhanced I/M exhaust test dilution criteria, drive trace requirements, and on-board diagnostic ("OBD") testing modifications, and eliminate obsolete information. Specific revisions to key test procedures are:

A) DILUTION

The adopted amendments revise the dilution requirements for exhaust emission tests to insure the complete capture of the exhaust stream from the tailpipe during the transient driving cycle for accurate testing.

B) TRANSIENT LOADED MODE DRIVE TRACE REQUIREMENTS

This revision clarifies the procedures to be followed when an underpowered vehicle is encountered during the transient loaded mode drive trace portion of the enhance I/M test. These changes allow those vehicles that by design or condition cannot meet the speed requirements of the drive trace to complete the enhanced I/M test.

C) OBD

The amendments include the flexibility to allow vehicles with unset readiness codes to complete the full OBD-I/M inspection without being rejected, the simplification of the list of diagnostic trouble codes ("DTC") that constitute the OBD failure criteria, and the addition of a malfunction indicator light ("MIL") visual check. Also, the amendments clarify OBD reject test procedures and require motorists to receive the reject reason(s) for any vehicle rejected from the OBD test.

- 16) Information and questions regarding these adopted amendments shall be directed to:

Charles E. Matoesian
 Assistant Counsel
 Illinois Environmental Protection Agency
 Division of Legal Counsel
 1021 North Grand Avenue East
 P.O. Box 19726
 Springfield, Illinois 62794-9276
 (217) 782-5544

The full text of the adopted amendments begin on the next page:

ENVIRONMENTAL PROTECTION AGENCY

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TITLE 35: ENVIRONMENTAL PROTECTION
SUBTITLE B: AIR POLLUTION
CHAPTER II: ENVIRONMENTAL PROTECTION AGENCY

PART 276

PROCEDURES TO BE FOLLOWED IN THE PERFORMANCE OF INSPECTIONS OF
MOTOR VEHICLE EMISSIONS

SUBPART A: GENERAL PROVISIONS

Section	
276.101	Purpose and Applicability
276.102	Definitions
276.103	Abbreviations
276.104	Incorporations by Reference

SUBPART B: VEHICLE EMISSIONS INSPECTION PROCEDURES

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276.201	General Description of Vehicle Emissions Inspection Procedures
276.202	Pollutants to be Tested - Exhaust Test
276.203	Dilution - Steady-State Idle Exhaust Test and Transient Loaded Mode Exhaust Test
276.204	Steady-State Idle Exhaust Emissions Test Procedures
276.205	Evaporative System Integrity Test Procedures
276.206	Engine and Fuel Type Modifications
276.207	Transient Loaded Mode Exhaust Emissions Test Procedures
276.208	On-Road Remote Sensing Test Procedures
276.209	On-Board Diagnostic Test Procedures

SUBPART C: STICKER OR CERTIFICATE ISSUANCE, DISPLAY, AND
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276.302	Determination of Affected Counties
276.303	Emissions Inspection Sticker or Certificate Design and Content
276.304	Initial Emissions Inspection Stickers or Certificates
276.305	Exempt Emissions Inspection Stickers or Certificates
276.306	Renewal Emissions Inspection Stickers or Certificates
276.307	Temporary Emissions Inspection Stickers or Certificates
276.308	Corrected or Interim Emissions Inspection Stickers or Certificates
276.309	Waiver Emissions Inspection Stickers or Certificates
276.310	Emissions Inspection Sticker and Certificate Display and Possession
276.311	Change of Assigned Test Month
276.312	Economic Hardship Extension Stickers or Certificates

SUBPART D: WAIVER AND ECONOMIC HARDSHIP EXTENSION REQUIREMENTS

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276.401	Waiver Requirements
276.402	Low Emissions Tuneups (Repealed)
276.403	Denial or Issuance of Waiver
276.404	Economic Hardship Extension Requirements

SUBPART E: TEST EQUIPMENT SPECIFICATIONS

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276.503	Steady-State Idle Exhaust Test Analysis Systems Performance Criteria
276.504	Evaporative System Integrity Test Functional Requirements and Performance Criteria
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276.605	Transient Loaded Mode Test Equipment Maintenance and Calibration
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SUBPART G: FLEET SELF-TESTING REQUIREMENTS

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276.703	Fleet Inspection Permittee Operating Requirements
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SUBPART H: GRIEVANCE PROCEDURE

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276.803	Agency Investigation

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276.804 Review of Agency's Determination

SUBPART I: NOTICES

Section

- 276.901 General Requirements
 276.902 Initial Emissions Inspection Notice
 276.903 Warning Notice
 276.904 Second Warning Notice (Repealed)

SUBPART J: RECIPROCITY WITH OTHER JURISDICTIONS

Section

- 276.1001 Requirements for Vehicles Registered in Affected Counties and Located in Other Jurisdictions Requiring Vehicle Emissions Inspection
 276.1002 Requirements for Vehicles Registered in Other Jurisdictions Requiring Vehicle Emissions Inspection and Located in an Affected County

TABLE A Transient Driving Cycle

TABLE B Fast-Pass Speed Variation Limits Using Positive Kinetic Energy (PKE) Measurements

AUTHORITY: Implementing and authorized by the Vehicle Emissions Inspection Law of 1995 [625 ILCS 5/Ch. 13B].

SOURCE: Adopted at 10 Ill. Reg. 13954, effective August 13, 1986; amended at 16 Ill. Reg. 10230, effective June 15, 1992; amended at 20 Ill. Reg. 8456, effective June 14, 1996; amended at 22 Ill. Reg. 18867, effective September 28, 1998; amended at 26 Ill. Reg. 8113, effective MAY 17 2002.

NOTE: In this Part, unless the context clearly indicates otherwise, superscript numbers or letters are denoted by parentheses; subscript are denoted by brackets; "INT" means the integral symbol as used in mathematics; and "SUM" means the summation series or sigma function as used in mathematics.

SUBPART A: GENERAL PROVISIONS

Section 276.102 Definitions

- a) Except as hereinafter stated and unless a different meaning of a term is clear from its context, the definitions of terms used in this Part shall be the same as those used in the Environmental Protection Act [415 ILCS 5] and the Vehicle Emissions Inspection Law of 1995 [625 ILCS 5/Ch. 13B].
- b) The following definitions apply to this Part:

"Accuracy" means the combination of bias and precision errors, technically defined as uncertainty, that quantifies the

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differences between a measured and true value.

"Adjusted loaded vehicle weight (ALVW)" means the vehicle curb weight plus the gross vehicle weight rating divided by two.

"Affected county" means any county or portion thereof, as defined in Section 13B-5 of the Vehicle Emissions Inspection Law of 1995.

"Assigned test month" means the month and year allocated by the Agency for testing a vehicle. The first day of the Assigned Test Month shall be 4 months prior to the sticker or certificate Expiration Date.

"Calibration gas" means a gas of known concentration used to establish the response curve of the exhaust gas analyzer.

"Corrected or interim emissions inspection sticker or certificate" means a sticker or certificate issued in accordance with Section 276.308 of this Part that contains a reassigned vehicle test month issued to the owner(s) of a vehicle subject to emissions inspection who has petitioned the Agency for a change in Assigned Test Month, and whose vehicle has previously been issued an Initial Emissions Inspection Sticker or Certificate with an Assigned Test Month.

"Diagnostic trouble code (DTC)" means an alphanumeric code that is set in a vehicle's onboard computer when a monitor detects a condition likely to indicate the existence of an emission related malfunction of the vehicle.

"Drift" means the amount of change in analyzer reading over a period of time. Zero drift refers to the change of zero reading. Span drift refers to a change in the reading at a specified span gas calibration point.

"Economic hardship extension" means a time extension of one year that may be granted to the owner(s) of a vehicle in order for the owner(s) to comply with the requirements of the Vehicle Emissions Inspection Law of 1995.

"Emission control devices" means those components of a vehicle which were designed and are used to control vehicle exhaust and evaporative system emissions. For the purpose of this Part, this term refers to components with which the vehicle was originally equipped or direct replacements.

"Equivalent test weight" means the loaded vehicle weight for light duty vehicles and light duty trucks 1, and the adjusted

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loaded vehicle weight for light duty trucks 2 and heavy duty trucks.

"Evaporative system integrity test" means a test of the fuel cap portion of a vehicle's evaporative system, which consists of either a fuel cap leak flow test, a fuel cap pressure decay test, or a fuel cap visual functional test, as applicable.

"Exempt emissions inspection sticker or certificate" means a sticker or certificate issued in accordance with Section 276.305 of this Part to the owner(s) of a vehicle registered in an Affected County which is exempt from emissions inspection pursuant to Section 13B-15(f) or 13B-15(g) of the Vehicle Emissions Inspection Law of 1995, and the requirements of this Part.

"Exhaust gas analyzer" means a device that has the capability to identify unknown concentrations of particular constituents in motor vehicle exhaust gases by comparison with known concentrations of analytical gases.

"Expiration date" means the deadline for having a vehicle inspected and obtaining the appropriate sticker or certificate.

"Fleet inspection permit" means a permit issued to fleet self-testers in accordance with Subpart G.

"Fleet inventory" means those vehicles which have been registered with the Agency for the purpose of fleet self-testing and which have been assigned a test month.

"Fleet vehicle" means any non-exempt vehicle registered with the Agency for the purpose of fleet self-testing.

"Fuel cap" means a device used to seal a vehicle's fuel inlet.

"Fuel cap leak flow test" means a test performed in accordance with this Part on a vehicle's fuel cap using a fuel cap leak flow tester to determine whether the vehicle complies with the evaporative system emission standards of 35 Ill. Adm. Code 240.

"Fuel cap leak flow tester (fuel cap tester)" means a device used to determine the leak flow integrity of a vehicle's fuel cap by comparing the measured leak flow of the fuel cap with an established fuel cap leak flow standard.

"Fuel cap pressure decay test" means the test performed in accordance with this Part on a vehicle's fuel cap using a fuel

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cap pressure decay tester to determine whether the vehicle complies with the evaporative system emission standards of 35 Ill. Adm. Code 240.

"Fuel cap pressure decay tester" means a device used to determine the pressure decay integrity of a vehicle's fuel cap by monitoring the pressure behind the fuel cap for a 10 second period and comparing the measured pressure decay of the fuel cap to an established fuel cap pressure decay standard.

"Fuel cap visual functional test" means the test performed in accordance with this Part on a vehicle's fuel cap using visual analysis to determine whether the vehicle complies with the evaporative system emission standards of 35 Ill. Adm. Code 240.

"Gross vehicle weight rating (GVWR)" means the value specified by the manufacturer as the maximum design loaded weight of a single vehicle.

"HC hangup" means hydrocarbons which cling to the surface of the analyzer gas sampling stream causing errors in hydrocarbon readings.

"Heavy duty vehicle (HDV)" means a motor vehicle rated at more than 8500 pounds GVWR or that has a vehicle curb weight of more than 6000 pounds or that has a basic vehicle frontal area in excess of 45 square feet.

"High idle" means a vehicle operating condition with engine disconnected from an external load (placed in either neutral or park) and operating at a speed of 2500 \pm 300 RPM.

"Household income" means the gross income of all household members, except wage or salary income earned by dependent minors under 18 years of age. A head of household and his or her spouse are not considered as minors. Gross income includes wages, interest, annuities, pensions, social security, retirement, disability, public aid, alimony, child support, unemployment benefits, workers' compensation, and any other indirect income such as utility allowances.

"Idle mode" means that portion of a vehicle emission test procedure conducted with the engine disconnected from an external load and operating at minimum throttle.

"Initial emissions inspection sticker or certificate" means a sticker or certificate issued in accordance with Section 276.304 of this Part to the owner(s) of a vehicle that has not been

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tested because such vehicle was not previously subject to inspection, but has become subject to inspection in accordance with the Vehicle Emissions Inspection Law of 1995.

"Initial idle mode" means the first of up to two idle mode sampling periods during a steady-state idle mode test, during which exhaust emission measurements are made with the vehicle in "as-received" condition.

"Interference" means those exhaust gas analyzer read-out errors caused by instrument response to non-interest gases typically occurring in vehicle exhaust.

"Light duty truck 1 (LDT1)" means a motor vehicle rated at 6,000 pounds maximum GVWR or less and which has a vehicle frontal area of 45 square feet or less, and which is designed primarily for purposes of transportation of property or is a derivation of such a vehicle, or is designed primarily for transportation of persons and has a capacity of more than 12 persons, or is available with special features enabling off-street or off-highway operation and use.

"Light duty truck 2 (LDT2)" means a motor vehicle rated between 6,001 and 8,500 pounds maximum GVWR and which has a vehicle frontal area of 45 square feet or less, and which is designed primarily for purposes of transportation of property or is a derivation of such a vehicle, or is designed primarily for transportation of persons and has a capacity of more than 12 persons, or is available with special features enabling off-street or off-highway operation and use.

"Light duty vehicle (LDV)" means a passenger car or passenger car derivative capable of seating 12 passengers or fewer.

"Loaded vehicle weight" means the vehicle curb weight plus 300 pounds.

"Low income" means the household income during the preceding 12 month period was not more than 150 percent of the latest available poverty guidelines established by the U.S. Department of Health and Human Services for the contiguous United States and the District of Columbia.

"Malfunction indicator light (MIL)" means the light found on the dashboard of OBD-equipped vehicles that is required to be illuminated when the OBD system detects malfunctions likely to result in emissions exceeding applicable emission standards. The MIL must display the phrase "Check Engine" or "Service Engine

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Soon". The word "Powertrain" may be substituted for "Engine". Alternatively, the ISO engine symbol may be substituted.

"National Institute of Standards and Technology (NIST) gas" means a standard gas maintained or made available by the National Institute of Standards and Technology for the purpose of determining the accuracy of calibration gases.

"Non-exempt vehicle" means any vehicle subject to emission inspections, regardless of whether the vehicle is in a certified configuration, under the Vehicle Emissions Inspection Law of 1995.

"Non-fleet vehicle" means any non-exempt vehicle except for vehicles registered with the Agency for the purpose of fleet self-testing.

"Official inspection station" means a vehicle emission inspection facility operated by the Agency or the Agency's Contractor for the purpose of conducting emission inspections on non-fleet vehicles.

"On-board diagnostic data link connector (DLC)" means the interface between a vehicle's OBD system and the OBD scan equipment.

"On-board diagnostic readiness code" means a status flag stored by a vehicle's onboard computer that indicates whether a given monitor has been run (i.e., whether the component or system in question has been checked to determine if it is functioning properly).

"On-board diagnostic (OBD) system" means equipment designed to monitor the performance of emission control equipment, fuel metering systems, ignition systems and other equipment and operating parameters for the purpose of detecting malfunctions or deterioration in performance that would be expected to cause the vehicle to exceed federal emission standards.

"On-board diagnostic test" means the electronic retrieval scanning of stored readiness status, diagnostic trouble codes, and MIL illumination status from a vehicle's in-the OBD system to determine if any emission related trouble codes are present and if the MIL is commanded to be on, which would indicate the existence of an emission related malfunction with the vehicle.

"On-road remote sensing test" means the observation, measurement, and recording of vehicle exhaust emission concentrations of

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hydrocarbons (HC), carbon monoxide (CO), and carbon dioxide (CO[2]) present in each in-use vehicle while traveling on roadways or in specified areas by equipment that is not connected to the vehicle.

"Preconditioning mode" means a period of steady-state loaded mode or high-idle operation conducted to ensure that the engine and emissions control system components are operating at normal operating temperatures, thus minimizing false failure caused by improper or insufficient warm-up.

"Private official inspection station" means a vehicle emission inspection facility operated by a registered owner or lessee of 15 or more non-exempt fleet vehicles.

"Recognized repair technician" means a person professionally engaged in vehicle repair, employed by a going concern whose purpose is vehicle repair, or possessing nationally recognized certification for emission related diagnosis and repair.

"Renewal emissions inspection sticker or certificate" means a sticker or certificate issued in accordance with Section 276.306 of this Part to an owner of a vehicle which successfully passes a vehicle emissions test in accordance with the provisions of this Part.

"Second-chance idle mode" means the second of two idle mode sampling periods during a steady-state idle mode test, preceded by a preconditioning mode and utilized as a second chance to pass idle exhaust emission standards immediately following an initial idle mode failure.

"Span gas" means a gas of known concentrations which is used to check or adjust the analyzer response characteristics to those determined by the calibration gases.

"Steady-state idle test" means a vehicle emission test procedure consisting of an initial idle mode measurement of exhaust emissions followed, if necessary, by a loaded or high idle preconditioning mode and a second-chance idle mode.

"Temporary emissions inspection sticker or certificate" means a sticker or certificate issued in accordance with Section 276.307 of this Part to an owner of a vehicle subject to inspection which currently has a valid initial or renewal emission inspection sticker or certificate, and which has met the requirements of this Part.

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"Test cycle" means the two-year period between a vehicle's Assigned Test Months.

"Vehicle curb weight" means the actual vehicle weight plus standard equipment and a full fuel tank.

"Vehicle inspection report" means a report issued to the motorist indicating the results of an emission inspection or waiver determination.

"Visual functional test" means a visual examination of a vehicle's fuel cap for any readily apparent wear, tampering, or defects which would prevent the fuel cap from operating properly.

"Waiver" means a suspension of the requirement that a non-exempt vehicle comply with exhaust emission standards after two or more attempts to do so, as provided for in this Part.

"Waiver emissions inspection sticker or certificate" means a sticker or certificate issued in accordance with Section 276.309 of this Part to the owner(s) of a vehicle which has failed a vehicle emissions test and at least one retest, but successfully complies with the applicable waiver requirements of this Part.

"Waiver inspection" means an inspection conducted by a waiver inspector to determine waiver eligibility.

"Waiver inspector" means a person authorized by the Agency to conduct waiver inspections and to approve or disapprove applications for a waiver.

"Waiver inspection report" means a form containing waiver eligibility requirements which is completed by a waiver inspector to determine whether a vehicle is eligible for a waiver.

(Source: Amended at 26 Ill. Reg. 8113 effective
MAY 17 2002)

Section 276.103 Abbreviations

Abbreviations used in this Part include the following:

ALVW	adjusted loaded vehicle weight
cc/min	cubic centimeters per minute
CO	carbon monoxide
CO[2]	carbon dioxide
CFV	critical flow venturi
CVS	constant volume sampler

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<u>DLC</u>	<u>data link connector</u>
<u>DTC</u>	<u>diagnostic trouble code</u>
<u>gpm</u>	<u>grams per mile</u>
<u>GVWR</u>	<u>gross vehicle weight rating</u>
<u>HC</u>	<u>hydrocarbons, as hexane</u>
<u>HDV</u>	<u>heavy duty vehicle</u>
<u>hr</u>	<u>hour</u>
<u>I/M</u>	<u>inspection and maintenance</u>
<u>kW</u>	<u>kilowatt</u>
<u>LDT1</u>	<u>light duty truck 1</u>
<u>LDT2</u>	<u>light duty truck 2</u>
<u>LDV</u>	<u>light duty vehicle</u>
<u>LVW</u>	<u>loaded vehicle weight</u>
<u>mi</u>	<u>mile, miles</u>
<u>MIL</u>	<u>malfunction indicator light</u>
<u>NDIR</u>	<u>non-dispersive infrared</u>
<u>NIST</u>	<u>National Institute for Standards and Technology</u>
<u>NO</u>	<u>nitrogen oxide</u>
<u>NO[x]</u>	<u>oxides of nitrogen</u>
<u>NO[2]</u>	<u>nitrogen dioxide</u>
<u>OBD</u>	<u>on-board diagnostics</u>
<u>ppm</u>	<u>parts per million by volume</u>
<u>ppmC</u>	<u>parts per million, carbon</u>
<u>psi</u>	<u>pounds per square inch</u>
<u>RPM</u>	<u>revolutions per minute</u>
<u>SDM</u>	<u>source detector module</u>
<u>SE</u>	<u>standard error of estimate</u>
<u>SSV</u>	<u>subsonic venturi</u>

(Source: Amended at 26 Ill. Reg. 8113, effective
MAY 17 2002)

Section 276.104 Incorporations by Reference

The following materials are incorporated by reference and include no later editions or amendments:

- a) United States Environmental Protection Agency (USEPA), "IM240 and Evaporative Test Guidance: 1998 Revised Technical Guidance," Report EPA-AA-RSPD-IM-98-1 (Draft), 2565 Plymouth Road, Ann Arbor MI 48105 (March 1998).

NOTE: Sections of this Guidance are referenced as though they are sections of 40 CFR 85.

- b) United States Environmental Protection Agency (USEPA), "High-Tech I/M Test Procedures, Emission Standards, Quality Control Requirements, and Equipment Specifications: IM240 and Functional Evaporative System Tests, Revised Technical Guidance," Report EPA-AA-RSPD-IM-96-1 (Draft), 2565 Plymouth Road, Ann Arbor MI 48105 (June 1996).

NOTE: Sections of this Guidance are referenced as though they are

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sections of 40 CFR 85.

- c) 40 CFR 85.2222 ~~85-2221~~, 85.2223, and 85.2231 (July 1, 2001 63-PR 244297-24499-24494-(May-207-1998)).
- d) 40 CFR 51.353(c), 51.358(b) and Appendix D to Subpart S and ~~51-350(e)~~ (July 1, 2001 1997).

(Source: Amended at 26 Ill. Reg. 8113, effective
MAY 17 2002)

SUBPART B: VEHICLE EMISSIONS INSPECTION PROCEDURES

Section 276.201 General Description of Vehicle Emissions Inspection Procedures

Compliance with vehicle exhaust, evaporative emissions, on-board diagnostics, and on-road sensing standards shall be determined by use of test procedures and other requirements as applicable as set forth in this Part, and shall be performed to the extent practicable.

(Source: Amended at 26 Ill. Reg. 8113, effective
MAY 17 2002)

Section 276.203 Dilution - Steady-State Idle Exhaust Test and Transient Loaded Mode Exhaust Test

a) Steady-State Idle Exhaust Test

To prevent excess dilution in a steady-state idle exhaust emissions test described in Section 276.204, the sample probe shall be inserted a minimum of 10 inches into the vehicle's tailpipe. Extension boots shall be utilized if it is impossible to insert the sample probe at least 10 inches into the tailpipe. A vehicle emission test shall be invalid if the applicable emission standards contained in 35 Ill. Adm. Code 240 are met but the sum of the CO and CO[2] concentrations in the exhaust gas does not exceed 6 percent during the sample averaging period(s).

b) Transient Loaded Mode Exhaust Test

To prevent excess dilution in a transient loaded mode exhaust emissions test described in Section 276.207, the exhaust collection system shall be positioned to insure complete capture of the entire exhaust stream from the tailpipe during the transient driving cycle. The test system shall verify that the entire exhaust stream is being collected through continuous monitoring of exhaust CO[2] generated during the transient driving cycle and comparison with theoretical levels of exhaust CO[2] produced by the vehicle being tested. A vehicle emission test shall be invalid if the measured values fall below expected values during the transient driving cycle. At a minimum, the emission test shall be invalid if five consecutive one-second average CO[2] values fall below 0.085 percent during seconds 5 through 220 of the transient driving cycle.

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(Source: Amended at 26 Ill. Reg. 8113, effective
MAY 17 2002)

Section 276.207 Transient Loaded Mode Exhaust Emissions Test Procedures

a) General Requirements

- 1) The test shall consist of up to 240 seconds of mass emission measurement using a constant volume sampler while the vehicle is driven through a computer-monitored driving cycle on a dynamometer with inertia weight settings appropriate for the weight of the vehicle. The driving cycle shall include acceleration, deceleration, and idle operating modes as specified in subsection (e)(1) of this Section. The 240-second sequence may be ended earlier using fast pass algorithms.
- 2) The emission standards and dynamometer inertia and power absorption settings shall be automatically selected for the vehicle being tested based upon the identification and validation of the following, as needed:
 - A) Vehicle type: LDV, LDT1, LDT2, and others as needed;
 - B) GVWR;
 - C) Chassis model year;
 - D) Make;
 - E) Model;
 - F) Number of cylinders;
 - G) Transmission type;
 - H) LVW or ALVW; and
 - I) Engine displacement.

Alternative computerized methods of selecting dynamometer test conditions, such as VIN decoding, may be used.

- 3) The ambient temperature, absolute humidity, and barometric pressure shall be recorded continuously during the transient test, or as a single set of readings if taken less than 4 minutes prior to the transient driving cycle.
- 4) If the vehicle is shut off, the vehicle shall be restarted as soon as possible before the test and shall be running for at least 30 seconds prior to the transient driving cycle begins.
- 5) If a vehicle stalls during a transient test, the test shall be aborted and restarted. If after 3 attempts the test cannot be completed, the vehicle shall be rejected.

b) Pre-inspection and Preparation

- 1) Initial tests (i.e., those occurring for the first time in a vehicle's scheduled test cycle) shall be performed without repair or adjustment at the inspection facility prior to the test.
- 2) A test, once initiated, shall be performed in its entirety regardless of intermediate outcomes, except in the case of invalid test conditions or unsafe conditions.
- 3) Tests involving measurement shall be performed with Agency-approved equipment that is operated in accordance with the

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procedures contained in 40 CFR 85.2234 (Draft), incorporated by reference in Section 276.104(a) of this Part.

- 4) All accessories (air conditioning, heat, defogger, radio, automatic traction control if switchable, etc.) shall be turned off (if necessary, by the inspector).
- 5) The vehicle shall be inspected for exhaust leaks. Audio assessment while blocking exhaust flow or gas measurement of CO[2] or other gases shall be acceptable. Vehicles with leaking exhaust systems shall be rejected from testing.
- 6) Vehicles with missing tailpipe sections that prohibit placement of the exhaust collection system to capture the entire exhaust stream shall be rejected from testing.
- 7) The vehicle temperature gauge, if equipped and operating, shall be checked to assess temperature. If the temperature gauge indicates that the engine is well below normal operating temperature, the vehicle shall receive a second-chance emission test if it fails the initial test for HC or CO. Vehicles in overheated condition shall be rejected from testing.
- 8) Vehicles shall be rejected from testing if drive axle tires:
 - A) exhibit visible cords, belts, bubbles, cuts, or other damage, or
 - B) are space-saver spare tires, or
 - C) are not reasonably sized tires.
- 9) Vehicles' drive axle tires shall be inspected for proper inflation. If one or more of these tires appears low, it shall be inflated to approximately 30 psi, or to tire sidewall pressure, or manufacturer's recommendation.
- 10) Drive axle tires of vehicles subject to additional testing for the purpose of program evaluation under 40 CFR 51.353, incorporated by reference in Section 276.104(d) of this Part, shall have their tires inflated to tire sidewall pressure.
- 11) Background concentrations of HC, CO, NO[x], and CO[2] shall be sampled as specified in 40 CFR 85.2226(b)(2)(iv) (Draft), incorporated by reference in Section 276.104(a) of this Part, to determine background concentration of dilution air. The sample shall be taken for a minimum of 15 seconds within 120 seconds after the start of the transient driving cycle, using the same analyzers used to measure tailpipe emissions. Average readings over the 15 seconds for each gas shall be recorded in the test record. Testing shall be prevented until the average ambient background levels are less than 20 ppmC HC, 35 ppm CO, and 2 ppm NO[x] (when applicable), or outside ambient air levels (not influenced by station exhaust), whichever are greater.
- 12) While a lane is in operation, the CVS shall continuously purge the CVS hose between tests. The blower may be turned off if the CVS is not in operation, but the system shall be purged for 2 minutes prior to the start of a test if the blower has been turned off. The off time shall be computer monitored and

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recorded to a history file for quality assurance.

- c) Equipment Positioning and Settings
Vehicle positioning and settings shall be conducted according to the method specified in 40 CFR 85.2221(c) (Draft), incorporated by reference in Section 276.104(a) of this Part, with the following exceptions:
- 1) the cooling fan need only be activated when the ambient temperature exceeds 72°F;
 - 2) the parking brake should only be activated on front wheel drive vehicles when possible; and
 - 3) the hood will not be opened for cooling purposes.
- d) Vehicle Conditioning
- 1) Queuing Time
When the measured wait time exceeds 20 minutes, the vehicle shall receive a second-chance emission test if the following conditions apply:
 - A) fails the test; and
 - B) measured values for HC, CO, and NO[x] (if applicable) are at or below 1.5 times the applicable standards of 35 Ill. Adm. Code 240.
 - 2) Program Evaluation
Vehicles selected for additional testing for the purpose of program evaluation under 40 CFR 51.353, incorporated by reference in Section 276.104(d) of this Part, shall receive two full transient emission tests of 240 seconds each. Results from both tests and the test order shall be separately recorded in the test record. Emission results shall be provided to the motorist according to the following criteria:
 - A) If the vehicle passes both tests, then the first test result shall be provided.
 - B) If the vehicle passes one test and fails the other test, then the test results from the passing test shall be provided.
 - C) If the vehicle fails both tests, then the test results from the second test shall be provided.
- e) Vehicle Emission Test Sequence
- 1) Transient Driving Cycle
The vehicle shall be driven over the driving cycle contained in Section 276. Table A of this Part.
 - 2) Driving Trace
The inspector shall follow an electronic, visual depiction of the time/speed relationship of the transient driving cycle (hereinafter, the trace). The visual depiction of the trace shall be of sufficient magnification and adequate detail to allow accurate tracking by the driver and shall permit the driver to anticipate upcoming speed changes. The trace shall also clearly indicate gear shifts as specified in subsection (e)(3) of this Section.

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- 3) Shift Schedule
For vehicles with manual transmissions, inspectors shall shift gears according to the following shift schedule:

Shift Sequence Gear	Approximate Speed Miles Per Hour	Nominal Cycle Time Seconds
1-2	15	9.3
2-3	25	47.0
De-clutch	15	87.9
1-2	15	101.6
2-3	25	105.5
3-2	17	119.0
2-3	25	145.8
3-4	40	163.6
4-5	45	167.0
5-6	50	180.0
De-clutch	15	234.5

Gear shifts shall occur at the points in the driving cycle where the specified speeds are obtained. For vehicles with fewer than 6 forward gears, the same schedule shall be followed with shifts above the highest gear disregarded.

- 4) Speed excursion limits shall apply as follows:
- A) The upper limit is 2 mph higher than the highest point on the trace within 1 second of the given time.
 - B) The lower limit is 2 mph lower than the lowest point on the trace within 1 second of the given time.
 - C) Speed variations greater than the tolerances (such as may occur during gear changes) are acceptable provided that they occur for no more than 2 seconds on any occasion.
 - D) Speeds lower than those prescribed during the underpowered intervals of seconds 4 through 18, 97 through 115, and 154 through 219 of the trace will allow the station supervisory personnel the option of overriding the automatic void of the test. As part of the override, the station supervisory personnel will be required to witness a second trace. Speeds lower than those prescribed during accelerations are acceptable provided the vehicle is operating at maximum available power during such accelerations until the vehicle speed is within the excursion limits.
 - i) During the station supervisory personnel's witness of the second or subsequent trace, the test will be aborted if a speed variation exists for more than two seconds on any occasion outside the underpowered intervals. If this condition is detected, the test shall be stopped, and may be restarted, or aborted and

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rejected.

ii) If a speed lower than those prescribed during the underpowered intervals is detected, the vehicle will have the opportunity to regain the test trace speed. Once the test trace speed is attained, the vehicle will be required to meet the speed excursion limitations for the entirety of the trace, outside the underpowered intervals.

iii) Station supervisory personnel overrides can be used to accept the results of the witnessed second or subsequent trace(s) if the override is flagged with a trace statistic or distance error so long as it meets the requirements specified in subsections (e)(4)(D)(i) and (e)(4)(D)(ii).

~~Ex) Exceedences of the limits in subsections (e)(4)(A) through (e)(4)(C) of this Section shall automatically result in a void test. Station supervisory personnel can override the automatic void of a test if it is determined that the conditions specified in subsection (e)(4)(D) of this Section occurred. These conditions shall be verified by repeating seconds 0 through 16 of the transient driving cycle as specified in subsection (e) of this Section.~~

~~EF) The test shall be aborted and immediately restarted if speed excursion limits are exceeded, except as described in subsection (e)(4)(D) of this Section.~~

5) Speed Variation Limits

The speed variation limits shall be determined by one of the following methods:

A) Linear Regression Method

i) A linear regression of feedback value on reference value shall be performed on each transient driving cycle for each speed using the method of least squares, with the best fit equation having the form: $y = mx + b$, where:

y = The feedback (actual) value of speed

m = The slope of the regression line

x = The reference value

b = The y-intercept of the regression line

ii) The SE of y on x shall be calculated for each regression line. A transient driving cycle lasting the full 240 seconds that exceeds the following criteria shall be void and the test shall be repeated:

SE = 2.0 mph maximum

m = 0.95 - 1.01

r(2) = 0.97 minimum

b = 2.0 mph

iii) A transient driving cycle that ends before the full 240 seconds that exceeds the following criteria shall

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be void and the test shall be repeated:

SE = (Reserved)

m = (Reserved)

r(2) = (Reserved)

b = (Reserved)

B) Positive Kinetic Energy (PKE) Method

i) The speed variation limits shall be determined by the following equation for Positive Kinetic Energy (PKE):

$$PKE = \frac{\sum_{t=0}^N PP[t] \cdot x}{\int_0^N dx}$$

where: $PP[t] = V(2)[t] - V(2)[t-1]$
 $mi(2)/hr(2)$ for $V[t] > V[t-1]$
 $PP[t] = 0$ for $V[t] \leq 0$
 $x =$ distance (miles)
 $PP[t] =$ Positive Specific Power at time t
 $V[t] =$ Velocity at time t
 $V[t-1] =$ Velocity at time t-1

ii) A transient driving cycle lasting the full 240 seconds with a PKE value that is below the lower PKE limit for passing vehicles or above the upper limit for failing vehicles shall be void and the test shall be repeated:
 Upper Limit: $PKE > 3456$ mi/hr(2)
 Lower Limit: $PKE < 3082$ mi/hr(2)

iii) A transient driving cycle that ends before the full 240 seconds with a PKE value that is below the lower second-by-second PKE limit for passing vehicles or above the upper second-by-second PKE limit for failing vehicles shall be void and the test shall be repeated. The second-by-second upper and lower PKE limits are specified in Section 276. Table B.

iv) PKE values shall not be used to make early pass/fail determination.

6) The actual distance traveled for the transient driving cycle shall be measured. If the absolute difference between the measured distance and the theoretical distance for the actual test exceeds 0.05 miles, the test shall be void and shall be repeated.

7) The vehicle shall be rejected if, during the course of the transient loaded mode test, station supervisory personnel verify that the test cannot be completed due to the mechanical condition of the vehicle.

8) Inertia Weight Selection

Operation of the inertia weight selected for the vehicle shall be verified as specified in Section 276.506(a) of this Part. For

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systems employing electrical inertia simulation, an algorithm identifying the actual inertia force applied during the transient driving cycle shall be used to determine proper inertia simulation.

- 9) The CVS operation shall be verified for each test for a CFV-type CVS by measuring either the absolute pressure difference across the venturi or measuring the blower vacuum behind the venturi for minimum levels needed to maintain choke flow for the venturi design. The operation of an SSV-type CVS shall be verified throughout the test by monitoring the difference in pressure between upstream and throat pressure. The minimum values shall be determined from system calibrations. Monitored pressure differences below the minimum values shall void the test, and a test lane system lockout shall be initiated. No further testing shall be done until the problem is corrected by station supervisory personnel. At Official Inspection Stations, the vehicle involved shall be immediately retested in a properly operating lane.

ii) Fuel Economy

~~For each test, the quality of the overall analysis system shall be evaluated by checking a test vehicle's fuel economy for reasonableness, relative to upper and lower limits, representing the range of fuel economy values normally encountered for the test inertia and horsepower selected. For each inertia selection, the upper fuel economy limit shall be determined using the lowest horsepower setting typically selected for the inertia weight, along with statistical data, test experience, and engineering judgment. A similar process for the lower fuel economy limit shall be used with the highest horsepower setting typically selected for the inertia weight. For test inertia selections where the range of horsepower settings is greater than 5 horsepower, at least two sets of upper and lower fuel economy limits shall be determined and appropriately used for the selected test inertia. Tests with fuel economy results in excess of 1.5 times the upper limit shall result in a void test.~~

ii) System Lockout

~~If a void occurs as described in subsections (e)(6), (e)(9), or (e)(10) of this Section, then a test lane system lockout shall be initiated. No further testing shall be done until the problem is corrected by station supervisory personnel. At Official Inspection Stations, the vehicle involved shall be immediately retested in a properly operating lane.~~

f) Transient Loaded Mode Exhaust Gas Test Score Calculations

The transient loaded mode exhaust gas test score shall be determined according to the method specified in 40 CFR 85.2205(b) (Draft), incorporated by reference in Section 276.104(a) of this Part, with the following exceptions:

- 1) The Phase 2 scores for the test shall be determined by dividing

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the sum of the mass of each pollutant obtained in each second of the Phase 2 test by the number of miles driven in the Phase 2 test. The first data point is the sample taken from t=94 to t=95. The Phase 2 test score shall be determined by the following equation:

$$\text{Phase 2 gpm} = \frac{\sum_{t=94}^s \text{grams of emissions}}{\sum_{t=94}^s \text{miles traveled}}$$

Where s = duration of test in seconds for fast pass, or s = 239 seconds for complete transient loaded mode exhaust gas test.

- 2) NO[xe] = Nitrogen oxide concentration of the dilute exhaust sample as measured in ppm and multiplied by 1.03.
 3) NO[xd] = Background nitrogen oxide concentration of the dilution air, sampled as described in 40 CFR 85.2221(b)(5) (Draft), incorporated by reference in Section 276.104(a) of this Part, as measured in ppm and multiplied by 1.03.
 g) Pass/Fail Determination
 Compliance with the transient loaded mode exhaust emission test shall be made in accordance with the standards contained in 35 Ill. Adm. Code 240, Subpart E.

(Source: Amended at 26 Ill. Reg. 8113, effective MAY 17 2007)

Section 276.209 On-Board Diagnostic Test Procedures

a) Test Procedures

The OBD test procedure shall be conducted according to the method specified in 40 CFR 85.2222(a), (b), and (c), incorporated by reference in Section 276.104(c) of this Part. However, once initiated, the OBD test shall be conducted as completely as possible, regardless of intermediate reject or fail results.

b) Pass/Fail Determination

The pass/fail determination for OBD testing shall be conducted according to the method specified in 40 CFR 85.2222(d), incorporated by reference in Section 276.104(c) of this Part.

c) Reject Determination OBD Test Report

The reject determination for OBD testing shall be conducted according to the method specified in 40 CFR 85.2222(c) with the following modifications, according to which a vehicle shall be rejected from testing: The OBD test report shall be prepared according to the method specified in 40 CFR 85.2223, incorporated by reference in Section

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~~276.104(c) of this Part, with the exception that the following statement shall be added to the report for all OBD tests conducted prior to January 1, 2001:~~

~~"At the present time, passing the OBD test is not a requirement for passing the Enhanced I/M test. Therefore, this information is being provided strictly as an aid in diagnosing emission-related problems."~~

- ~~1) the vehicle is presented for testing, passes the OBD inspection, but the number of unset non-continuous readiness codes exceeds the following:~~

- ~~A) 2 monitors "not ready" for MY 1996 to MY 2000 vehicles, and
B) 1 monitor "not ready" for MY 2001 and newer vehicles, or~~

- ~~2) the vehicle is presented for retesting after an OBD failure involving catalytic converter DTCs P0420 through P0439, and the catalyst monitor is "not ready" at the time of retest.~~

d) OBD Test Report

The OBD test report shall be prepared according to the method specified in 40 CFR 85.2223, incorporated by reference in Section 276.104(c) of this Part, with the exception that the following statement shall be added to the report for all OBD tests conducted prior to January 1, 2002, in accordance with 35 Ill. Adm. Code 240.191:

"At the present time, passing the OBD test is not a requirement for passing the Enhanced I/M test. Therefore, this information is being provided strictly as an aid in diagnosing emission-related problems."

AGENCY NOTE: No vehicle shall fail the I/M test on the basis of the OBD test until January 1, 2002, in accordance with 35 Ill. Adm. Code 240.191 2001.

(Source: Amended at 26 Ill. Reg. 8113, effective MAY 17 2002)

SUBPART D: WAIVER AND ECONOMIC HARDSHIP EXTENSION REQUIREMENTS

Section 276.402 Low Emissions Tuneups (Repealed)

a) Minimum Requirements

- ~~1) All low-emissions tuneups shall include inspection of the following vehicle components or systems:~~

- ~~A) air-cleaner elements;
B) all other intake restrictions;
C) choke mechanism;
D) idle speed, ignition dwell, and timing;
E) air-fuel mixture;
F) sensors and vacuum hoses;~~

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- ~~G) positive crankcase ventilation (PCV) system;
H) exhaust gas recirculation (EGR) system;
I) spark-plugs and spark-plug-wires;
J) electronic fuel metering and feedback control system; and
K) air pump;~~

- ~~2) Any of the above components or systems which are found to be operating improperly shall be adjusted, repaired, or replaced, as appropriate;~~

- ~~3) A low-emissions tuneup shall not require a major engine overhaul, including all repairs which require access to the combustion chamber (except for spark-plug or fuel-injection equipment replacement, as applicable);~~

b) Proof of Low Emissions Tuneups

Proof of low-emissions tuneups necessary to satisfy the requirements in Section 276.401(b) shall consist of the following:

- ~~1) a repair order or receipt(s) provided by the person performing the repairs; the date of the repairs; an itemization of all diagnoses, repairs, adjustments, and part replacements; a statement of cost; and the signature of the person who performed the repairs;~~

- ~~2) if necessary, a visual inspection of the vehicle to determine if the repairs have actually been performed; and~~

- ~~3) all information requested on the reverse side of the Vehicle Inspection Report must be completed;~~

(Source: Repealed at 26 Ill. Reg. 8113, effective MAY 17 2002)

Attachment 6

Input, Output Files and Run Specifications for
MOVES2010a
(Summary Tables Printed –
Modeling Runs ONLY on Disc)

**TABLE 1
COMPARISON OF ALTERNATE LOW ENHANCED I/M PERFORMANCE STANDARD
TO THE 2012 ILLINOIS I/M PROGRAM**

Parameter	Alternate Low Enhanced I/M Performance Standard	2012 Illinois I/M Program
Network type	Centralized	Hybrid *
Start date	1983	1987 (areas with existing programs)
Test frequency	Annual	Biennial
Model year coverage	Model year 1968 and newer	Model year 1996 and newer (4-year new vehicle exemption)
Vehicle type coverage	Gasoline-powered LDVs and LDTs trucks up to 8,500 lbs GVWR	LDVs and LDTs up to 8,500 lbs GVWR of model year 1996 and newer (4-year new vehicle exemption) HDVs up to 14,000 lbs GVWR of model year 2007 and newer (4-year new vehicle exemption)
Exhaust emission test type	Single speed idle test	OBD for model year 1996 and newer LDVs and LDTs, and model year 2007 and newer OBD-compliant HDVs**
Emission standards	40 CFR Part 85, Subpart W	35 Ill. Adm. Code Part 240
Emission control device inspections	Visual inspection of the positive crankcase ventilation valve on all 1968 through 1971 model year vehicles, inclusive, and of the exhaust gas recirculation valve on all 1972 and newer model year vehicles	None
Evaporative system function checks	None	None
Waiver rate	3%	2.2% as a percentage of failed vehicles
Compliance rate	96%	96%

* Historically, Illinois has performed 98 percent of tests in centralized test-only stations. The remaining two percent of tests conducted in test and repair stations is conducted with the same test equipment and fraud prevention techniques. Therefore, for modeling purposes, the Illinois EPA is using the centralized test-only network input.

** Only OBD-compliant HDVs (2007 and newer model year and have a GVWR between 8,501 and 14,000 pounds) are tested.

Table 2: MOVES Input Tables with Descriptions and Data Source Information

MOVES Table	Description	Data Source
RampFraction	Provide the fraction of ramp driving time on selected road types.	Used MOVES default data.
RoadTypeDistribution	Provides data about vehicle miles traveled by road type for the domain being modeled (Chicago and Metro-East St. Louis nonattainment areas).	VMT data for 2001 was obtained from the 2002 Illinois Department of Transportation (IDOT) VMT data and decreased by 1.5%.
SourceTypePopulation	Provides data about the number of vehicles in the geographic area to be modeled for each vehicle type.	Source type population is estimated based VMT estimates for a particular source type and ratio of default population to VMT by source type. See section 3.3 of the Guidance Manual*.
VehicleTypeVMT	Provides data about annual vehicle miles traveled and the monthly, type of day, and hourly VMT fractions.	VMT data for 2001 was obtained from the 2002 Illinois Department of Transportation (IDOT) and decreased by 1.5%.
AgeDistribution	Provides data about the distribution of vehicle counts by age for each calendar year and vehicle type.	Registration data, obtained from the Illinois Secretary of State (SOS), is used to estimate the age distribution where data about a vehicle type is available. Registration data for 2002 was used for LDV, LDT1 and LDT2 source types. MOVES default age distributions are used for all other source types.
avgspeeddistribution	Allows the user to input average speed data specific to vehicle type, road type and time of day/type of day. Used USEPA's AvgSpeedDistribution worksheet of average speed conversion spreadsheet.	Mobile 6.2 speed data was entered into the conversion spreadsheet as urban data while existing rural speed data in the conversion spreadsheet was used in the MOVES model.
FuelSupply	Provides data about the associated market share for existing fuels.	Market shares are as follows: Chicago nonattainment area used the default market shares associated with Cook County. Market share ratios for the East St. Louis nonattainment area were estimated based on the weighted average VMT associated with each county in the nonattainment area.
fuelformulation	Provides data about the fuel formulation for each fuel type listed in the fuel supply table.	MOVES default fuel formulations were used.
MeteorologyData	Provides temperature and humidity data for months, zones, counties, and hours.	Used the MOBILE6.2 meteorological data that was obtained from the National Weather Service (NWS) O'Hare and Lambert Fields for 2002.
I/M Coverage	Provides information describing inspection and maintenance programs.	Refer to table 1 which lists the different scenarios

* Technical Guidance on the Use of MOVES2010 for Emission Inventory Preparation in State Implementation Plans and Transportation Conformity, United States Environmental Protection Agency (USEPA), April 2010

Attachment 7

Repair Shop Report Card Brochure
(July 2012 Edition)



Repair Shop Report Card

If your vehicle did not pass the Illinois Vehicle Emissions Test, it needs to be repaired and retested.



This booklet can help:

- Decide where to have the vehicle repaired.
- Answer your questions about the Illinois Vehicle Emissions Test.

For more information, or to locate a Repair Shop on our website visit www.IllinoisAirTeam.com

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WHY SHOULD I READ THIS?

If your vehicle failed an emissions test or was rejected for system monitors, please take a few moments to review the information in this report. The Illinois Environmental Protection Agency and the *Air Team* created this report to help you identify a repair shop that can diagnose and repair your vehicle and to answer frequently asked questions about the Illinois vehicle emissions test.

WHAT IS THE REPAIR SHOP REPORT CARD?

The Repair Shop Report Card (Report Card) is an indication of a shop's ability to diagnose and repair vehicles that have not passed the emissions test. Each shop listed has a grade based on their ability to repair emissions systems. The grade is based on emissions repair data and is calculated by dividing the number of successful emissions-related repairs by the total number of emissions-related repairs done. Shops must have at least five emissions repairs during six months and achieve a success rate of 75% or greater to appear in the Report Card. They are assigned a letter grade (A=93-100%, B=84-92%, and C=75-83%). The report is updated quarterly. Shops are listed by grade, followed by number of repairs.

SUGGESTIONS ON HOW TO CHOOSE A REPAIR SHOP

Although motorists are free to choose any repair shop, we recommend you consider having your vehicle repaired by a qualified technician who is trained, experienced, and equipped to repair emissions systems.

The repair of emissions systems has emerged as a specialty in automotive repair. Just as all repair shops do not work on transmissions or do front-end alignments, not all repair shops work on emissions. The diagnosis and repair of vehicles emissions systems can involve the repair or replacement of multiple components and can be very challenging — even to veteran technicians. Be prepared to take the time necessary to discuss your vehicle's test results, the shop's repair procedures, and the potential costs involved.

When choosing a repair shop, it's important to consider:

- **Grades:** The repair shop's grades listed in this report. The higher the grade, the more success it has in repairing emissions systems.
- **Number of Repairs:** The volume of repairs performed by the repair shop, not just the grade. Large numbers of repairs and a high grade are generally more indicative of a skillful shop.
- **Certified Technicians:** Whether the shop employs a technician who is certified by the National Institute for Automotive Service Excellence (ASE).
- **Industry Affiliations:** Whether the shop has automotive industry affiliations, such as the Automotive Service Association (ASA) or the Alliance of Automotive Service Providers (AASP). (Additional information about ASE, ASA, and AASP is provided later in the Report Card.)

THE REPAIR PROCESS

Statistics indicate most emissions problems are not due to engine tune-up parts. The average vehicle owner is probably unable to properly diagnose and repair emissions systems because of the specialized training, experience, and equipment required to repair these modern vehicles. If your vehicle doesn't run well, that problem certainly will need to be corrected first. However, many vehicles that do not pass the emissions test appear to run well, yet have higher than allowable exhaust and/or evaporative emissions. A series of inspections and diagnostics will be necessary before a solution can be determined.

In most cases, the repair shop will need to perform several steps just to know where to start. They will need to interpret the Vehicle Inspection Report (VIR) that you received in the test lane, road test the vehicle to check performance, and inspect the vehicle to verify all emissions-control parts are operating as designed. They also will have the resources to research available factory and industry service bulletins and relevant warranty information.

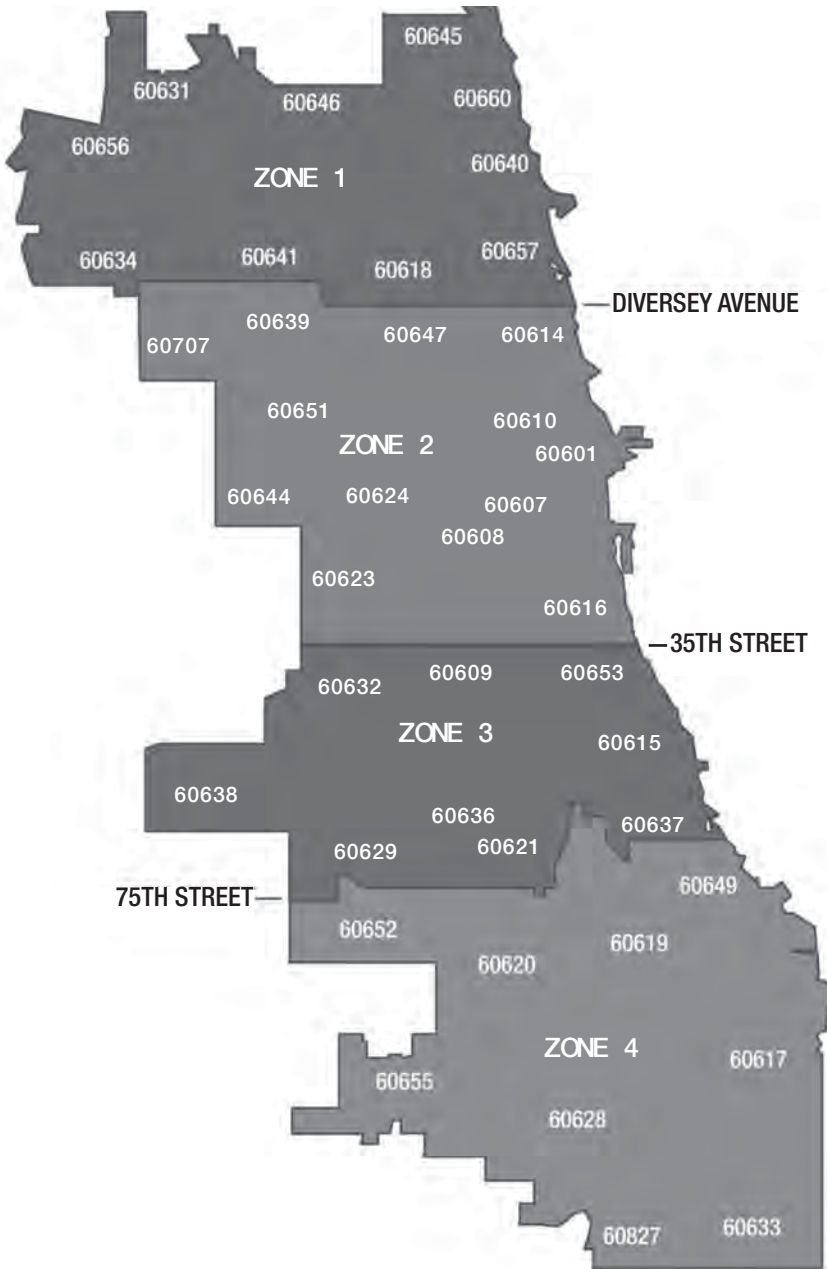
That's a lot for starters, but it avoids guesswork, mistakes and unneeded replacement of expensive components. Even then, this may not uncover the exact cause. These steps are intended to document conditions before the repair, and reveal systems or components not functioning correctly. Additional testing may be required, and often more than one component or system may be at fault.

A number of repair shops may not be listed in the Report Card, possibly including the shop you regularly use. You should feel free to ask your regular repair shop – or any shop – what experience they have in repairing emissions systems, whether they completed formal training, and membership in professional organizations. It is important you consider all available information before choosing a repair shop.

ONCE YOU CHOOSE A REPAIR SHOP:

- Be sure to mention your vehicle failed or was rejected for system monitors, *and*
- give the shop the Vehicle Inspection Report, *and*
- give the shop the Repair Data Form.

CHICAGO ZONE MAP



*For more information, or to locate a Repair Shop on our website
visit www.IllinoisAirTeam.com*

CHICAGO ZONE 1 MAP



**For more information, or to locate a Repair Shop on our website
visit www.IllinoisAirTeam.com**

CHICAGO ZONE 1

Shop Name	Address	Zip	Tel.#	Repairs	Grade
Oil Plus Auto Repair	3400 W Peterson Ave	60659	(773) 866-1666	254	A
Factory Muffler Complete Auto	3055 W Devon Ave	60659	(773) 262-6699	163	A
Ashland Tire & Auto	3737 N Ashland Ave	60613	(773) 549-0084	49	A
Dankha's Aut Repair	6700 N Clark St	60626	(773) 508-0802	47	A
Ted's Auto Clinic Inc	7850 W Addison St	60634	(773) 625-7360	44	A
Car Zone Auto Repair	2814 N Laramie Ave	60641	(773) 283-1599	42	A
R P Automotive	3652 N Milwaukee Ave	60641	(773) 794-8004	37	A
Arya Auto & Body Shop	6707 N Clark St	60626	(773) 764-3232	34	A
Barry Auto Repair	3019 W Montrose Ave	60618	(773) 478-3041	34	A
Austin Auto Repair	7300 W Belmont Ave	60634	(773) 889-1111	32	A
Hollywood Services Inc	5656 N Western Ave	60659	(773) 561-9458	32	A
Raul's Auto Service	3630 W Diversy Ave	60647	(773) 556-9793	32	A
Auto Workshop Inc	2351 W Winnemac Ave	60625	(773) 942-7288	29	A
Norms Auto Clinic	5943 N Lincoln Ave	60659	(773) 271-2600	29	A
Lawrence Auto Werks	4430 W Lawrence Ave	60630	(773) 205-9990	28	A
All Tech Auto & Truck Repair Inc	3635 N Kedzie Ave	60618	(773) 463-3173	27	A
Sparks Computerized Car Care	7259 W Irving Park Rd	60634	(773) 625-5000	27	A
Car-X Auto Service	3244 W Irving Park Rd	60618	(773) 463-4169	24	A
A Speedline Automotive	5250 N Damen Ave	60625	(773) 878-3000	22	A
ABM Auto Service Inc	3044 W Montrose Ave	60618	(773) 878-5530	20	A
Nal's Auto Repair	1815 W Irving Park Rd	60613	(773) 525-8600	19	A
A & A Auto Services	3104 W Montrose Ave	60618	(773) 539-6300	18	A
Right Way Service	3912 N Damen Ave	60618	(773) 549-9078	17	A
Howard Auto Services	2857 W Howard St	60645	(773) 262-7193	16	A
Jerry's Auto Repair	3250 N Sheffield Ave	60657	(773) 327-4409	16	A
K-D Auto Service	6419 N California Ave	60645	(773) 274-8601	16	A
Cruz O Matic Auto Repair	3536 N Knox Ave	60641	(773) 481-6666	15	A
Lawrence & California Auto	4860 N Elston Ave	60630	(773) 282-2009	15	A
Lefty's Automotive Inc	5628 N Elston Ave	60646	(773) 763-4000	15	A
A B Marathon	5550 N Ashland Ave	60640	(773) 784-6400	14	A
Millennium Auto Repair	3820 N Cicero Ave	60641	(773) 283-3999	14	A
Albany Park Auto Clinic	3848 W Lawrence Ave	60625	(773) 588-5218	13	A
Axtmann Automotive	5500 N Northwest Hwy	60630	(773) 763-8333	13	A
Carr's Honda Center	6600 N Western Ave	60645	(773) 274-7777	13	A
E & J Foreign Cars Ltd	4245 N Western Ave	60618	(773) 588-6631	12	A
Progressive Auto Service	3535 W Montrose Ave	60618	(773) 539-5060	12	A
A to Z Auto Service	4129 N Western Ave	60618	(773) 878-3800	11	A
Quality Auto Repair	5958 W Montrose Ave	60634	(773) 685-4636	11	A
Bruce's Automotive	5737 N Northwest Hwy	60631	(773) 594-0034	10	A
JW Auto Service 2	6110 N Milwaukee Ave	60646	(773) 774-5605	10	A

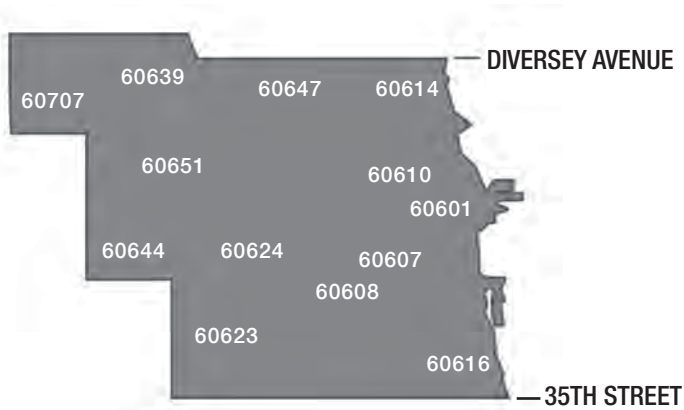
CHICAGO ZONE 1

Shop Name	Address	Zip	Tel.#	Repairs	Grade
Automotive Technicians Service	3017 W Irving Park Rd	60618	(773) 463-0707	9	A
Chicago Northside Toyota	5625 N Broadway St	60660	(773) 728-5000	9	A
J & C Auto Repair	7057 N Clark St	60626	(773) 465-2920	9	A
Richard's Service Center	3125 W Devon Ave	60659	(773) 743-1171	9	A
Spring Auto	6249 N Clark St	60660	(773) 895-7644	9	A
L & L Auto Service Inc	4142 N Western Ave	60618	(773) 866-1705	8	A
Midas Auto Service Experts	6301 N Lincoln Ave	60659	(773) 539-8454	8	A
Norman International Auto Repair	3100 W Montrose Ave	60618	(773) 588-4400	8	A
O & J Auto Service	6417 N Ravenswood Ave	60626	(773) 465-0163	8	A
Oscar Auto Body & Mechanical	4227 N Elston Ave	60618	(773) 539-5443	8	A
Our Town Auto Centers Inc	3301 N Harlem Ave	60634	(773) 777-8811	8	A
Auto Plus of Chicago	4460 N Elston Ave	60630	(773) 794-0112	7	A
Elite Import Sales & Service	4048 N Elston Ave	60618	(773) 588-9622	7	A
Keil Automotive Inc	5611 N Northwest Hwy	60646	(773) 763-5544	7	A
Safe Auto Clinic	4409 N Central Ave	60630	(773) 545-1400	7	A
Stanley's Automotive	6001 W Montrose Ave	60634	(773) 685-4861	7	A
Supreme Auto	3067 N Harlem Ave	60634	(773) 745-4660	7	A
A K Auto Service	4747 N Pulaski Rd	60630	(773) 267-4447	6	A
B J's U Joint Inc	3820 N Harlem Ave	60634	(773) 625-2322	6	A
California Auto Clinic	3215 N California Ave	60618	(773) 478-8206	6	A
D Z Auto Care	4632 W Lawrence Ave	60630	(773) 930-4232	6	A
Fair Muffler & Brake Shop	7001 N Western Ave	60645	(773) 465-8300	6	A
Pete's Auto Clinic	3426 W Bryn Mawr Ave	60659	(773) 463-4411	6	A
3 Stars Auto Body & Muffler Inc	3011 W Lawrence Ave	60625	(773) 866-1901	5	A
Chicago Auto Service	3325 W Montrose Ave	60618	(773) 588-4412	5	A
Crest Automotive	6716 W Higgins Ave	60656	(773) 763-7554	5	A
Mid City Lincoln Mercury	4330 W Irving Park Rd	60641	(773) 286-6000	5	A
Petco Auto Service	5522 N Kedzie St	60625	(773) 588-5771	5	A
Stanark Auto Repair	6239 W Belmont Ave	60634	(773) 637-5044	5	A
Superior Muffler Inc	2956 N Narragansett Ave	60634	(312) 237-8797	5	A
Xcellent Tires & Service	6233 N California Ave	60659	(773) 743-8800	5	A
Reliable Auto Repair Center	3401 N Ashland Ave	60657	(773) 935-3355	36	B
Velasquez & Sons	3611 N Pulaski Rd	60641	(773) 267-1166	31	B
Al Medina Auto Repair	4876 N Clark St	60640	(773) 739-0300	24	B
Foster Broadway Marathon Service	5156 N Broadway St	60640	(773) 728-8926	21	B
Mike Anderson Chevrolet	5333 W Irving Park Rd	60641	(773) 465-2000	21	B
Howard Tire	1535 W Howard St	60626	(773) 671-9821	20	B
Tico's Auto Repair Inc	2844 N Kedzie Ave	60618	(773) 235-3323	20	B
Richard's Auto Repair	3056 W Lawrence Ave	60625	(773) 478-1630	18	B
Ace Muffler & Brake Shops Inc	7157 W Irving Park Rd	60634	(773) 282-1444	13	B
B & M Service Center	3660 N Milwaukee Ave	60641	(773) 685-4498	13	B
Manicke's Service Station Inc	5800 W Belmont Ave	60634	(773) 777-6555	13	B
The Autobarn City Volkswagen	5330 W Irving Park Rd	60641	(773) 794-7800	13	B
Windy City Discount Muffler & Brake	3924 W Irving Park Rd	60618	(773) 866-2812	13	B
Peterson Car Care	2002 W Peterson Ave	60659	(773) 973-3733	12	B
Sun Auto Service Inc	3201 N Damen Ave	60618	(773) 477-2677	12	B
Frank's Illinois Auto Repair	7347 W Irving Park Rd	60634	(773) 589-2566	11	B
Maltos Auto Service	3444 W Montrose Ave	60618	(773) 279-8310	11	B
Tandil Auto Repair	3555 N Oak Park Ave	60634	(773) 736-9193	11	B
Value Services	6040 N Broadway St	60660	(773) 764-0550	11	B
Czach Automotive Inc	6935 W Irving Park Rd	60634	(773) 736-1910	10	B
New Clark Auto	5006 N Clark St	60640	(773) 784-8268	10	B
Lincoln Automotive Group Inc	5455 N Lincoln Ave	60625	(773) 769-1800	9	B
Prestige Auto Service Inc	4301 N Central Ave	60634	(773) 481-0949	9	B
R Auto Force	4230 N Pulaski Rd	60641	(773) 427-5211	9	B
National Auto Repair Inc	3323 N Harlem Ave	60634	(773) 481-0606	8	B
Central & Caldwell Service Inc	6301 N Central Ave	60646	(773) 763-3650	7	B
Everis Automotive Service	3613 N Harlem Ave	60634	(773) 481-1771	7	B
J & Salomon Auto Repair	4317 N Western Ave	60618	(773) 588-2917	7	B
MS Import Auto Diagnostic	3425 W Irving Park Rd	60618	(773) 971-8389	7	B
Midwest Car Care Inc	4543 N Pulaski Rd	60630	(773) 509-1477	7	B

CHICAGO ZONE 1

Shop Name	Address	Zip	Tel.#	Repairs	Grade
Primos Auto Repair	6969 N Ravenwood Ave Ste C	60626	(773) 381-7841	7	B
Rogers Park Auto Shop	6828 N Clark St	60626	(773) 274-9900	7	B
Marvins Auto Repair	1828 W Belmont Ave	60657	(773) 296-2584	38	C
Luis Auto Repair	1419 W Howard St	60626	(847) 217-8760	26	C
Casas Caidas Auto Repair	3368 N Pualaski Rd	60641	(773) 283-0509	24	C
Velasquez & Sons Mufflers	2845 W Belmont Ave	60618	(773) 267-6632	23	C
North Park Auto Service Inc	5033 N Kedzie Ave	60625	(773) 279-0700	20	C
Transmission Masters	3051 N Kedzie Ave	60618	(773) 478-1700	20	C
Brakes 4 Less	6130 N Clark St	60660	(773) 761-3566	19	C
Polstar Auto Center	2930 N Cicero Ave	60641	(773) 282-9967	18	C
Mufflers For Less	3349 N Damen Ave	60618	(773) 348-2955	17	C
Star Auto	5000 N Clark St	60640	(773) 561-9533	17	C
Grace Automotive Inc	3756 N Pulaski Rd	60641	(773) 545-6770	16	C
S & T Automotive	3325 N Knox Ave	60641	(773) 286-7686	16	C
Torre's Auto	4228 N Pulaski Rd	60641	(773) 205-7580	15	C
Lincoln Wilson Service	5101 N Western Ave	60625	(773) 271-3877	12	C
Louie's Auto Repair	1530 W Lawrence Ave	60640	(773) 334-9177	12	C
A & Zee Auto	3525 N Harlem Ave	60634	(773) 283-9778	11	C
Autotecx	6501 N Western Ave	60645	(773) 961-7166	11	C
Car Care Center ASA Inc	3447 W Belmont Ave	60618	(773) 588-3200	11	C
Chicago Imports & Domestic Auto Repair	3109 N Elston St	60618	(773) 478-1733	11	C
Ernie's Local Automotive Inc	6424 W Higgins Ave	60656	(773) 763-4488	11	C
Four Star Auto Mania	3914 N Milwaukee Ave	60641	(773) 286-4554	11	C
Victor's Mufflers	4228 N Pulaski Rd	60618	(773) 283-2765	11	C
Devon & Clark Auto Repair	6346 N Clark St	60660	(773) 338-8422	10	C
Express Auto Service	5374 N Elston Ave	60630	(773) 205-2262	10	C
Auto Repair 4 Less	939 W Irving Park Rd	60613	(773) 880-0144	9	C
Hi-Tech Auto Group Inc	4919 W Diversey St	60630	(773) 385-5302	9	C
Nuno's Complete Car Care	6435 N Harlem Ave	60631	(773) 647-1405	9	C
P & J Super Auto Inc	6809 N Clark St	60626	(773) 764-1994	9	C
Sun Auto Werks	4626 W Cornelia Ave	60641	(773) 736-4550	9	C
Western & Bryn Mawr Auto	5556 N Western Ave	60625	(773) 275-7767	9	C
Amber Automotive	7525 N Wolcott Ave	60626	(773) 262-1094	8	C
Central Auto Care	3011 N Central Ave	60634	(773) 282-1466	8	C
Hadalgo Auto Body Repair	2739 W Belmont Ave	60618	(773) 588-9951	8	C
Hernandez Auto Repair	5447 N Broadway St	60640	(773) 728-4232	8	C
OK Auto Repair	1712 W Pratt Blvd	60626	(773) 274-2737	8	C
European American Motors	3541 N Lincoln Ave	60657	(773) 929-4288	6	C
European House Of Auto Repair	5981 N Ridge Ave	60660	(773) 761-3100	6	C
Floudas Automotive	5035 W Lawrence Ave	60630	(773) 777-3339	6	C
Lucas Vehicle Brake & Alignment	3501 N Western Ave	60618	(773) 528-2212	6	C
Milwaukee Diagnostic Center	5605 N Milwaukee Ave	60646	(773) 775-5256	6	C
Renew Muffler & Brakes	5712 N Western Ave	60659	(773) 561-2322	6	C
Transtastic	3717 N Ashland Ave	60613	(773) 661-5100	6	C
All Automotive Repair	6943 N Western Ave	60645	(773) 465-0728	5	C
Cicero Auto Repair Inc	3739 N Cicero Ave	60641	(773) 202-0097	5	C
Delta Auto Service Inc	5802 W Irving Park Rd	60634	(773) 777-6460	5	C
Kennedy Kimball	3330 N Kimball Ave	60618	(773) 583-7550	5	C
Manny's Auto Service	3224 N Elston Ave	60618	(773) 539-2557	5	C
Millex Tune Up & Brakes	7059 W Belmont St	60634	(773) 237-3337	5	C
Pratt Auto Works	1714 W Pratt Blvd	60626	(773) 761-0001	5	C
Roscoe & Western Garage Inc	3355 N Western Ave	60618	(773) 281-0333	5	C
Sears Auto Center	4035 N Cicero Ave	60641	(773) 202-2402	5	C
Velasquez & Sons Mufflers IV	5705 N Elston Ave	60646	(773) 467-1114	5	C

CHICAGO ZONE 2 MAP



**For more information, or to locate a Repair Shop on our website
visit www.IllinoisAirTeam.com**

CHICAGO ZONE 2

Shop Name	Address	Zip	Tel.#	Repairs	Grade
Delgado's Muffler & Brake Shop	1831 N Western Ave	60647	(773) 235-4600	265	A
Teloloapan Muffler & Brake II Inc	2100 S Ashland Ave	60608	(312) 243-9090	146	A
Teloloapan Muffler & Brake I Inc	2330 S Rockwell St	60608	(773) 247-1981	64	A
Davila Auto Service	2114 S Ashland Ave	60608	(312) 226-7393	55	A
D-N-A Auto Repair	2130 N LaPorte Ave	60639	(773) 524-1082	42	A
Rojas Auto Service	1850 W 33rd St	60608	(773) 247-9318	42	A
Andrade Auto Repair	4437 W Armitage Ave	60639	(773) 276-4683	40	A
Standard Generator Services	4418 W Ogden Ave	60623	(773) 762-6268	32	A
Armando's Auto Repair	5310 W Diversey Ave	60639	(773) 777-7989	30	A
Better West Auto Repair Inc	5835 W Grand Ave	60639	(773) 637-6901	29	A
Galeno's Auto Repair	6327 W Grand Ave	60639	(773) 637-4681	29	A
Sun Auto Inc	1108 S Western Ave	60612	(312) 243-6614	22	A
Julian's Auto Service	4517 W Ogden Ave	60623	(773) 762-4249	21	A
Zepeda's Auto Service	3061 W Armitage Ave	60647	(773) 486-1772	21	A
Car-X Auto Service	2509 N Ashland Ave	60614	(773) 348-7912	20	A
Castillo's Auto Repair	3685 W Grand Ave	60651	(773) 486-3200	20	A
Augusta & Paulina Service Station	1700 W Augusta Blvd	60622	(773) 486-9768	19	A
Ogden Automotive Center	430 N Ogden Ave	60622	(312) 421-4141	19	A
S & A Brothers Inc	3823 W Lake St	60624	(773) 638-1751	18	A
Chavez Auto Repair	3800 W Armitage Ave	60647	(773) 276-4538	17	A
Grossinger City Toyota	1233 N Wells St	60610	(312) 707-9500	16	A
Interstate Muffler & Brake Inc	1254 S Western Ave	60608	(312) 733-5333	16	A
Midwest Auto Center Inc	3400 W Armitage Ave	60647	(773) 227-5625	16	A
Cermak Auto Care	3324 W Cermak Rd	60623	(773) 801-1787	14	A
Erazo Auto Service Inc	5818 W Fullerton Ave	60639	(773) 237-0322	14	A
Fulton & DesPlaines Garage	225 N DesPlaines St	60661	(312) 263-9872	13	A
AB & S Auto Service	4641 W Maypole Ave	60644	(773) 379-0041	12	A
American Auto Service Inc	5524 W Fullerton Ave	60639	(773) 804-9040	12	A
California Auto Repair	2445 N Milwaukee Ave	60647	(773) 278-5025	12	A
Car-X Auto Service	2737 N Central Ave	60639	(773) 889-6311	12	A
Express Muffler and Brake	6362 W Grand Ave	60639	(773) 622-4142	12	A
Medina Superior Motorsport Inc	3820 W Diversey Ave	60647	(773) 489-1395	12	A
Bob & Son Car Care Center	345 W 31st St	60616	(312) 842-1952	10	A
Diaz Auto Repair	2342 N Saint Louis Ave	60647	(773) 486-7602	9	A
Pilsen Auto Transmission	3549 W Cermak Rd	60623	(773) 542-0884	9	A
Diversey Ignition Co	4857 W Diversey Ave	60639	(773) 637-7760	8	A
G & T Auto Specialists	2639 W Division St	60622	(773) 227-7933	8	A
Guerrero Auto Repair	2037 W Cermak Rd	60608	(773) 254-2843	8	A

CHICAGO ZONE 2

Shop Name	Address	Zip	Tel.#	Repairs	Grade
Lou's One Stop	2357 S Sawyer Ave	60623	(773) 522-1188	8	A
Pantola Auto	3520 W Ogden Ave	60623	(773) 440-6828	8	A
A & A Automotive Services Inc	1045 W Washington Blvd	60607	(312) 421-0171	7	A
Division Noble Shell	1400 N Division Ave	60642	(773) 235-4477	7	A
G & R Auto Repair	824 S Western Ave	60612	(312) 850-9417	7	A
Medinas Auto Repair	2600 W 23rd Pl	60608	(773) 890-9248	7	A
Moyas Auto Repair	2859 S Spaulding Ave	60623	(773) 523-7047	7	A
Perfect Pitch Auto Repair	10758 S Kedzie Ave	60605	(773) 881-1818	7	A
Vaia Inc Auto Specialist	844 W Lake St	60607	(312) 733-0076	7	A
Grand Tire & Auto Service	7034 W Grand Ave	60707	(773) 622-4361	6	A
Nortown Automotive Service Repair I	1311 W North Ave	60622	(773) 276-2884	6	A
Wilmar Auto Repair	6131 W Dickens Ave	60639	(773) 637-5478	6	A
A To Z Drake Automotive	1614 N Drake Ave	60647	(773) 904-7838	5	A
Gateway Auto Service	2057 W Division St	60622	(773) 342-7105	5	A
Kedzie Auto Repair	2723 S Kedzie Ave	60623	(773) 890-5987	5	A
King Auto Repair & Body Shop	1800 W Walnut St	60612	(312) 666-6000	5	A
Piston Auto Repair Transmission	1334 N Kostner Ave #H	60651	(773) 342-2832	5	A
Rene's Auto Parts & Service	717 S Western Ave	60612	(312) 666-7950	5	A
Technicentro Automotriz Inc	3017 W 26th St	60623	(773) 579-0118	5	A
Corral Auto Service	2256 S Kedzie Ave	60623	(773) 762-5558	39	B
Howard Orloff Jaguar Volvo	1924 N Paulina St	60622	(773) 227-3200	29	B
M & R Complete Auto Repair	4892 W Grand Ave	60639	(773) 622-1878	27	B
Bucaro Brothers Auto Care	2707 N Ashland Ave	60614	(773) 472-6150	25	B
Fletcher Jones Import	1111 N Clark St	60610	(312) 944-0500	25	B
Molina Auto Repair	5717 W Grand Ave	60639	(773) 637-6057	21	B
Car One Auto Repair & More	3042 S Quinn St	60608	(312) 225-3015	20	B
Logan Square Auto Repair	2442 N Milwaukee Ave	60647	(773) 772-1639	20	B
Sacatecas Auto Repair	5165 W Grand Ave	60639	(773) 622-0102	20	B
Angel's Automotive	1059 N Homan Ave	60651	(773) 292-2525	19	B
Garcia Auto Service	4055 W Armitage Ave	60639	(773) 276-7727	19	B
Tony's Auto Repair	5824 W Grand Ave	60639	(773) 836-8700	19	B
AK Auto Service	2515 S Halsted St	60608	(312) 674-0995	17	B
Chicago Muffler & Brake	5801 W North Ave	60639	(773) 237-0400	16	B
Fletcher Jones Honda	1100 N Clark St	60610	(312) 628-4900	16	B
LCJ Auto Service	4343 W Parker Ave	60639	(773) 818-9612	16	B
Midtown Toyota	2700 N Cicero Ave	60639	(773) 622-6300	14	B
Martin Auto Electric	2116 S California Ave	60608	(773) 376-3982	13	B
Nortown Automotive Repair Service	1400 W North Ave	60622	(773) 276-9838	13	B
Santos Auto Repair	3050 S Christiana Ave	60623	(773) 247-1001	13	B
Tino Torres Auto Repair	2601 N Laramie Ave	60639	(773) 889-4329	13	B
Fred's Auto Repair	5023 W Diversey Ave	60639	(773) 889-8943	12	B
Car-X Auto Service	1314 W Grand Ave	60622	(312) 243-3111	11	B
Garcia's Car Repair	4918 W Armitage Ave # 1	60639	(773) 836-2100	11	B
Wheels Auto	4151 W North Ave	60639	(773) 425-7398	11	B
K & R Auto Sales	2521 S Archer Ave	60608	(312) 328-1450	10	B
Auto Clinic	2333 N Saint Louis Ave	60647	(773) 899-1878	9	B
Espo's Auto Service	2345 N Neva Ave	60607	(773) 745-0600	9	B
Araiza Auto Service	3158 S Kedvale Ave	60623	(773) 416-2288	8	B
Charro Auto Repair	2102 S Washtenaw Ave	60608	(773) 376-4992	8	B
Robbins Service Station	3238 W Ogden Ave	60623	(773) 762-4692	8	B
Servi-land Auto Repair	2500 S Pulaski Rd	60623	(773) 762-4473	8	B
Auto Repair Plus	48 E Cermak Rd	60616	(312) 328-9462	7	B
Fernandez Auto Repair	2354 S Blue Island Ave	60608	(773) 247-7302	7	B
GTO Auto Repair	3271 W Armitage Ave	60647	(773) 227-2424	7	B
MJ Auto Repair	3272 S Archer Ave	60608	(773) 376-3883	7	B
Santa Maria Auto Repair	3701 W North Ave	60647	(773) 687-9416	7	B
Perillo BMW	1035 N Clark St	60610	(312) 981-0000	26	C
Ramon & Ramon Auto Repair	5024 W Diversey Ave	60639	(773) 283-3766	24	C
Care Muffler Shop	5307 W Fullerton Ave	60639	(773) 745-8885	23	C
Andre's Auto Service	2511 N Pulaski Rd	60639	(773) 772-0648	22	C
A & A Auto Repair	5035 W Grand Ave	60639	(773) 237-9988	19	C

CHICAGO ZONE 2

Shop Name	Address	Zip	Tel.#	Repairs	Grade
A+ Muffler & Brakes	3751 W North Ave	60647	(773) 365-1200	18	C
Maganas Auto Repair	3929 W Fullerton Ave	60647	(773) 235-4816	18	C
Quick Oil	2928 W Armitage Ave	60647	(773) 227-5555	18	C
Midas Auto Service Experts	1717 N Clybourn Ave	60614	(312) 642-0455	16	C
J M Muffler Auto Repair	5901 W Division St	60651	(773) 287-5968	14	C
Montiel Auto Repair	4312 W Ogden Ave	60623	(773) 542-8418	14	C
A & P Auto Repair	4725 W North Ave	60639	(773) 276-4408	13	C
Interstate Muffler & Brake Inc	2158 S Pulaski Rd	60623	(773) 522-0122	13	C
Midas Auto Service Experts	510 W Roosevelt Rd	60607	(312) 922-5075	13	C
Super Max Muffler & Brake	6230 W North Ave	60639	(773) 889-2081	13	C
Bucktown Auto Repair	1701 W North Ave	60622	(773) 698-7457	12	C
Diaz Auto Service	1604 N Kedvale Ave	60639	(773) 252-3063	12	C
Euro Auto Plex	1533 N Ashland Ave	60622	(773) 235-0176	12	C
Fullerton Austin Shell	6001 W Fullerton Ave	60639	(773) 889-2738	12	C
Payless Muffler & Brake	2219 S Western Ave	60608	(773) 869-9900	12	C
Politois Muffler & Auto Repair	4300 W Grand Ave	60651	(773) 235-9394	12	C
Springmaster's Auto Repair	5223 W Lake St	60644	(773) 473-4360	12	C
Top of the Line	1404 S Western Ave	60608	(312) 226-6681	12	C
El Amigo Auto Service	3059 S Kostner St	60623	(773) 890-9370	11	C
Guzman Rafael Auto Repair	1824 W 17th St	60608	(312) 226-1155	11	C
Gilani Auto Clinic	1743 N Damen Ave	60647	(773) 342-8882	10	C
King Auto Repair	2421 S Wabash Ave	60616	(312) 567-1118	10	C
M & R Imports Car Service Inc	1951 N Sheffield Ave	60614	(773) 528-9841	10	C
Velasquez & Sons Muffler Shop	2335 S Western Ave	60608	(773) 671-6661	9	C
Wells Automotive Service	1317 N Wells St	60610	(312) 943-5720	9	C
Advanced Automotive	1900 N Austin St	60639	(773) 622-0772	8	C
Percy's Auto Repair	4401 W Cermak Rd	60623	(773) 503-1344	8	C
R & N Bavarian Motors	27 N May St	60607	(312) 455-8500	8	C
Ricky's Muffler	3000 W Madison St	60612	(773) 826-6638	8	C
BMK Imports & Domestic Car Repair	946 W Wrightwood St	60614	(773) 327-6652	6	C
Chicago Import Service	2220 N Clybourn Ave	60614	(773) 975-8991	6	C
Fullerton Car & Truck Repair	2349 N Parkside Ave	60639	(773) 392-8674	6	C
New Auto Doctor	4812 W Kinzie St	60644	(773) 378-3959	6	C
Grand Auto and Truck Center	2427 W Grand Ave	60612	(312) 243-6600	5	C
Midas Auto Service Experts	2654 W Fullerton Ave	60647	(773) 342-8485	5	C
Sulk Auto Repair	5301 W Diversey Ave	60639	(773) 777-2040	5	C
Tonys Auto Repair Corp	4942 W North Ave	60639	(773) 237-9442	5	C

CHICAGO ZONE 3 MAP



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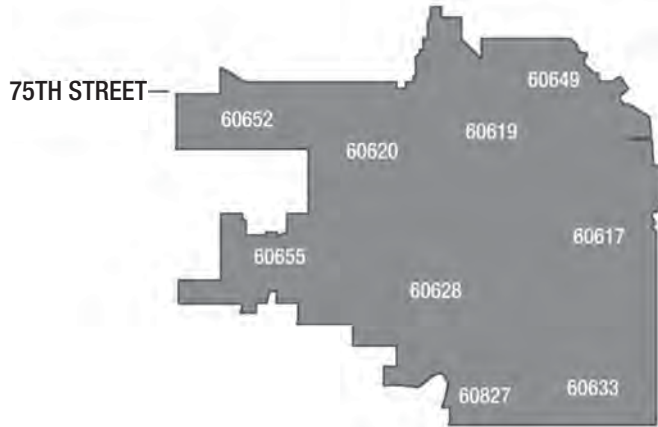
CHICAGO ZONE 3

Shop Name	Address	Zip	Tel.#	Repairs	Grade
Classic Car Inc	4711 S Western Blvd	60609	(773) 843-0700	171	A
Rally Auto Repair #2	4322 S Western Ave	60609	(773) 847-2336	71	A
Car Zone Auto Repair	5103 S Archer Ave	60632	(773) 284-0766	42	A
Lara Auto Service	5335 W 63rd St	60638	(773) 585-3108	39	A

CHICAGO ZONE 3

Shop Name	Address	Zip	Tel.#	Repairs	Grade
Jaime Auto Services	6010 S Archer Ave	60638	(773) 582-5524	37	A
A & E Auto Repair	3738 W 63rd St	60629	(773) 585-5078	35	A
Monte Jalisco Auto	3611 S Archer Ave	60609	(773) 847-8005	35	A
Jalisco Auto Service	4236 S Western Ave	60609	(773) 579-0210	34	A
Expert Auto Centers	5351 S Pulaski Rd	60632	(773) 582-2222	27	A
Alex Auto Repair	4809 S Winchester Rd	60609	(773) 593-3661	26	A
Bestway Auto Center	6859 S Damen Ave	60636	(773) 476-3335	24	A
Quick & Fair Auto Repair	4256 S Michigan Ave	60653	(773) 285-8500	24	A
Andrews Super Auto Repair	4300 W 63rd St	60629	(773) 581-8620	22	A
DM Racing Auto Repair	5845 S Racine Ave	60636	(773) 776-7252	21	A
Waratek Auto Repair	5319 S Archer Ave	60632	(773) 284-5900	21	A
Town of Lake Garage	4555 S Marshfield Ave	60609	(773) 927-7800	19	A
Jacob's Auto Repair	6301 S Kostner Ave	60629	(773) 884-0500	18	A
Stokes Auto Service	700 W 43rd St	60609	(773) 523-7840	18	A
Martin Trans Plus Inc	6545 S Western Ave	60636	(773) 436-5555	17	A
Car-X Auto Service	5418 S Pulaski Rd	60632	(773) 581-7191	15	A
Pieza Automotive	5344 S Archer Ave	60632	(773) 735-1772	15	A
Dynamic Auto Service	6020 S Western Ave	60636	(773) 436-0100	14	A
Dos Hermanos Auto Repair Inc	4318 S Western Ave	60609	(773) 579-1515	11	A
Pro Tech Auto Repair	3700 S Ashland Ave	60609	(773) 890-0007	10	A
Ed's Auto Repair	5627 S Harlem Ave	60638	(773) 586-6430	8	A
Auto Time	3430 W 47th St	60632	(773) 376-4264	7	A
Mario's Auto Repair Inc	4401 W 47th St	60632	(773) 523-5770	7	A
Waggoner's Automotive Service	6200 S Ashland Ave	60636	(773) 925-2557	7	A
Escutias Auto Repair	2425 W 47th St	60629	(773) 376-6038	6	A
Ted's Auto Repair	6234 S Archer Ave	60638	(773) 582-6426	6	A
Western Auto Repair	5316 S Archer Ave	60632	(773) 582-7732	5	A
Amerimex Mufflers and Brakes	6154 S Kedzie Ave	60629	(773) 737-3100	44	B
El Castillo de Miguel Auto Repair	2625 W 47th St	60632	(773) 247-7336	39	B
Mexico Mufflers & Brakes	4400 S Western Ave	60609	(773) 376-4410	38	B
Martinez Auto Service	4957 S California Ave	60632	(773) 778-0007	31	B
A & J Mufflers & Brakes	4146 S Western Ave	60609	(773) 376-3458	25	B
Bobak's Auto Repair	4955 W 47th St	60638	(773) 585-4700	24	B
Fernandez Mechanic Service	5229 S Kedzie St	60632	(773) 476-9660	22	B
Complete Auto Service	4542 S Western Ave	60609	(773) 254-2241	19	B
G & M Auto Repair	6146 W 65th St	60638	(773) 586-2069	19	B
Dependable Auto Repair	3314 W 47th St	60632	(773) 523-7225	13	B
Pep Boys Auto	7030 S Cicero Ave	60638	(708) 496-9123	13	B
Archer Trans Specialist Inc	4825 S Archer Ave	60632	(773) 890-0808	8	B
Payless Muffler & Brake	6024 S Western Ave	60636	(773) 471-6000	34	C
Paisano Mufflers & Brakes	1500 W 47th St	60609	(773) 847-3440	32	C
Aztek Automotive	6425 S Pulaski Rd	60629	(773) 735-3388	27	C
Zacatecas Auto Repair Inc	3818 S Kedzie St	60632	(773) 927-2797	26	C
American Auto Repair	3541 W 63rd St	60629	(773) 471-9799	23	C
Mecamex Auto Repair	2131 W 51st St	60609	(773) 737-3277	18	C
Omar Auto Repair	2520 W 59th St	60629	(773) 434-5523	18	C
Mexico Sons Muffler & Brakes Shop	5700 S Western Ave	60636	(773) 737-9300	17	C
Parkview Automotive	4139 S Western Blvd	60609	(773) 847-9626	17	C
Altamirano Auto Repair	3917 S California Ave	60632	(773) 927-9573	16	C
Azteca Auto Mufflers & Brakes	4853 S Archer Ave	60632	(773) 523-2700	16	C
Quiet Muffler & Brake Service	4492 S Archer Ave	60632	(773) 579-1417	16	C
Gordon's Auto Repair	7319 S Western Ave #21	60636	(773) 778-6200	14	C
Monroy's Muffler Shop	5165 S Archer Ave	60632	(773) 735-6646	14	C
Azteca's Mufflers & Brakes	3230 W 47th St	60632	(773) 523-2100	13	C
G & G Auto Repair	5224 S Damen Ave	60609	(773) 778-7790	13	C
Manny's Auto	4505 S Sawyer Ave	60632	(773) 852-5103	12	C
New Spark Auto Repair	2634 W 59th St	60629	(773) 778-2991	12	C
Illinois Starter & Electric	2323 W 47th St	60609	(773) 376-7716	11	C
Walter's Auto Service	3301 W 59th St	60629	(773) 476-0737	10	C
Jet Auto Service	4501 S California Ave	60632	(773) 376-6090	9	C
Moreno Motors	4637 S California Ave	60632	(773) 523-5277	9	C
Goodyear VIP Tire Center	5301 S Archer Ave	60632	(773) 767-6800	6	C
Jaimes Auto	3050 W 59th St	60629	(773) 436-8095	6	C
Pep Boys Auto	5959 S Western Ave	60636	(773) 776-9477	6	C
Castro & Sons	5008 S Ashland Ave	60609	(773) 434-9081	5	C
Deluxe Auto	5928 S Western Ave	60636	(773) 476-1309	5	C
J & L Automotives	6401 W 63rd St	60638	(773) 229-0119	5	C
Stan's Service & Tire Center Inc	5811 W 63rd St	60638	(773) 284-1145	5	C
Velasquez Mufflers	4376 W Ogden Ave	60609	(773) 521-7240	5	C

CHICAGO ZONE 4 MAP



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CHICAGO ZONE 4

Shop Name	Address	Zip	Tel.#	Repairs	Grade
Meineke Car Care Center	10716 S Western Ave	60643	(773) 779-4300	113	A
Stony Island Auto-Mr Transmission	9200 S Stony Island Ave	60617	(773) 768-7676	97	A
Classic Auto Center Inc	10447 S Torrence Ave	60617	(773) 374-0500	52	A
Pete's Auto Service	7800 S Kedzie Ave	60652	(773) 476-1433	51	A
Car-X Auto Service	7424 S Stony Island Ave	60649	(773) 493-6500	32	A
Asad Auto Repairs	8100 S Kedzie Ave	60652	(773) 737-1111	22	A
Car-X Auto Service	10157 S Western Ave	60643	(773) 233-3178	20	A
ASC Automotive Service Center	10124 S Indianapolis Ave	60617	(773) 721-9596	16	A
Millennium Muffler & Brakes	3929 E 106th St	60617	(773) 768-8429	16	A
Quick Fix Muffler & Brake	7551 S Halsted St	60620	(773) 723-8599	14	A
Nick & Denny's Auto Repair	8217 S Pulaski Rd	60652	(773) 581-6925	13	A
Sinclair's Auto Clinic Inc	10358 S Kedzie Ave	60655	(773) 238-6660	13	A
Beverly Hills Garage	2043 W 95th St	60643	(773) 238-0540	8	A
Autonology	10158 S Western Ave	60643	(773) 238-5400	7	A
USA Muffler & Brake Shop	11044 S Western Ave	60643	(773) 238-1333	7	A
Action Auto Rebuilders	11948 S Halsted St	60628	(773) 785-1522	5	A
South Shore Marathon	2054 E 79th St	60649	(773) 734-9674	5	A
Jason Auto Repair	4555 W 59th St	60628	(773) 581-0996	28	B
Fair Muffler & Brake Shops	8259 S Cicero Ave	60652	(773) 585-3553	17	B
Kurek Brothers Service Center	3425 W 111th St	60655	(773) 238-0085	17	B
T J's Auto Service Inc	10117 S Western Ave	60643	(773) 238-2747	8	B
Irvin's Auto Care Inc	8012 S Stony Island Ave	60617	(773) 721-7155	7	B
JAC Auto Rebuilder	524 W 103rd St	60628	(773) 881-9926	7	B
Cabrales Auto Repair	8437 S Commercial Ave	60617	(773) 731-4218	23	C
Lucha's Auto	3535 E 100th St	60617	(773) 731-6260	20	C
Kar Kare Service	7455 S Exchange Ave	60649	(773) 721-2401	17	C
G & L Automotive Service	9920 S Walden Pkwy	60643	(773) 238-1416	9	C
Automotive Technologies	13946 S Torrence Ave	60633	(708) 832-6920	8	C
Roseland Auto Sales	27 E 110th St	60628	(773) 785-2911	8	C
Jalisco Auto Repair	8444 S Kedzie Ave	60652	(773) 925-9625	6	C
Denny's Service Center	8414 S Kedzie Ave	60652	(773) 778-0266	5	C
Trans-Action Automotive	1533 E 71st St	60619	(773) 643-8887	5	C

SUBURBAN MAP



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SUBURBS

Shop Name	Address	Zip	Tel.#	Repairs	Grade
Addison					
WAR Automotive Engineering	1780 W Armitage Ct	60101	(630) 620-1006	30	A
Auto Advantage of Addison Car Care Center	885 W Lake St	60101	(630) 543-1397	21	A
Marquez Auto Repair	430 W Kay Ave Unit F	60101	(630) 458-8166	19	A
Meineke Car Care Center	716 W Lake St	60101	(630) 543-2266	19	A
Tom's Garage	693 S Addison Rd	60101	(630) 833-2590	19	A
Sam's One Stop Auto Inc	633 S Addison Rd	60101	(630) 279-3944	14	A
Blonda's Automotive Service	1100 W Fullerton Ave	60101	(630) 458-4422	13	A
Muffler Man	880 Fiene Dr	60101	(630) 649-3187	13	A
Auto Plus	515 W Grace St	60101	(630) 543-1488	11	A
Hi-Tech Automotive	739 W Fullerton Ave # 8	60101	(630) 543-8990	9	A
Centenario Auto Repair	430 W Kay Ave Unit E	60101	(630) 628-6953	8	A
D2 Auto Repair	420 W Kay Ave # B	60101	(630) 628-1050	12	B
AAC Auto Clinic	23 W Fullerton Ave	60101	(630) 628-8304	11	B
Complete Automotive Repair Inc	621 S Addison Rd	60101	(630) 833-1010	8	B
El Chino Auto Repair	11 Official Rd	60101	(630) 543-2232	7	B
Krages Mobil Service Center	191 E Lake St	60101	(630) 832-9800	10	C
Lu Tek Transmission	524 S Westgate Ste E	60101	(630) 628-9225	10	C
Lake-Tech Automotive Inc	19W507 Lake St	60101	(630) 543-8228	9	C
Auto Express Care	215 N Addison Rd	60101	(630) 832-8844	8	C
Vazquez & Associates Mufflers and Brakes	726 W Lake St	60101	(630) 543-7322	8	C
First Performance Auto Repair	20 E Blecke Ave	60101	(630) 530-1882	6	C
Addison Auto Clinic	23 W Fullerton Ave	60101	(630) 628-8300	5	C
Algonquin					
Algonquin Auto Clinic	2033 Algonquin Rd	60102	(847) 658-3800	14	A
Mastertek	10216 S Route 31	60102	(847) 854-6906	6	A
Queens Tire	2401 E Algonquin Rd	60102	(847) 844-1700	6	A
Francen & Son Foreign Car Repair	1650 E Algonquin Rd	60102	(847) 658-9500	7	B
Merlin 200000 Mile Shop	101 Sandbloom Rd	60102	(847) 854-7100	9	C
Teson Automotive Inc	1200 Armstrong St	60102	(847) 658-7700	9	C
Alsip					
A-Auto	12601 S Kroll Dr	60803	(708) 389-2121	8	A
Joe's Four Seasons Automotive Inc	11601 S Ridgeland Ave	60803	(708) 361-2280	6	A
Ron's Garage	4204 W 124th Pl	60803	(708) 396-7399	5	A
Charley's Complete Auto Repair	11849 S Pulaski Rd	60803	(708) 385-9534	9	B
Alsip Auto & Collision	11830 S Cicero Ave	60803	(708) 385-6968	7	B
Cool Rite	11701 S Pulaski Rd	60803	(708) 597-2818	14	C
G & L Automotive II	12735 S Pulaski Rd	60803	(708) 385-3626	12	C
National Service Inc	11314 S Cicero Ave	60803	(708) 229-1000	5	C
Antioch					
Raymond Chevrolet Oldsmobile	118 W IL Route 173	60002	(847) 395-3600	12	C
Fast Tire	474 E IL Route 173	60002	(847) 395-2345	5	C
Arlington Heights					
Casey Automotive	715 E Rand Rd	60004	(847) 255-1900	21	A
Arlington Automotive Service Inc	1001 S Arlington Heights Rd	60005	(847) 439-8696	19	A
Arlington Performance Center	315 W Rand Rd	60004	(847) 392-3505	19	A
Dakota-K Auto Repair	3450 N Old Arlington Heights Rd	60004	(847) 398-4645	13	A
Car-X Auto Services	227 E Rand Rd	60004	(847) 392-0600	12	A
Wheeling Auto Center	2430 E Hintz Rd	60004	(847) 259-3776	10	A
Warren's Car Doctor Ltd	533 S Arthur Ave	60005	(847) 392-1482	9	A
Altimate Trans & Auto	1600 N Rand Rd	60004	(847) 398-9030	8	A
Merlin 200000 Mile Shop	1911 S Arlington Heights Rd	60005	(847) 439-1555	6	A
Midas Auto Service Experts	6125 Algonquin Rd	60005	(847) 593-4244	6	A
Windsor Automotive	1315 E Palatine Rd	60004	(847) 670-3308	6	A
Scarsdale Auto Repair Inc	445 S Arlington Heights Rd	60005	(847) 394-2666	5	A
Arlington Nissan	1100 W Dundee Rd	60004	(847) 590-6100	12	B
Quick Service Auto Center	1205 E Rand Rd	60004	(847) 590-5866	12	B
Arlington Heights Ford	801 W Dundee Rd	60004	(847) 870-1300	11	B

SUBURBS

Name	Address	Zip	Tel.#	Repairs	Grade
Arlington Heights					
Ted's Auto Repair	400 W Northwest Hwy	60004	(847) 577-6909	10	B
Engine Depot Inc	1925 S Arlington Heights Rd	60005	(847) 718-1170	8	B
Reese Automotive	9 N Hickory Ave	60004	(847) 253-6622	8	B
Mike's Garage	506 E Northwest Hwy	60004	(847) 259-9900	7	B
Roto Lincoln Mercury Subaru Mazda	1555 E Rand Rd	60004	(847) 255-5700	7	B
Bill Sullivan Pontiac Inc	777 W Dundee Rd	60004	(847) 392-6660	12	C
Precision Car Care	380 W Northwest Hwy	60004	(847) 259-4362	12	C
Firestone Complete Auto Care	630 W Northwest Hwy	60005	(847) 259-2244	5	C
Grandt's Shell Service	406 E Northwest Hwy	60004	(847) 392-4141	5	C
VIP Automotive	304 S Arlington Heights Rd	60005	(847) 398-0080	5	C
Aurora					
Orozco Services	1027 Claim St	60505	(630) 898-1232	133	A
Adrian's Auto Service	487 Jackson St	60505	(630) 692-1301	20	A
Navar's Auto Service	130 Trask St	60505	(630) 898-0665	18	A
Parra's Auto Repair	1420 North Ave	60505	(630) 270-0417	15	A
Auto Service El Rapido	504 S Spencer St	60505	(630) 898-4616	14	A
California's Auto Repair	999 W Illinois Ave	60506	(630) 301-7730	14	A
Farnsworth Auto Plus	1175 N Farnsworth Ave	60505	(630) 898-5510	14	A
George's Auto Service	544 E Benton St	60505	(630) 236-9649	14	A
Robinson's Auto Repair	2114 W Galena Blvd	60506	(630) 906-9200	14	A
Astro Auto Repair Center Inc	802 W Illinois Ave	60506	(630) 301-6030	11	A
Stradas Auto	502 Pierce St	60505	(630) 896-4100	11	A
Tony's Auto Repair	907 Bangs St	60505	(630) 995-0253	11	A
Greg's My Mechanic Inc	1325 E New York St	60505	(630) 898-9778	10	A
Jose's Truck and Auto Repair	111 W Benton St	60506	(630) 892-1240	10	A
U & I Auto Repair	1304 E New York St	60505	(630) 585-9930	9	A
Caring Auto Repair	2480 S Eola Rd	60504	(630) 499-7797	7	A
River Plate Auto	900 S Union St	60505	(630) 820-8404	7	A
Firestone Complete Auto Care	2888 E New York St	60505	(630) 898-3118	6	A
Gartner Saab Buick Hyundai	4333 Ogden Ave	60504	(630) 851-2500	6	A
Varela's Auto Repair	1734 Indian Ave	60505	(630) 585-7533	6	A
Benton Auto Repair	207 W Benton St	60506	(630) 844-9871	5	A
D & M Discount Muffler Shop	1349 E New York St	60505	(630) 898-0204	46	B
Auto Servicio Tapia	1005 Rural St	60505	(630) 898-4882	40	B
Valley Honda	4173 Ogden Ave	60504	(630) 851-5700	28	B
El Paisa Auto Repair	716 N Lake St	60506	(630) 264-6800	26	B
Reyes Auto Repair	135 Trask St	60505	(630) 851-3002	26	B
Tuffy Auto Service Center	3190 N Aurora Rd	60502	(630) 898-6688	12	B
Servandi's Auto Repair	1031 Dearborn Dr	60505	(630) 973-0743	9	B
A C Automotive Service	535 5th Ave	60505	(630) 898-0052	8	B
Auto Precision	260 S Highland Ave	60506	(630) 229-6404	8	B
Whitt Bros Garage Inc	1028 Ridgeway Ave	60506	(630) 892-8022	8	B
Aurora Auto Clinic	905 N Lake St	60506	(630) 892-8880	7	B
Professional Auto Repair	233 W Galena Blvd	60506	(630) 234-1084	7	B
Baires Auto Repair	109 South Lincoln Ave	60505	(630) 896-1705	21	C
J & R Auto Transmission Repair	425 High St	60510	(630) 340-5757	12	C
Sterling Automotive Repairs Inc	9 S Rt 59	60504	(630) 851-3610	10	C
Firestone Complete Auto Care	2789 N Farnsworth Ave	60502	(630) 692-0895	9	C
Meineke Car Care Center	1301 N Lake St	60506	(630) 896-0875	9	C
Brian's Auto Service	1018 Oliver Ave	60506	(630) 906-9878	8	C
Randy's Auto Repair Inc	310 N Broadway Ave	60505	(630) 897-7911	8	C
Cortez Auto Repair	127 N Loucks St	60505	(630) 851-7340	5	C
Firestone Complete Auto Care	4371 Fox Valley Center Dr	60504	(630) 692-0777	5	C
Barrington					
Motor Werks of Barrington	1475 S Barrington Rd	60010	(847) 381-8900	36	A
Wickstrom Ford Lincoln Mercury	600 W Northwest Hwy	60010	(847) 381-8850	20	A
Marquardt Buick Pontiac GMC	1421 S Barrington Rd	60010	(847) 381-2100	9	A
Hollis Brother's	250 E Main St	60010	(847) 381-6691	5	A

SUBURBS

Name	Address	Zip	Tel.#	Repairs	Grade
Bartlett					
Bartlett Automotive	1127 Stearns Rd	60103	(630) 736-7723	21	B
Rolas Auto Repair	555 W Lake St	60103	(630) 289-2044	15	B
Bartlett Tire Center	213 E Lake St	60103	(630) 837-9092	12	B
Batavia					
Batavia Avenue Mobil	27 N Batavia Ave	60510	(630) 879-0999	20	A
Ollie's Garage Inc	709 Main St	60510	(630) 879-0252	19	A
Reliable Auto Repair	1407 Paramount Pkwy	60510	(630) 879-3252	8	A
Merlin 200000 Mile Shop	162 Independence Dr	60510	(630) 761-1155	12	C
Tuffy Auto Service Center	271 S Randall Rd	60510	(630) 879-9941	10	C
Chuck's Garage	600 S River St	60510	(630) 879-5021	6	C
Beach Park					
MS Mufflers & Brakes	38900 N Green Bay Rd	60087	(224) 656-5275	10	A
Small Car Motors	38426 N Sheridan Rd	60087	(847) 623-5300	11	C
Pat's Repair	38771 N Lewis Ave	60099	(847) 336-0702	5	C
Bedford Park					
Rafeal Auto Repair Inc	6401 W 66th Pl	60638	(773) 627-4491	9	A
Bellwood					
Krafftcare Automotive Inc	4820 Saint Charles Rd	60104	(708) 547-1366	10	A
Sam's Auto Service	4401 St Charles Rd	60104	(708) 547-7781	19	C
Bensenville					
O'Hare Automotive Inc	1 W Main St	60106	(630) 860-1103	5	A
Larry Roesch Volkswagen	313 W Grand Ave	60106	(630) 860-0400	12	B
Metro Trans & Auto Service	1328 W Irving Park Rd	60106	(630) 595-4312	6	C
Berwyn					
Deece Automotive	6545 Stanley Ave	60402	(708) 484-6588	34	A
26 Auto Repair & Mufflers	6247 W 26th St	60402	(708) 637-5222	19	A
Midas Auto Systems Expert	6601 W Ogden Ave	60402	(708) 749-2240	9	A
Car-X Auto Service	6420 W Ogden Ave	60402	(708) 749-3030	8	A
Automotive Repair Specialists	6732-38 W Ogden Ave	60402	(708) 749-1600	7	A
All-Star Automotive Services Inc	6339 W 16th St	60402	(708) 484-8383	5	A
Kenn's Auto Repair Inc	2701 Ridgeland Ave	60402	(708) 484-2445	5	A
Camargo's Auto and Tire Repair	6321 W Roosevelt Rd	60402	(708) 484-0110	13	B
Mufflers and Brakes 4 Less	6440 W Ogden Ave	60402	(708) 788-7200	13	B
New Delta Auto Center Inc	6324 W 26th St	60402	(708) 788-3700	10	B
AC International Car Star	6305 W Ogden Ave	60402	(708) 788-5944	19	C
Frank's Pit Stop	7144 W Ogden Ave	60402	(708) 749-2002	5	C
Bloomington					
MJ's Automotive	4N221 84th Ct	60133	(630) 588-8098	7	A
Old Towne Auto	128 N Bloomington Rd	60108	(630) 307-8280	7	B
C & D Automotive	4N240 Cavalry Dr	60108	(630) 307-3688	11	C
Blue Island					
Interstate Muffler & Brakes	12815 S Western Ave	60406	(708) 388-5888	47	A
Ridge Auto Service Center	12851 S Western Ave	60406	(708) 371-7006	13	A
Dave's Auto Masters Inc	2141 Vermont St	60406	(708) 653-3788	11	A
Bolingbrook					
Quiroz Auto Repair 3 Inc	485 N Bolingbrook Dr	60440	(630) 771-0621	19	A
GTM Automotive & Muffler	495 W Boughton Rd	60440	(630) 759-7300	16	A
Firestone Complete Auto Care	451 N Bolingbrook Dr	60440	(630) 759-3620	12	A
Meineke Car Care Center	1330 W Boughton Rd	60490	(630) 771-1919	11	A
Bob & Todd's Auto Care	100 Brook Ct	60440	(630) 759-7854	20	B
Midas Auto Service Experts	460 N Bolingbrook Dr	60439	(630) 739-5900	11	B
Manila Automotive Repair	489 N Bolingbrook Dr	60440	(630) 226-0007	9	B
Miguel's Auto	751 N Bolingbrook Dr	60440	(630) 226-5321	36	C
Advantage Chevrolet	115 W S Frontage Rd	60440	(630) 759-5600	13	C
National Tire & Battery	186 S Weber Rd	60490	(630) 378-9294	9	C
Merlin 200000 Mile Shop	265 S Bolingbrook Dr	60440	(630) 378-0288	6	C
Bridgeview					
Tim's Auto Repair Inc	8508 S 77th Ave	60455	(708) 599-8012	18	A
Thomas Automotive	8201 S Roberts Rd	60455	(708) 563-9950	8	A

SUBURBS

Name	Address	Zip	Tel.#	Repairs	Grade
Bridgeview					
A-Z Auto Repair	8921 Odell Ave	60455	(708) 430-2886	5	A
VolvoTek Inc	8906 S Octavia Ave	60455	(708) 598-6586	5	A
A & J Automotive	7215 W 87th St	60455	(708) 430-1855	28	B
Burbank's Complete Auto Truck	8410 S Oketo Ave	60455	(708) 430-1444	13	B
Hi Tech Car Repairs	8406 S Oketo Ave	60455	(708) 233-8877	9	B
Wilrae Inc	9200 S Harlem Ave Ste 2	60455	(708) 599-0900	8	B
Motive Auto Repair	7217 W 87th St	60455	(708) 598-3200	15	C
Rizza Chevrolet	8200 S Harlem Ave	60455	(708) 594-6400	12	C
European Auto Werks II	8205 S Roberts Rd	60455	(708) 924-9686	10	C
Broadview					
Gueros Auto Repair	2829 W Cermak Rd	60155	(708) 345-0890	11	A
Brookfield					
European Japanese Auto Service	9022 W Ogden Ave	60513	(708) 485-7700	14	A
Rodriguez Auto Repair Inc	8916 Fairview Ave	60513	(708) 387-7082	10	A
Brookfield Mufflers & Brakes	9501 W Ogden Ave	60513	(708) 387-1561	9	A
Hollywood Motors Inc	3637 Woodside Ave	60513	(708) 485-9333	6	A
FJ's Automotive Inc	9100 31st St	60513	(708) 485-9608	5	A
J V Automotive	9100 Plainfield Rd Ste D	60513	(708) 485-9833	5	A
Brookfield Auto Center Inc	9136 W Ogden Ave	60513	(708) 485-7686	8	C
J & F Auto Rebuilders	8851 Ogden Ave	60513	(708) 485-3049	6	C
B & H Auto Center Inc	9400 W Ogden Ave	60513	(708) 485-5266	5	C
Express Care Automotive	9428 Ogden Ave	60513	(708) 485-4433	5	C
Buffalo Grove					
Quality Car Center	55 W Dundee Rd	60089	(847) 419-9949	9	B
Burbank					
Pete's Service Center	6717 W 79th St	60459	(708) 598-6968	13	B
Farbin Bros Shell Station	7900 S Cicero Ave	60459	(708) 423-1416	10	C
Burr Ridge					
Burr Ridge Car Care Inc	535 S Frontage Rd	60527	(630) 920-1700	7	A
Auto Doc	10S644 Route 83	60527	(630) 655-9326	6	A
B & E Auto	15W760 N Frontage Rd	60527	(630) 655-1296	5	A
Calumet City					
Premiere Auto Services	660 Torrence Ave	60409	(708) 868-5140	14	A
Richard's Auto Repair	951 Burnham Ave	60409	(708) 862-4545	13	A
R M G Auto Center	712 Burnham Ave	60409	(708) 891-3640	18	B
Grelecki's Automotive	148 156th St	60409	(708) 891-9820	8	B
River Oaks Auto Center	770 Burnham Ave	60409	(708) 862-4600	7	B
Carol Stream					
Goodyear Army Trail Tire & Services	980 Army Trail Rd	60188	(630) 830-5900	11	A
Bartel's Auto Clinic	190 S Gary Ave	60188	(630) 653-2336	10	A
Kehoe Automotive Inc	205 E Kehoe Blvd Ste 5	60188	(630) 668-6530	5	A
Joe Cotton Ford	175 W North Ave	60188	(630) 682-9200	11	B
J & J Transmission	452 E St Charles Rd	60188	(630) 665-7373	5	C
Carpentersville					
Car-X Auto Service	8000 Binnie Rd	60110	(847) 428-9100	26	A
Discount Muffler & Brake Shop	1695 Elgin Rd	60110	(847) 428-8000	16	A
Midas Auto Service Experts	20 S Western Ave	60110	(847) 426-3330	5	A
Rivera Brothers Auto Repair	4 Lake Marian Rd	60110	(847) 428-7411	8	B
VP Automotive	118 S Lincoln Ave	60110	(847) 426-4433	12	C
Firestone Complete Auto Care	2437 Randall Rd	60110	(847) 428-5752	5	C
Torres Auto Repair	1 LW Besinger Dr	60110	(847) 844-7570	5	C
Cary					
Cary Tire & Auto Center	112 Crystal St	60013	(847) 639-8866	21	A
Perfect Auto Service	251 Jandus Rd	60013	(847) 462-0970	10	A
Chicago Heights					
New World Automotive	2015 Chicago Rd	60411	(708) 756-3455	41	A
Imperial Automotive Inc	1015 S Halsted St	60411	(708) 755-4343	26	A
Auto Clinic	599 S Halsted St	60411	(708) 754-0055	17	A
Ulloa Mufflers	131 S Halsted St	60411	(708) 756-3133	10	A

SUBURBS

Name	Address	Zip	Tel.#	Repairs	Grade
Chicago Heights					
Oliver Import Auto Service	1715 Western Ave	60411	(708) 481-4517	6	A
Rees Automotive Service Inc	550 W 14th Pl	60411	(708) 747-5700	7	B
Prairie Tire & Auto Center Ltd	291 S Halsted St	60411	(708) 755-6650	5	C
Chicago Ridge					
Checkpoint Auto Electric	10003 S Harlem Ave	60415	(708) 636-4488	19	B
John's Automotive	6326 111th St	60415	(708) 636-6097	10	C
Cicero					
Emissions 4 Less	5345 W 25th St	60804	(708) 222-0444	34	A
Central Muffler & Brakes	2416 S Central Ave	60804	(708) 652-5366	31	A
Juanes Auto Repair	5301 W Ogden Ave	60804	(708) 222-6517	30	A
Master's Garage Corp	6045 W Ogden Ave	60804	(708) 652-4941	29	A
Team Automotive Service Inc	6021 W Roosevelt Rd	60804	(708) 656-5300	22	A
Muffler & Brakes 4 Less	2101 S Laramie Ave	60804	(708) 652-4800	21	A
Duran Auto Repair	5702 W 22nd St	60804	(708) 743-9408	17	A
Car Zone Cermak	5323 W Cermak Rd	60804	(708) 652-1155	16	A
Quiroz Auto Repair	5733 W 16th St	60804	(708) 222-0638	15	A
Harolds Auto Service	2500 S Central Ave	60804	(708) 656-5948	6	A
Roosevelt Laramie Service Center	5147 W Roosevelt Rd	60804	(708) 652-6555	6	A
Ultra Auto Service	5317 W Ogden Ave	60804	(708) 656-5969	6	A
Kevin's Auto Repair	1414 S Cicero Ave	60804	(708) 780-7920	40	B
Trans-O-Mex	5000 W Cermak Rd	60804	(708) 222-1616	22	B
Quiroz Auto Repair #2	6027 W 26th St	60804	(708) 652-4669	15	B
Richard's Auto Service	5024 W 16th St	60804	(708) 652-2802	12	B
35th & Central Auto	5601 W 35th St	60804	(708) 780-0940	10	B
Cermak Tire & Auto Service	5012 W Cermak Rd	60804	(708) 222-3730	8	B
Aztecas Mufflers & Brakes	1801 S Cicero Ave	60804	(708) 222-2100	28	C
Mustang Auto Repair	3120 S Austin Blvd	60804	(708) 298-0197	22	C
Servin's Auto Mechanic Inc	3110 S Austin Blvd	60804	(708) 850-0026	14	C
B&W Truck & Auto Service	5049 W Ogden Ave	60804	(708) 652-1111	9	C
Chiquis Car Care and Collision	5841 W Ogden Ave	60804	(708) 656-6084	6	C
Cobra Automotive Repair	1324 S Cicero Ave	60804	(708) 222-3935	5	C
Country Club Hills					
R B's Automotive	16500 Crawford Ave	60478	(708) 596-5700	23	A
GDL Auto Body Inc	16510 Crawford Ave	60478	(708) 331-1818	8	A
Countryside					
Continental Nissan	5750 S La Grange Rd	60525	(708) 352-9200	13	A
Fair Muffler & Brake Shop	1 E Plainfield Rd	60525	(708) 354-2011	7	A
Peter's Hi Line Automotive II	9675 W 55th St	60525	(708) 482-4900	7	A
Continental Chrysler Jeep	5800 S La Grange Rd	60525	(708) 354-1400	13	B
Continental Honda	5901 S LaGrange Rd	60525	(708) 352-6000	13	B
Midas Auto Service Experts	5815 S La Grange Rd	60525	(708) 352-7900	7	B
Crest Hill					
J & H Auto Tire and Service	1714 N Broadway St	60403	(815) 722-7228	12	A
K & D Service Center	650 Theodore St	60403	(815) 722-1021	11	A
Milex/NAPA Autocare	1680 Theodore St	60403	(815) 741-0646	7	A
Velasquez Mufflers for Less	1915 N Broadway St	60403	(815) 722-3030	38	B
Bennish's Auto Repair	2386 Jorie Ct #4	60403	(815) 254-0123	14	B
Chavez's Auto Repair	1820 N Broadway St	60403	(815) 740-1349	13	B
Walt's Automotive	1909 N Broadway St	60403	(815) 726-9314	8	B
Midas Auto Service Experts	1802 Larkin Ave	60403	(815) 725-6500	7	B
Mr Transmission	1670 Theodore St	60403	(815) 741-4412	5	C
Crestwood					
Midas Auto Service Experts	14224 S Cicero Ave	60445	(708) 385-1621	19	B
Pep Boys Auto	13401 S Cicero Ave	60445	(708) 489-2693	10	C
H & H Auto Repair	4330 Midlothian Tpke	60445	(708) 388-7810	6	C
Crete					
Crete Service Center	1350 Main St	60417	(708) 672-8008	13	B

SUBURBS

Name	Address	Zip	Tel.#	Repairs	Grade
Crystal Lake					
Ron's Service	351 W Virginia St	60014	(815) 459-4433	62	A
Crystal Lake Brake & Auto	6200 Berkshire Dr # 3	60014	(815) 455-3587	22	A
Douglas Automotive	123 E Virginia Rd	60014	(815) 356-0440	17	A
CARSS	545 Dakota St # E	60012	(815) 356-0084	9	A
Mike's Service Center Inc	261 Liberty Rd	60014	(815) 459-1040	7	A
A-Car Tune	4410 US Hwy 14 Ste F	60014	(815) 477-2388	5	A
Mac's Auto Service Inc	4410 Northwest Hwy	60014	(815) 356-7010	5	A
Ormsby Motors	50 N Main St	60014	(815) 459-4566	5	A
Pauly Toyota	1035 S IL Route 31	60014	(815) 459-7100	13	B
Crystal Lake Chrysler Jeep Dodge	5404 S IL Route 31	60012	(815) 459-9000	12	B
Esser Automotive	154 Virginia Rd	60014	(815) 788-2878	10	B
DPAP Inc	765 Duffy Dr Ste G	60014	(815) 356-9590	8	B
Jim M'lady Oldsmobile Nissan	5656 E Northwest Hwy	60014	(815) 459-2288	8	B
Car-X Auto Service	393 Virginia Ave	60014	(815) 459-5442	7	B
Brilliance Honda	210 N IL Route 31	60014	(815) 459-6400	22	C
Quality Mufflers & Brakes	3949 Northwest Hwy	60014	(847) 516-1460	8	C
Crystal Lake Chevrolet	5220 E Northwest Hwy	60014	(815) 459-4000	6	C
The Shop	90 East St	60014	(815) 459-2886	6	C
Discount Muffler & Brake Shop	6200 Three Oaks Rd	60014	(815) 356-7109	5	C
Darien					
Darien Tire & Auto	6710 Route 83	60561	(630) 734-0100	13	A
Haraldsen's Garage	2525 W 75th St	60561	(630) 985-5440	5	A
Phillips 66 Service	7532 S Cass Ave	60561	(630) 964-8249	9	B
Deerfield					
Golz Motors Inc	450 Lake Cook Rd Unit 2	60015	(847) 317-9880	18	A
Deerfield Garage	444 Lake Cook Rd Ste 1	60015	(847) 948-0722	9	A
Shin's Accu-Auto	650 Waukegan Rd	60015	(847) 236-1163	6	A
Deerfield Shell Service	655 Waukegan Rd	60015	(847) 945-0584	5	A
Deerfield Tire & Auto Clinic	663 Waukegan Rd	60015	(847) 945-0896	9	B
Des Plaines					
Golf Mill Auto Center	1964 Mannheim Rd	60018	(847) 827-1000	102	A
Accurate Auto Clinic Inc	1580 E Oakton St	60018	(847) 297-1330	31	A
Best Auto Sales & Service	1855 E Oakton St	60018	(847) 824-5866	21	A
S & S Auto Repair	1101 S Elmhurst Rd	60016	(773) 656-6478	18	A
MB Automotive Inc	1190 S Wolf Rd	60016	(847) 824-1190	15	A
MG Elite Motors	1757 S Mount Prospect Rd	60018	(847) 759-7100	15	A
Val's Auto Repair	1215 Lee St	60018	(847) 296-0311	14	A
Car-X Auto Service	1108 E Oakton St	60018	(847) 298-8411	11	A
Magic Auto Inc	1001 Northwest Hwy	60016	(847) 298-9331	8	A
AJ's Auto Service	250 S River Rd	60016	(847) 768-9453	7	A
Hellstrom Automotive Inc	190 S Wolf Rd	60016	(847) 824-3663	6	A
Pat & Chuck's Auto Repair	2100 E Touhy Ave	60018	(847) 298-4372	6	A
Steve's Automotive	720 E Central Rd	60016	(847) 298-2111	6	A
Autoxpert	1244 Rand Rd	60016	(847) 298-5500	5	A
Express Auto Center	1714 E Oakton St	60018	(847) 813-9469	5	A
Castro Automotive Inc	1634 E Oakton St	60018	(847) 297-0610	23	B
Denny G's Automotive	1873 Busse Hwy	60016	(847) 299-5270	17	B
Puldin Auto Repair	2562 Ballard Rd	60016	(847) 298-5508	15	B
Truetech Automotive	410 E Northwest Hwy	60016	(847) 299-8783	13	B
Midas Auto Service Experts	981 E Oakton St	60018	(847) 298-3376	12	B
Midwest Automotive	1065 Lee St	60016	(847) 827-8400	10	B
Ace Auto Repair	875 Rand Rd	60016	(847) 297-4141	7	B
Advance Auto Repair	1131 Lee St	60016	(847) 296-2277	7	B
Quick Service Auto Center	1688 Lee St	60018	(847) 296-0110	20	C
O'Hare Honda	1509 S River Rd	60018	(847) 297-5700	13	C
JBA Auto Werks	1700 E Oakton St	60018	(847) 296-9840	6	C
Niko's Automotive Company	1844 Miner St	60016	(847) 376-8466	6	C
Star Automotive	540 E Algonquin Rd	60016	(847) 297-0155	6	C
Touhy & Wolf Shell Inc	600 E Touhy Ave	60018	(847) 827-0330	5	C

SUBURBS

Name	Address	Zip	Tel.#	Repairs	Grade
Dolton					
LaFrance Service Center	510 E Sibley Blvd	60419	(708) 849-9300	29	A
Kevin's Auto Repair	14745 Chicago Rd	60419	(708) 849-6590	15	C
Downers Grove					
Meineke Car Care Center	815 W Ogden Ave	60515	(630) 852-7413	79	A
Beard Auto Repair Inc	1736 W Ogden Ave	60515	(630) 964-5544	25	A
AMS Automotive Inc	21W240 Maple Ave	60515	(630) 968-4200	17	A
Car-X Auto Service	217 Ogden Ave	60515	(630) 964-2279	11	A
Lang's Auto Service Inc	4947 Main St	60515	(630) 968-4626	11	A
Bill Kay Nissan	1601 W Ogden Ave	60515	(630) 969-3200	8	A
Midas Auto Service Experts	1660 75th St	60516	(630) 852-0166	7	A
Hi-Tech Import Auto Services	356 Maple Ave	60515	(630) 969-1113	6	A
Pugi of Chicagoland	2020 W Ogden Ave	60515	(630) 964-9500	30	B
Maple Grove Automotive Inc	2315 Maple Ave	60515	(630) 963-2120	19	B
Automotive Service Inc	844 Warren Ave	60515	(630) 963-9635	10	B
Max Madsen Mitsubishi	2424 Ogden Ave	60515	(630) 960-7789	9	B
Packey Webb Ford	2150 W Ogden Ave	60515	(630) 598-4700	9	B
Zeigler Chrysler Dodge Jeep	2311 Ogden Ave	60515	(630) 245-5500	12	C
Tech Auto Service Inc	658 Ogden Ave	60515	(630) 968-6889	8	C
Fairview Auto Center	5117 Fairview Ave	60515	(630) 969-6600	6	C
Bill Kay Pontiac GMC	2300 Ogden Ave	60515	(630) 969-0022	5	C
East Dundee					
Car Smart Automotive Inc	1077 E Main St	60118	(847) 426-4541	16	A
Al Piemonte Dundee Chevrolet	770 Dundee Ave	60118	(847) 426-2000	6	A
Spring Hill Ford	800 Dundee Ave	60118	(847) 551-1027	11	B
Espos Auto Care Inc	1077 E Main St Ste 6	60118	(847) 551-3505	10	B
Superior Car Credit	777 Dundee Ave	60118	(224) 293-6020	6	C
Elburn					
Russell Automotive Inc	39W869 Midan Dr	60119	(630) 262-0012	5	C
Elgin					
Escamilla Automotive Repair	1219 Larkin Ave	60123	(847) 888-8246	33	A
Unlimited Auto Repair	371 Willard Ave	60120	(847) 697-7331	25	A
Bunges Tire & Auto Center	826 S McLean Blvd	60123	(847) 741-2799	20	A
Streits Auto	411 N Grove Ave	60120	(847) 695-4430	16	A
Tuffy Auto Service Centers	395 S Randall Rd	60123	(847) 717-4682	11	A
McGrath Buick Nissan Kia	945 E Chicago St	60120	(847) 695-6700	9	A
Car-X Auto Service	175 Dundee Ave	60120	(847) 742-9333	8	A
Katz Automotive Inc	438 S State St	60123	(847) 741-7033	7	A
Ron Hopkins Ford	1045 E Chicago St	60120	(847) 741-7500	7	A
Scott T's Auto Repair	340 S State St	60123	(847) 695-3071	7	A
Bigger's Mitsubishi	1325 E Chicago St	60120	(847) 742-5800	6	A
Buckley's Auto	420 Hammond Ave	60107	(847) 608-9130	6	A
Sergios Auto Repair	600 Varsity Dr	60120	(847) 695-6007	46	B
TBJ Auto Repair	577 Cooper Ave	60120	(847) 695-5770	30	B
Brothers Auto Repair	948 Villa St	60120	(847) 289-8985	21	B
Almanza's Auto Service	366 Willard Ave	60120	(847) 741-8190	19	B
JonJon Motorsports	845 Walnut Ave	60123	(847) 695-3171	14	B
Biggers Chevrolet Isuzu Inc	1385 E Chicago St	60120	(847) 742-9000	13	B
Broadway Tire & Service	368 Dundee Ave	60120	(847) 742-1870	13	B
KO Fleet Maintenance	765 Villa St Unit A	60120	(847) 742-4433	13	B
Lemus Auto Repair	338 S Mclean Blvd	60123	(847) 289-8295	13	B
Alfaros Auto Service	760 Villa St	60120	(847) 697-5559	11	B
Kellenberger Auto Service Ctr	217 Symphony Way	60120	(847) 741-5457	10	B
Jim's Towing & Automotive	215 1/2 W Chicago St	60123	(847) 697-0746	9	B
Feeny Chrysler Jeep Dodge	1010 E Chicago St	60120	(847) 697-0900	7	B
Merlin 200000 Mile Shop	350 S Randall Rd	60123	(847) 622-0055	7	B
Elgin Toyota	1200 E Chicago St	60123	(847) 741-2100	18	C
Merlin 200000 Mile Shop	400 Dundee Ave	60120	(847) 697-0205	15	C
Franco Auto Repair	953 1/2 Grace St	60120	(224) 535-8705	14	C
Amigo Transmission Plus	150 Tyler Creek Plaza	60123	(847) 888-8554	9	C

SUBURBS

Name	Address	Zip	Tel.#	Repairs	Grade
Elgin					
Rus' Auto Repairs	575 Cooper Ave	60120	(847) 695-7275	9	C
Boss Automotive Inc	39W207 Highland Ave #C	60124	(847) 841-7800	5	C
Chihuahua Tire Shop	533 N State St	60123	(847) 888-9091	5	C
Nesbitt Auto Repair	1725 Larkin Ave	60123	(847) 888-8800	5	C
Elk Grove Village					
J & Z Garage	438 Crossen Ave	60007	(847) 593-6252	33	A
Rolando's Car Care Inc	1700 Busse Rd Unit A	60007	(847) 228-5036	25	A
All Auto Clinic	1704 Oakton St	60007	(847) 640-6600	20	A
Creative Automotive	2500 E Higgins Rd	60007	(847) 378-8207	8	A
Benjamin's Auto Repair	901 Tonne Rd	60007	(224) 848-0781	6	A
One 6 Motorsports	610 Bennett Rd	60007	(847) 593-9490	5	A
Tacc's American Int'l Auto Repair	1051 Bonaventure Dr	60007	(847) 891-7787	16	B
Mark's Service Center Inc	2401 E Higgins Rd	60007	(847) 437-0972	12	B
Hoskins Chevrolet Inc	175 N Arlington Hts Rd	60007	(847) 439-0900	12	C
Elk Grove Marathon	119 Rohlwing Rd	60007	(847) 301-0058	6	C
A A A Transmission & Auto Repair	1700 Busse Rd	60007	(847) 437-2177	5	C
Elmhurst					
My Mechanic Inc	285 W Butterfield Rd	60126	(630) 833-6100	8	A
Crescent Service Garage Inc	111 E Crescent Ave	60126	(630) 941-1777	7	A
Firestone Complete Auto Care	463 N York Rd	60126	(630) 834-3131	6	A
Pauli's Auto Repair	260 N York St	60126	(630) 834-3247	5	A
Howard Pontiac GMC	364 W Grand Ave	60126	(630) 832-9500	9	B
Larry Roesch Chrysler Jeep	200 W Grand Ave	60126	(630) 834-8000	8	B
Mehta Motors	463 S Spring Rd	60126	(630) 279-0566	7	B
Larry's 66 Auto Repair	254 W Lake St	60126	(630) 279-3759	6	C
West Automotive Services	265 West Ave	60126	(630) 832-3923	6	C
Elmwood Park					
Aral Auto Services Inc	2144 N Harlem Ave	60707	(708) 452-6610	15	A
Caira Super Service Inc	7835 W Belmont Ave	60707	(708) 452-0011	6	A
Evanston					
Dodge & Oakton Auto Service	500 Dodge Ave	60202	(847) 733-0842	58	A
Auto Doctor	2116 Ashland Ave	60201	(847) 491-9600	53	A
Bee-Zee Service	1701 Howard St	60202	(847) 475-6040	45	A
Howard & California Auto Repair	101 Dodge Ave	60202	(847) 328-2051	35	A
Cosas Automotive	9012 N Bennet St	60203	(847) 293-2796	31	A
Bryan's Garage	2829 Central Ave	60201	(847) 492-0755	19	A
The Autobarn VW	1033 Chicago Ave	60202	(847) 866-7600	14	A
Midas Auto Service Experts	2410 Dempster St	60202	(847) 864-4224	13	A
Wil-Ridge Auto Center	2620 Crawford Ave	60201	(847) 328-1862	9	A
Jake's Auto and Tire Service	2421 Dempster St	60201	(847) 866-9890	6	A
Warren's Shell Service	1201 Chicago Ave	60202	(847) 475-7797	5	A
Maday Auto Service Inc	1825 Central St	60201	(847) 475-2268	20	B
Bob's General Truck & Auto Service	550 Hartrey Ave	60202	(847) 491-1799	15	B
The Autobarn Nissan	1012 Chicago Ave	60202	(847) 475-8200	8	B
M & M Power King	1201 Howard St	60202	(847) 869-1700	18	C
HM Auto Care	640 Pitner Ave	60202	(773) 814-0116	15	C
Evanston Subaru Isuzu	715 Chicago Ave	60202	(847) 869-5700	10	C
The Autobahn Ltd	1015 Chicago Ave	60202	(847) 866-9666	9	C
Evergreen Park					
Evergreen Park Service Station	3328 W 95th St	60805	(708) 422-2490	11	A
Evergreen Auto Rebuilders	9121 S Kedzie Ave	60805	(708) 423-9121	13	C
European Cars	9830 S Kedzie Ave	60805	(708) 422-7300	12	C
Flossmoor					
Flossmoor Family Auto Repair	2733 Flossmoor Rd	60422	(708) 798-0806	13	C
Forest Park					
H & R Auto & Towing Inc	805 Hannah Ave	60130	(708) 771-6900	5	A
Action Transmission & Automotive	7449 Madison St	60130	(708) 771-0606	10	C
Elite Tire	25 Harlem Ave	60130	(708) 366-4032	6	C

SUBURBS

Name	Address	Zip	Tel.#	Repairs	Grade
Fox Lake					
Merlin 200000 Mile Shop	1222 S US Highway 12	60020	(847) 973-8100	11	A
Fred's Service	62 S US Highway 12	60020	(847) 587-5721	5	A
Ray Chevrolet	39 N US Highway 12	60020	(847) 587-3300	20	C
Depot Tire & Auto Center	15 Nippersink Blvd	60020	(847) 587-4000	6	C
Fox Lake Toyota	75 S US Highway 12	60020	(847) 587-9200	5	C
Fox River Grove					
Grove Auto Repair	408 Lincoln Ave	60021	(847) 639-2260	10	A
Bryant Automotive	416 Northwest Hwy	60021	(847) 639-4552	8	A
Car-X Auto Service	915 IL Route 22	60021	(847) 639-1597	7	A
Frankfort					
Frankfort Auto Clinic	7826 W Lincoln Hwy	60423	(815) 469-6494	22	A
Malley's Auto	9447 W Lincoln Hwy	60423	(815) 277-2410	6	C
Franklin Park					
K & K Auto Moto	9608 Grand Ave	60131	(847) 451-1575	13	A
Max Auto Repair	2830 Dora St	60131	(847) 451-4820	11	A
Mannheim Automotive & Brakes	2700 N Mannheim Rd	60131	(847) 288-1700	9	A
Cannon Auto	3345 N Lincoln Ave	60131	(847) 678-4425	5	A
Firestone Complete Auto Care	2550 N Mannheim Rd	60131	(847) 451-0790	5	A
Denny's Automotive	9325 Schiller Blvd	60131	(847) 288-1520	8	B
Belmont Auto Tech	9464 Belmont Ave	60131	(847) 678-1999	7	B
Midas Auto Service Experts	2611 Mannheim Rd	60131	(847) 455-0364	9	C
De Blas Auto Repair	9818 Grand Ave	60131	(847) 451-9411	5	C
Gages Lake					
Gages Lake Auto & Light Truck Repair	18049 W Gages Lake Rd	60030	(847) 548-2277	10	B
Geneva					
Ken's Auto Center	501 Edison St	60134	(630) 232-9800	11	A
Ron's Automotive Services Inc	511 Stevens St	60134	(630) 232-4488	7	A
NTB	1575 S Randall Rd	60134	(630) 845-0368	6	C
Glen Ellyn					
Village Garage & Tire	841 N Main St	60137	(630) 469-9700	14	A
Lord's Auto Clinic Inc	453 Pennsylvania Ave	60137	(630) 469-8191	6	A
Jerry Haggerty Chevrolet	300 Roosevelt Rd	60137	(630) 469-8100	13	B
Gearhead Auto Repair	474 Forest Ave	60137	(630) 858-8630	8	B
Firestone Complete Auto Care	681 Roosevelt Rd	60137	(630) 858-0662	10	C
Crown Transmission Service	530 Roosevelt Rd	60137	(630) 545-1414	6	C
Glencoe					
Field's Infiniti	2100 W Frontage Rd	60022	(847) 998-5200	7	A
CarMax	2000 W Frontage Rd	60022	(847) 242-0045	5	A
Glendale Heights					
Glendale Nissan Inc	484 E North Ave	60139	(630) 469-6100	11	A
Tuffy Auto Service Center	1153 Bloomingdale Rd	60139	(630) 588-8846	11	A
Muffler & Brake Man	2019 Bloomingdale Rd	60139	(630) 924-5666	25	B
Midas Auto Service Experts	2151 Bloomingdale Rd	60139	(630) 894-3377	15	B
Firestone Complete Auto Care	2015 Bloomingdale Rd	60139	(630) 893-6336	9	B
Sunrise Chevrolet	414 E North Ave	60139	(630) 942-8300	9	B
Suburban Tire Company	755 North Ave	60139	(630) 790-1600	8	B
Glenview					
Glenview Shell	3255 Central Rd	60025	(847) 724-7007	24	A
Hillerich's Car Care	980 Shermer Rd	60025	(847) 724-0131	22	A
Jennings Volkswagen	201 Waukegan Rd	60025	(847) 729-3500	21	A
Bredemann Lexus In Glenview	2000 Waukegan Rd	60025	(847) 510-5507	18	A
Hillerich's Car Care	602 Greenwood Rd	60025	(847) 724-3960	13	A
McGrath Audi	301 Waukegan Rd	60025	(847) 998-8000	9	A
C & M Auto Service Inc	835 Milwaukee Ave	60025	(847) 724-6311	7	A
Weber Automotive Service Inc	214 Greenwood Rd	60025	(847) 965-3400	7	A
Clavey Auto Service Inc	2003 Chestnut Ave	60025	(847) 724-4770	6	A
Jennings Chevrolet	241 Waukegan Rd	60025	(847) 729-1000	23	C
Hynes Service	1723 Waukegan Rd	60025	(847) 724-9732	12	C

SUBURBS

Name	Address	Zip	Tel.#	Repairs	Grade
Grayslake					
LTS Motorworks	35110 N Route 83 Unit 6	60030	(847) 877-5467	17	A
A good Mechanic	32270 N IL Route 83	60030	(847) 752-8440	8	C
Gurnee					
McClure's Garage	4409 Old Grand Ave	60031	(847) 662-1050	29	A
Rosen Honda Nissan	7000 Grand Ave	60031	(847) 856-8440	14	A
Gurnee Volkswagon	6301 Grand Ave	60031	(847) 855-1500	6	A
Gurnee Tire	3601 Grand Ave	60031	(847) 244-2000	5	A
Anthony Pontiac GMC Buick	7225 Grand Ave	60031	(847) 856-3000	14	B
ID Auto Service Inc	1211 Estes St Unit 1	60031	(847) 775-2721	11	B
Wells Automotive Service	7365 Grand Ave	60031	(847) 856-1420	8	B
Gurnee Dodge	7255 Grand Ave	60031	(847) 623-3000	14	C
Gurnee Transmission	640 Belle Plaine Ave	60031	(847) 249-5678	6	C
Gurnee Ford Lincoln Mercury	18834 W Grand Ave	60034	(847) 244-9500	5	C
Hainesville					
Apson Towing & Auto Service	20 N Hainesville Rd	60030	(847) 543-7382	28	A
Hainesville Firestone	25 W Belvidere Rd	60030	(847) 986-3593	9	A
Hanover Park					
Kamphaus Auto Care	1005 Irving Park Rd	60133	(630) 830-0400	18	A
Midas Auto Service Experts	1505 W Irving Park Rd	60133	(630) 830-0500	18	A
Salazar Auto	4N221 84 Ct Unit 1	60133	(630) 361-4314	10	A
A-Tech Automotive	4N221 84th Ct	60103	(630) 510-2212	5	A
Firestone Complete Auto Care	1910 Army Trail Rd	60133	(630) 372-6500	5	A
Midas Auto Service Experts	1804 Army Trail Rd	60133	(630) 372-9811	18	B
Merlin 200000 Mile Shop	1680 W Irving Park Rd	60133	(630) 289-5656	16	B
Harvey					
Parkway Auto Rebuilders	15412 Park Ave	60426	(708) 331-4855	9	A
Tillman's Automotive	512 E 156th St	60426	(708) 333-2723	15	B
Roy's Radiator & Auto Service	412 E 159th St	60426	(708) 331-5323	21	C
Harwood Heights					
E & D Citgo Services	4555 N Nagle Ave	60706	(708) 867-4494	10	C
Hazel Crest					
Village Auto Repair Inc	17300 S Kedzie Ave	60429	(708) 335-3939	10	A
Highland Park					
Muller Chevrolet Honda	550 Skokie Valley Rd	60035	(847) 831-4200	17	A
D & R Auto Works	2366 Skokie Valley Rd	60035	(847) 433-4343	11	A
Lexus of Highland Park	3040 Skokie Valley Rd	60035	(847) 432-1900	8	A
Pauly Acura	2699 Skokie Valley Rd	60035	(847) 433-8200	5	A
Werhane Service Center Inc	1992 2nd St	60035	(847) 432-2022	5	A
North Shore Auto Group	1350 Park Avenue West	60035	(847) 433-7900	13	B
Audi Exchange	2490 Skokie Valley Rd	60035	(847) 432-5020	12	B
Pasquesi & Son Inc	2086 1st St	60035	(847) 433-4862	8	B
Bernardi Auto Service Center Inc	2666 Waukegan Ave	60035	(847) 433-2158	7	B
Highwood					
J J Service Inc	433 Sheridan Rd	60040	(847) 681-1228	8	A
Hillside					
CarMax	101 N Wolf Rd	60162	(708) 449-5200	16	A
Del Rio Auto Repair	4227 W Butterfield Rd	60162	(708) 547-1499	7	B
Hinsdale					
J M S Auto Service	5837 S Madison St	60521	(630) 325-5900	10	A
Gabriel Auto Repair	11 S 360 Madison St	60521	(630) 816-6267	7	A
Fuller's Service Center	102 W Chicago Ave	60521	(630) 325-0088	21	B
Hodgkins					
Advantage Chevrolet	9510 W Joliet Rd	60525	(708) 352-2400	20	B
Continental Toyota-Scion	6701 S La Grange Rd	60525	(708) 354-5800	21	C
Auto Medic Plus	7097 Sante Fe Dr Unit N	60525	(708) 377-2217	6	C
Hoffman Estates					
Firestone Complete Auto Care	801 Barrington Rd	60194	(847) 884-8787	8	A
Mercedes-Benz of Hoffman Estates	1000 W Golf Rd	60194	(847) 885-7000	5	A
Woodfield Nissan	700 W Higgins Rd	60195	(847) 310-1900	24	B

SUBURBS

Name	Address	Zip	Tel.#	Repairs	Grade
Hoffman Estates					
Acorn Tire	100 E Higgins Rd	60195	(847) 882-0600	22	B
Firestone Complete Auto Care	1050 N Roselle Rd	60169	(847) 882-0020	14	B
Muller's Woodfield Acura	1099 W Higgins Rd	60195	(847) 519-9550	9	C
National Tire & Battery	2475 W Golf Rd	60194	(847) 884-0171	5	C
Homer Glen					
Danrich Automotive	13030 W 159th St	60491	(708) 301-2608	9	A
Frank's Automotive	15806 Annico Dr	60491	(708) 301-4722	5	A
Bell Side 7 Garage	15829 S Bell Rd	60491	(708) 301-6633	12	B
Tuffy Auto Service Center	15743 S Bell Rd	60491	(708) 301-8885	8	C
Hometown					
Diamond Auto Service	4721 W 87th St	60456	(708) 499-1354	14	A
Homewood					
Camn's Automotive Repair	17901 Dixie Hwy	60430	(708) 647-0395	10	A
Pete's Auto Service	18678 Dixie Hwy	60430	(708) 799-0230	23	B
Skip's Tire Co	18340 S Kedzie Ave	60430	(708) 798-8103	13	B
Pep Boys Auto	18024 S Halsted St	60430	(708) 647-0774	10	C
Firestone Complete Auto Care	17935 S Halsted St	60430	(708) 799-7552	9	C
Huntley					
M B Garage	10501 N IL Route 47	60142	(847) 315-2808	6	A
Indian Head Park					
Route 66 Global Automotive	6692 Joliet Rd	60525	(708) 246-2000	6	C
Ingleside					
Ingleside Auto And Tire Center	34811 N Wilson Rd	60041	(847) 740-9181	42	A
HMM Towing	855 S Route 12	60041	(847) 875-4632	9	C
Professional Auto Repair	36250 N Wilson Rd	60041	(847) 587-7892	6	C
Island Lake					
Ken Anderson's Auto & Truck	4015 Roberts Rd #D	60042	(847) 526-4485	5	A
State Road Auto Repair	128 E State Rd	60042	(847) 526-5500	8	B
Joliet					
Aaccel Emissions & Lube	3500 Mall Loop Dr	60431	(815) 577-6193	110	A
Velasquez Mufflers	1600 W Jefferson St	60435	(815) 207-4000	31	A
Bibian Brothers Auto Repair	404 W Jefferson St	60435	(815) 727-7033	19	A
Lawson Automotive	826 Violetta Ave	60432	(815) 726-8598	18	A
Merlin 200000 Mile Shop	845 N Larkin Ave	60435	(815) 744-4877	18	A
Master's Automotive	1210 Plainfield Rd	60435	(815) 729-1896	17	A
Auto Medics	108 S Larkin Ave	60436	(815) 725-2400	16	A
Team Auto Repair	367 N Chicago Dr	60432	(815) 727-4300	10	A
Thomas Toyota	1437 N Larkin Ave	60435	(815) 744-2760	10	A
Rockdale Automotive	22 Graham Dr Unit A	60436	(815) 725-5039	9	A
Petric's Auto Service Inc	1213 N Broadway St	60435	(815) 723-7587	7	A
El Cato Auto Repair	1311 Collins St	60432	(815) 726-1958	6	A
G & J Auto Tech	1307 Collins St	60432	(815) 726-2683	6	A
A J's Autosshop	509 E Washington St	60433	(815) 727-3461	5	A
J & S Auto Shop	578 E Jackson St	60432	(815) 722-3651	5	A
Joliet Auto Service	110 N Larkin Ave	60435	(815) 725-3306	8	B
Bertinos Marathon Service	900 Plainfield Rd	60435	(815) 723-6362	7	B
Specialty Auto Care	1136 Plainfield Rd	60435	(815) 714-2255	24	C
Oxbo Muffler Shop	700 Plainfield Rd	60435	(815) 726-3313	12	C
Pep Boys Auto	1824 W Jefferson St	60435	(815) 744-0150	12	C
Alfa Muffler Shop Inc	219 Ruby St	60435	(815) 727-6236	11	C
Mex Mufflers	500 E Jackson St	60431	(815) 726-7892	11	C
Thomas Nissan	1421 Larkin Ave	60435	(815) 741-5353	11	C
Firestone Complete Auto Care	2521 Plainfield Rd	60435	(815) 254-5147	8	C
Honda of Joliet	3225 Plainfield Rd	60431	(815) 439-2222	8	C
Paul & Mike's Transmission	232 Collins St	60432	(815) 727-2413	6	C
D'Arcy VW Hyundai Isuzu	2521 W Jefferson St	60435	(815) 725-5200	5	C
Justice					
Performance Auto & Truck Service	8300 S Roberts Rd	60458	(708) 598-7604	13	B
Technicraft Autobody	8349 S Roberts Rd	60458	(708) 430-1177	5	C

SUBURBS

Name	Address	Zip	Tel.#	Repairs	Grade
La Grange					
Maas Auto Inc	1500 W 55th St	60525	(708) 246-0827	42	A
Sonamatic Auto Center Inc	9665 W 55th St	60525	(708) 352-7420	9	B
La Grange Park					
Murphy's Transmission	1117 E 31St St	60526	(708) 579-2020	7	B
Lake Barrington					
A & N Master Tec	27W982 Commercial Ave Ste 2	60010	(847) 381-1445	6	C
Lake Bluff					
Saab Exchange	1 Sherwood Ter	60044	(847) 615-1111	13	A
North Shore Auto Service	421 W Washington Ave	60044	(847) 295-5878	8	A
Karl Knauz BMW	407 Skokie Valley Hwy	60044	(847) 604-5000	20	B
Knauz Mercedes-Benz	409 Skokie Hwy	60044	(847) 234-1700	9	C
Ken's Volvo Tech	13110 Route 176 Ste 2	60044	(847) 735-1717	8	C
Land Rover Lake Bluff	375 Skokie Hwy	60044	(847) 604-8100	8	C
The Werk Shop	28814 Nagel Ct Unit B	60044	(847) 295-3200	5	C
Lake Forest					
Citgo of Lake Forest	530 N Western Ave	60045	(847) 234-3707	6	C
Lake In The Hills					
Firestone Complete Auto Care	2255 W Algonquin Rd	60156	(847) 658-8100	13	A
Hitch Automotive Repair Inc	9242 Trinity Dr	60156	(847) 854-1600	8	A
Ram Auto Repair & Tires	1521 Imhoff Dr	60156	(847) 458-8002	6	A
Tuffy Auto Service Centers	59 W Acorn Ln	60156	(847) 854-9850	7	B
Marco Mufflers & Brakes	1060 W Algonquin Rd	60156	(847) 458-0400	6	C
Frank's Automotive Repair	541 Jennings Dr Ste B1	60156	(815) 479-0970	5	C
Lake Villa					
Lamont Automotive	37611 N IL Route 59	60046	(847) 587-1477	13	A
Park Automotive Repair	24236 W Grand Ave	60046	(847) 356-2925	12	A
Meineke Car Care Center	875 E Grand Ave	60046	(847) 245-7592	7	A
Performance Auto Repair	217 Lake Ave	60046	(847) 356-2395	5	A
Experience Automotive Inc	37517 N IL Route 59	60046	(847) 973-1900	6	C
Lake Zurich					
Remington Automotive	507 S Rand Rd	60047	(847) 438-1844	25	A
Hawkeye Automotive	909 S Rand Rd	60047	(847) 540-0090	19	A
Lake Zurich Tire & Auto Inc	526 W Main St	60047	(847) 726-2780	5	A
Lansing					
Car-X Auto Service	17065 Torrence Ave	60438	(708) 895-2279	31	A
Follmer Service	2750 Bernice Ave	60438	(708) 895-3755	10	A
Fine Tune Auto Repair Service	17546 Chicago Ave	60438	(708) 418-5000	6	A
Park Service Station	18025 Torrence Ave	60438	(708) 474-7272	5	A
Pep Boys Auto	17015 Torrence Ave	60438	(708) 895-5859	13	B
Ridgeway Chevrolet Inc	17730 Torrence Ave	60438	(708) 474-4990	11	C
Lemont					
Pepper's Lemont Auto Care	16191 W 127th St	60439	(630) 257-6600	18	A
Hayes Auto and Truck Repair	105 Stephen St	60439	(630) 257-6634	8	B
Libertyville					
Duxler Libertyville Tire Corp	902 S Milwaukee Ave	60048	(847) 367-6710	17	A
Car-X Auto Service	311 S Milwaukee Ave	60048	(847) 367-8688	15	A
North End Garage	807 N Milwaukee Ave	60048	(847) 362-5150	14	A
Glenn & Sons Automotive Inc	19170 W Highway 137	60048	(847) 362-2886	12	A
Pauly Honda	1111 S Milwaukee Ave	60048	(847) 362-4300	12	A
Liberty Import Center	920 S Milwaukee Ave	60048	(847) 680-8000	11	A
Complete Care Automotive	349 E Church St	60048	(847) 918-9312	8	A
Christoph's Automotive	1070 E Park Ave	60048	(847) 918-8100	5	A
Fields Infiniti of Lake County	1121 S Milwaukee Ave	60048	(847) 362-9200	5	A
Rouse's Auto Repair	211 S Milwaukee Ave	60048	(847) 362-8950	17	B
Cornerstone Automotive Group	939 E Park Ave	60048	(847) 362-4600	11	B
Weil Oldsmobile Cadillac Hummer	1050 S Milwaukee Ave	60048	(847) 362-4100	7	B
Libertyville Toyota	1180 S Milwaukee Ave	60048	(847) 362-1500	26	C
Auto Lab Inc	400 S Milwaukee Ave	60048	(847) 367-4488	5	C
G & R Auto	617 N Second St	60048	(847) 362-2818	5	C

SUBURBS

Name	Address	Zip	Tel.#	Repairs	Grade
Lincolnshire					
Lamb's Automotive Inc	16051 Deerfield Pkwy	60069	(847) 821-2100	10	A
Lincolnwood					
Loeber Motors Inc	7101 N Lincoln Ave	60712	(847) 675-1000	11	C
Lindenhurst					
Great American Tire & Auto Center	1890 E Grand Ave	60046	(847) 265-9830	21	A
Lisle					
Volvo of Lisle	4375 Lincoln Ave	60532	(630) 852-9500	14	A
Ogden Motorcar	3175 Ogden Ave	60532	(630) 355-8291	12	A
Automotive Specialist	1801 Ogden Ave	60532	(630) 810-0014	9	A
Diehl Auto Repair Service	1532 Ogden Ave	60532	(630) 969-0859	8	A
Honda of Lisle	4475 Lincoln Ave	60532	(630) 852-7200	8	A
Craig's Auto Service Center	1101 Warrenville Rd	60532	(630) 852-7510	19	B
Infiniti of Lisle	4325 Lincoln Ave	60532	(630) 241-3000	12	B
Firestone of Lisle	5604 Lincoln Ave	60532	(630) 515-8700	10	B
Lisle Automotive & Tire	1508 Ogden Ave	60532	(630) 968-8300	9	B
DuPage Transmission Service Inc	3301 Ogden Ave	60532	(630) 369-2108	8	B
V & R Tire Center	4903 Main St	60532	(630) 968-8473	7	B
Bill Kay Chevrolet	601 Ogden Ave	60532	(630) 968-2900	14	C
Naperville Jeep Dodge Chrysler	3300 Ogden Ave	60532	(630) 505-8282	12	C
Village Tire & Auto Clinic	2955 Ogden Ave	60532	(630) 428-3030	5	C
Lockport					
Tuffy Auto Service Center	600 E 9th St	60441	(815) 838-3700	9	A
Vince's Automotive Service	1600 S State St	60441	(815) 588-9000	9	A
Ballardo's Auto Repair	3326 State St	60441	(815) 727-5625	8	A
Aranda's Auto Service Inc	1101 Caton Farm Rd	60441	(815) 723-1501	41	B
Jim & Toms Auto	900 E 9th St	60441	(815) 838-1646	7	B
Merlin's 200000 Miles Shop	983 E 9th St	60441	(815) 838-1100	5	C
R & S Automechanics	3243 S State St	60441	(815) 630-4968	5	C
Lombard					
Nofsinger's Auto Repair Inc	555 E St Charles Rd	60148	(630) 629-2277	17	A
DuPage Tire & Auto Center Inc	1200 E Roosevelt Rd	60148	(630) 629-8473	12	A
C K Auto Repair	21W079 Roosevelt Rd	60148	(630) 629-7799	11	A
Lombard Toyota	725 W Roosevelt Rd	60148	(630) 629-3900	11	A
Heritage Cadillac	303 W Roosevelt Rd	60148	(630) 629-3300	10	A
A J's Auto Repair	18W455 Roosevelt Rd	60148	(630) 629-6244	9	A
Art's Master Mechanics	1 N Grace St	60148	(630) 691-1188	6	A
3-D Complete Car Care	222 E Roosevelt Rd	60148	(630) 629-2800	23	B
Pep Boys Auto	851 E Roosevelt Rd	60148	(630) 792-1601	13	B
Areawide Automotive	620 E North Ave	60148	(630) 953-8741	11	B
J 1 Automotive Repair	610 S Main St Unit B	60148	(630) 932-4427	9	B
Just Auto Care	321 Westmore Meyers Rd	60148	(630) 620-9600	15	C
Nuts & Volts Auto Repair	333 S Main St	60148	(630) 932-8833	6	C
Tire Connections Inc	513 W Roosevelt Rd	60148	(630) 620-7616	5	C
Lynwood					
Teloloapan Muffler & Brake Ill Inc	3082 E Lincoln Hwy	60411	(708) 753-1036	32	A
Master Tech Auto Repair Inc	2152 Glenwood Dyer Rd	60411	(708) 895-7008	15	A
The Corner Garage	2380 Glenwood Dyer Rd	60411	(708) 895-8350	7	B
Lyons					
All-Star Automotive Services Inc	8044 W Ogden Ave	60534	(708) 447-0887	5	A
Vern's Auto Service Inc	8644 W Ogden Ave	60534	(708) 442-3440	5	A
California Muffler & Brakes	8050 Ogden Ave	60534	(708) 447-9790	8	C
Markham					
Adam's Auto & Truck Repair	3911 W 159th Pl	60428	(708) 339-0337	299	A
Bobby C's Automotive	15603 Crawford Ave	60426	(708) 339-1553	12	B
Matteson					
T & T Auto Care	21750 Main St	60443	(708) 481-9161	7	A
Firestone Complete Auto Care	4646 Lincoln Hwy	60443	(708) 679-0250	12	B
Hawkinson Kia	5501 Miller Circle Dr	60443	(708) 720-8999	7	B

SUBURBS

Name	Address	Zip	Tel.#	Repairs	Grade
Matteson					
Planet Toyota	5540 Auto Court Dr	60443	(708) 720-8600	14	C
Maywood					
J D Auto Repairs Inc	805 Lake St	60153	(708) 345-1709	34	A
D & K Service	1900 W Madison St	60153	(708) 345-5630	15	C
B O Transmission	812 W Lake St	60153	(708) 344-2127	5	C
McHenry					
B & B Automotive	913 Front St	60050	(815) 363-7560	31	A
Northtown Auto Service	3800 McCullom Lake Rd	60050	(815) 363-2886	9	A
Buss Ford	111 S IL Route 31	60050	(815) 385-2000	7	A
Goodyear Auto Tech Centers Inc	4005 W Elm St	60050	(815) 385-7300	7	A
Midas Auto Service Experts	4110 W Elm St	60050	(815) 344-1200	6	A
Quality Car Care	3517 S Wright Rd	60050	(815) 477-4383	6	A
Nye Auto Doctor Inc	2318 W IL Route 120	60051	(815) 344-5505	10	B
Car-X Auto Service	4705 W Elm St	60050	(815) 338-2279	9	B
Morrie & Sons	5110 W Elm St	60050	(815) 385-2266	9	B
Gary Lang Auto Group	1107 S IL Route 31	60050	(815) 385-6000	7	B
Lakeland Service Center	5200-B McCullom Lake Rd	60050	(815) 363-8271	7	B
Young's Auto Repair	1801 W IL Route 120	60051	(815) 344-6068	7	B
Premier Automotive Services	1815 W IL Route 120	60051	(815) 344-3484	6	C
Sunnyside Chrysler Dodge	4810 W Elm St	60050	(815) 385-7220	6	C
Medinah					
Medinah Automotive Service	22W015 Irving Park Rd	60157	(630) 582-2277	16	A
Medinah Muffler & Brake	21W750 Irving Park Rd	60157	(630) 351-4136	10	A
Melrose Park					
True Family Auto	1621 N 31st St	60160	(708) 615-0695	14	A
Al Piemonte Nissan Inc	401 E North Ave #11	60164	(708) 343-3800	10	A
Billy's Auto & Truck Repair Inc	2405 Division St	60160	(708) 345-3957	6	A
Marts Auto Repair	1601 N 25th Ave	60160	(708) 345-2500	6	A
E & C Autobody	2414 W Le Moyne St	60160	(708) 345-9210	5	A
FYM Auto Repair	1401 N 25th Ave	60160	(224) 659-3877	11	B
JD Auto Repair & Transmission	10 N 15th Ave	60160	(708) 450-1579	26	C
Hagen's Automotive	2315 N Mannheim Rd	60164	(847) 455-0122	12	C
Uptown Garage	1001 Main St	60160	(708) 345-5558	11	C
Automotive Experts	2246 N Mannheim Rd	60164	(847) 455-2227	8	C
Melrose Auto Repair Inc	1835 N 25th Ave	60160	(708) 344-3730	6	C
Romero's II Auto Repair Shop	127 N 25th Ave	60160	(708) 343-0128	6	C
Al Piemonte Ford	2500 W North Ave	60160	(708) 345-9300	5	C
Pep Boys Auto	2600 W North Ave	60160	(708) 450-0140	5	C
Midlothian					
Firestone Complete Auto Care	14740 Crawford Ave	60445	(708) 389-1600	5	A
GT Auto Service Inc	14501 S Cicero Ave	60445	(708) 396-1600	8	B
Mokena					
Vandam Auto & Truck Repair	18935 S Wolf Rd	60448	(708) 479-1651	26	A
Craig's Auto Repair Service	19906 Wolf Rd	60448	(708) 590-4544	7	A
B & N Auto	8509 W 191st St	60448	(815) 464-8990	5	A
Jaguar Performance	8431 W 191st St	60448	(815) 464-0394	5	A
Gamboa's Automotive	19200 Wolf Rd	60448	(708) 479-1644	8	B
Monee					
McGlone's Auto	26080 S Governors Hwy	60449	(708) 534-7500	14	B
Montgomery					
Merlin 200000 Mile Shop	1460 Douglas Rd	60538	(630) 892-2484	10	A
Probst Service Inc	300 Webster St	60538	(630) 897-7413	6	C
Morton Grove					
Leading Edge Automotive Inc	8832 N Waukegan Rd	60053	(847) 965-4788	15	A
Athans Motors	9040 Waukegan Rd	60053	(847) 967-8700	9	A
Morton Grove Auto & Truck Service	9440 N Waukegan Rd	60053	(847) 966-8045	7	A
Merlin 200000 Mile Shop	6108 Dempster St	60053	(847) 966-6350	6	A
Dempster Auto Service	6147 W Dempster St	60053	(847) 967-9641	21	B
McGrath Acura of Morton Grove	9105 Waukegan Rd	60053	(847) 470-2300	13	B

SUBURBS

Name	Address	Zip	Tel.#	Repairs	Grade
Morton Grove					
Turbo's Auto Repair	5801 Dempster St	60053	(847) 470-9999	7	B
Dempster & Ozark Shell	7736 Dempster St	60053	(847) 966-7200	6	C
Mount Prospect					
Mercury Auto Repair	1881 W Algonquin Rd	60056	(847) 722-1067	42	A
Auto Techs of Illinois Inc	2070 S Elmhurst Rd	60056	(847) 954-4501	22	A
Formula Automotive Inc	310 W Northwest Hwy	60056	(847) 577-5760	20	A
Busse Automotive Inc	113 E Prospect Ave	60056	(847) 253-1634	14	A
Don's Garage Inc	1229 E Algonquin Rd	60005	(847) 439-1070	14	A
Carz Auto Service	2088 S Elmhurst Rd	60056	(847) 640-7721	7	A
All About Automotive Inc	2058 S Elmhurst Rd	60005	(847) 545-2000	8	B
D'Agostino Service Inc	1701 W Algonquin Rd	60056	(847) 437-9805	7	B
J & J Auto Repair	2040 S Elmhurst Rd	60056	(847) 439-8327	20	C
Autobarn VW of Mount Prospect	333 W Rand Rd	60056	(847) 392-6300	16	C
Bruce Automotive	422 E Northwest Hwy	60056	(847) 253-5545	5	C
Easy Auto Repair	2020 E Euclid Ave	60056	(773) 936-2317	5	C
Meineke Car Care Center	2094 S Elmhurst Rd	60056	(847) 439-1191	5	C
U S Automotive	101 E Rand Rd	60056	(847) 577-6525	5	C
Mundelein					
Best Car Care II Inc	131 E Maple Ave	60060	(847) 837-0047	22	A
Meineke Car Care Center	313 Townline Rd	60060	(847) 566-0789	18	A
Autobahn Motor Works Inc	25750 N IL Route 83	60060	(847) 566-3430	16	A
Car-X Auto Service	1557 S Lake St	60060	(847) 949-9500	14	A
Mundelein Automotive Inc	15 E Maple Ave	60060	(847) 949-1480	13	A
Mundelein Tire & Service	900 N Lake St	60060	(847) 949-5110	8	A
Leo's Automotive Service	825 E Armour Blvd	60060	(847) 970-9443	7	B
Midas Auto Service Experts	7109 N Route 83	60060	(847) 949-6500	7	B
G & G Motors Inc	28880 N Lemon Rd	60060	(847) 949-6688	6	C
Merlin 200000 Mile Shop	1464 Butterfield Rd	60060	(847) 816-3282	6	C
Naperville					
Clark's Car Care	440 Industrial Dr #C	60563	(630) 527-0967	85	A
Frankie & Johnnie's Garage	555 Weston Ridge Dr	60586	(630) 922-5799	32	A
Becker Service Center Inc	1421 Naperville Plainfield Rd	60564	(630) 983-5500	30	A
Naper Auto Works Inc	320 N Mill St	60540	(630) 420-2886	17	A
Chevrolet Of Naperville	1540 W Ogden Ave	60540	(630) 357-6100	15	A
Car-X Auto Service	1156 E Ogden Ave	60563	(630) 357-8332	14	A
Automotive Enterprises	26W161 Plank Rd	60563	(630) 428-9975	13	A
Bill Jacobs Volkswagen	2211 Aurora Ave	60540	(630) 851-5600	11	A
Firestone Complete Auto Care	44 W Gartner Rd # 112	60540	(630) 961-5757	8	A
Sparks Complete Auto Care	24125 111th St	60564	(630) 904-4115	8	A
Wheatland Automotive	10S373 Normantown Rd	60564	(630) 978-9999	8	A
Acorn Tire Auto Service	275 E Ogden Ave	60563	(630) 355-3200	7	A
Priz Auto & Truck Repair	31W340 91st St	60564	(630) 851-6900	7	A
Automeister Inc	480 Industrial Dr	60563	(630) 369-9595	6	A
Naperville Auto Care & Emissions	24137 W 111 St Unit E	60564	(630) 428-0111	6	A
Complete Car Repair	801 Frontenac Rd	60563	(630) 420-7750	5	A
Continental Acura of Naperville	2275 Aurora Ave	60540	(630) 960-2100	5	A
Mandrik Auto Repair	10S123 Normantown Rd	60565	(630) 499-1400	5	A
Nelsons Service Inc	670 W 5th Ave Ste 124	60563	(630) 355-4456	5	A
Toyota of Naperville	1515 W Ogden Ave	60540	(630) 357-1578	27	B
Gerald Nissan	1575 W Ogden Ave	60540	(630) 355-3337	24	B
Parkside Marathon	1061 S Washington St	60540	(630) 357-5006	13	B
Maximum Automotive	1580 W Ogden Ave	60540	(630) 357-5525	8	B
Mr Jim's Automotive Services	3S430 N State Route 59	60563	(630) 836-1166	8	B
Fair Oaks Ford Inc	1351 E Ogden Ave	60563	(630) 357-7100	7	B
Bill Jacobs BMW Mini	1564 W Ogden Ave	60540	(630) 357-1200	22	C
Lexus of Naperville	2480 Aurora Ave	60540	(630) 570-7900	22	C
Village Buick Pontiac GMC Inc	1585 W Ogden Ave	60540	(630) 357-2200	17	C
Midas Auto Service Experts	5016 Ace Ln	60564	(630) 922-1320	16	C
Continental Mazda	2363 Aurora Ave	60540	(630) 357-7755	12	C

SUBURBS

Name	Address	Zip	Tel.#	Repairs	Grade
Naperville					
Continental Audi	1527 Aurora Ave	60540	(630) 388-1000	10	C
Multistate Transmission	1580 W Ogden Ave	60540	(630) 983-7444	6	C
Performance Werks Auto Clinic	1608 N Aurora Rd	60563	(630) 369-9985	6	C
Cool Flow Automotive	1340 W Ogden Ave	60563	(630) 355-2001	5	C
Eurotech Service Inc	450 W 5th Ave	60563	(630) 234-4310	5	C
Naperville Exhaust Works	1616 North Aurora Rd	60563	(630) 579-9301	5	C
New Lenox					
DeRe Tire & Auto Inc	430 Nelson Rd	60451	(815) 462-5700	10	A
Performance Automotive Inc	1110 E Lincoln Hwy	60451	(815) 485-5101	7	A
Asia Care	22033 Howell Dr	60451	(815) 485-3077	6	A
Tony's Transmissions	22008 Howell Dr	60451	(815) 485-5501	5	A
Best Buy Tire & Auto Inc	1300 E Haven Ave	60451	(815) 462-8473	10	B
Standon Automotive Electrical	1949 Clearing Ct	60451	(815) 485-1500	8	B
Niles					
Milwaukee & Ballard Shell Inc	9002 N Milwaukee Ave	60714	(847) 297-8807	17	A
Golf Mill Shell	8560 W Golf Rd	60714	(847) 299-2129	10	A
North Shore Motor Works	7420 N Milwaukee Ave	60714	(847) 647-8717	7	A
Car-X Auto Service	8900 N Milwaukee Ave	60714	(847) 635-7000	6	A
Golf Mill Ford Inc	9401 N Milwaukee Ave	60714	(847) 470-9800	12	B
Star Nissan	5757 W Touhy Ave	60714	(847) 647-1555	9	B
North Aurora					
Gerald Nissan Subaru	213 Hansen Blvd	60542	(630) 907-0800	6	A
C & R Specialists	101 S River Rd	60542	(630) 897-5588	5	C
North Chicago					
North Chicago Import Auto	1220 Sheridan Rd	60064	(847) 473-4448	7	A
North Riverside					
26th Street Garage	2600 Des Plaines Ave	60546	(708) 447-6761	5	A
Joe Rizza Ford Inc	2100 Harlem Ave	60546	(708) 442-7000	8	C
Northbrook					
Meineke Car Care Center	3402 N Milwaukee Ave	60062	(847) 298-4933	15	A
North Town Auto Service	1530 Shermer Rd	60062	(847) 498-5011	14	A
Autohaus on Edens Inc	1550 Frontage Rd	60062	(847) 272-7900	6	A
Northbrook Mercedes Toyota Scion	1530 Frontage Rd	60062	(847) 272-0808	12	B
Duxler Complete Auto Care	280 Skokie Blvd	60062	(847) 498-0505	8	B
Calbri Automotive	1855 Techny Rd	60062	(847) 272-7820	7	B
Steve Foley Bentley Cadillac Rolls	200 Skokie Blvd	60062	(847) 564-4090	10	C
Northfield					
Field's BMW	700 W Frontage Rd	60093	(847) 441-5300	20	B
Fields Chrysler Jeep Dodge	670 W Frontage Rd	60093	(847) 446-5100	16	B
Five Star Automotive	1644 Willow Rd	60093	(847) 441-9411	5	C
Northlake					
GTO Muffler & Brakes	22 S Wolf Rd	60164	(708) 562-4321	9	B
JC Complete Auto Repair	120 W Lake St	60164	(708) 492-1100	9	B
Northlake Auto Repair	385 E North Ave	60164	(708) 338-3920	8	C
Northlake Shell Auto Repair	70 E North Ave	60164	(630) 956-0603	5	C
Oak Forest					
Potenzo Auto Repair	15324 S Cicero Ave	60452	(708) 687-9000	18	A
Cars Automotive	5740 W 159th St	60452	(708) 687-7769	14	A
R S Automotive	5135 W 159th St	60452	(708) 687-1100	7	A
B & M Auto Sales	15820 Arroyo Dr	60452	(708) 687-4166	9	C
DeRe Tire & Auto Inc	5209 W 159th St	60452	(708) 687-1082	8	C
Sergio's Body Shop Inc	15330 S Cicero Ave	60452	(708) 535-6869	8	C
Community Mazda	5900 W 159th St	60452	(708) 444-3200	6	C
Oak Lawn					
Interstate Muffler & Automotive	4800 W 111th St	60453	(708) 422-4800	27	A
Spitzer's Service Station	5500 W 95th St	60453	(708) 423-2707	19	A
Paton's Auto Repair Inc	9640 S Cicero Ave	60453	(708) 857-9835	14	A
Meineke Car Care Center	9740 Southwest Hwy	60453	(708) 423-4502	12	A
Spitfire Automotive Inc	10711 S Cicero Ave	60453	(708) 425-2500	11	A

SUBURBS

Name	Address	Zip	Tel.#	Repairs	Grade
Oak Lawn					
Ed Napleton Honda	6701 W 95th St	60453	(708) 430-0011	5	A
Mancari's Chrysler Jeep	4630 W 95th St	60453	(708) 423-0910	31	B
Kelly Nissan	4300 W 95th St	60453	(708) 499-1000	21	B
Oak Lawn Auto Service Inc	5759 W 87th St	60453	(708) 424-2175	7	B
Amerimex	5458 W 95th St	60453	(708) 425-3400	17	C
Hawkinson Ford	6100 W 95th St	60453	(708) 599-6000	12	C
Mike Haggerty Volkswagen	8920 S Cicero Ave	60453	(708) 425-8989	11	C
Firestone Complete Auto Care	10327 S Cicero Ave	60453	(708) 425-2997	6	C
Frank Shirley Cadillac	10125 S Cicero Ave	60453	(708) 636-6600	5	C
Oak Park					
Car-X Auto Service	700 Madison St	60302	(708) 383-8706	32	A
Firestone Complete Auto Care	226 W Lake St	60302	(708) 386-8241	8	A
Russo's Auto Service	945 S Oak Park Ave	60304	(708) 383-9455	7	A
Oak Park Citgo	333 W Lake St	60302	(708) 383-7697	8	B
Orland Hills					
DeRe Tire & Auto Inc	8843 W 159th St	60477	(708) 403-4500	7	A
Orland Park					
Midas Auto Service Experts	14810 S La Grange Rd	60462	(708) 349-1750	25	A
Lexus of Orland Park	8300 W 159th St	60462	(708) 614-8700	9	A
Nagel's Auto Service Inc	13827 Southwest Hwy	60462	(708) 349-7637	19	B
Joe Rizza Porsche Ford of Orland	8100 W 159th St	60462	(708) 403-0300	13	B
Sparks Complete Auto Care	9544 W 159th St	60467	(708) 460-0460	9	B
BMW of Orland Park	8470 W 159th St	60462	(708) 460-4545	8	B
Volkswagen of Orland Park	8920 W 159th St	60462	(708) 428-5000	8	B
A1 Radiator & Auto Repair	9268 W 159th St	60462	(708) 403-5885	7	B
Expert Car Care	15554 S 70th Ct	60462	(708) 328-5714	8	C
Firestone Complete Auto Care	9276 W 159th St	60462	(708) 460-5901	8	C
Orland Park Nissan Inc	8550 W 159th St	60462	(708) 403-1300	6	C
TRS Automotive	13811 Southwest Hwy	60462	(708) 349-2005	6	C
Tuffy Auto Service Center	7900 W 159th St	60462	(708) 444-2966	6	C
NTB	76 Orland Square Dr	60462	(708) 349-2100	5	C
Oswego					
Bartel's Auto Clinic	2015 Wiesbrook Rd	60543	(630) 897-4217	15	A
Louie's Car Care	2771 Route 34	60543	(630) 554-6611	8	A
River View Ford	2200 US Hwy 30	60543	(630) 897-8900	5	A
Shipman's Garage	1951 Wiesbrook Rd	60543	(630) 801-1951	13	B
Harry's Auto	59 Stonehill Rd	60543	(630) 554-8554	5	C
Keith's Car Care	78 Stonehill Rd	60543	(630) 554-8911	5	C
Palatine					
Ernie's Auto Service	609 W Colfax St	60067	(847) 359-1456	30	A
Advanced Auto & Truck Repair	300 W Colfax St	60067	(847) 776-3566	21	A
Top Notch Auto Repair	2105 N Rand Rd	60074	(847) 202-1755	13	A
Discount Muffler Brake & More	620 W Colfax St	60067	(847) 991-3660	12	A
Arlington Lexus in Palatine	1285 E Dundee Rd	60074	(847) 991-0444	10	A
Expert Auto Repair	1410 N Rand Rd	60074	(847) 934-4990	8	A
Merlin 200000 Mile Shop	1450 N Rand Rd	60067	(847) 991-3666	8	A
Accurate Auto Clinic II Inc	2228 N Rand Rd	60074	(847) 934-1330	6	A
Harry's on Rand	20125 N Rand Rd	60074	(847) 358-5266	6	A
Midas Auto Service Experts	847 E Dundee Rd	60074	(847) 359-8990	6	A
Grossinger Chevrolet Inc	151 E Lake Cook Rd	60074	(847) 359-7700	5	A
John & Scott's Automotive Repair	632 W Colfax St Ste 100	60067	(847) 358-0892	5	A
Arlington Toyota	2095 N Rand Rd	60074	(847) 394-5100	15	B
Casey Automotive	138 N Northwest Hwy	60067	(847) 934-6602	15	B
Palatine Shell Service	7 E Palatine Rd	60067	(847) 358-4299	9	C
Rolling Meadows Auto Clinic	850 E Northwest Hwy	60074	(847) 359-1421	6	C
JD Addison Auto Repair	1225 W Northwest Hwy	60067	(847) 363-0898	5	C
Palos Heights					
Fuller's Car Care Inc	11754 Southwest Hwy	60463	(708) 361-1700	12	A
Kallemeyn Auto Rebuilders	12145 S Ridgeland Ave	60463	(708) 597-8040	8	A

SUBURBS

Name	Address	Zip	Tel.#	Repairs	Grade
Palos Hills					
Peter's High Line Automotive	11332 Southwest Hwy	60462	(708) 974-4211	8	A
European Auto Werks	10255 Roberts Rd	60465	(708) 430-4145	18	B
SMS Auto Center	10058 S Robert Rd	60465	(708) 233-9195	11	B
Midas Auto Service Experts	11108 Southwest Hwy	60465	(708) 974-4400	11	C
Park City					
Park City Transmissions	3365 Belvidere Rd	60085	(847) 263-9366	7	B
Park Forest					
Kennedy Auto Repair Inc	55 North St	60466	(708) 747-0882	17	B
Auto Professional	226 Monee Rd Ste 2	60466	(708) 503-9570	9	C
Park Forest Auto Repair & Service Inc	84 S Orchard Dr	60466	(708) 679-1850	6	C
Park Ridge					
Bredemann Toyota	1301 W Dempster St	60068	(847) 698-3700	13	A
Skylark Garage Inc	906 Busse Hwy	60068	(847) 823-8711	11	A
Lind Auto Service	1030 W Touhy Ave	60068	(847) 825-3457	9	A
Talcott Shell Auto Service	900 W Talcott Rd	60068	(847) 692-3344	5	A
Bredemann Chevrolet	1401 W Dempster St	60068	(847) 698-1234	14	B
Napleton Lincoln Mercury	826 W Touhy Ave	60068	(847) 825-0770	9	C
Park Ridge Shell Service	1200 W Touhy Ave	60068	(847) 692-3103	5	C
Plainfield					
Route 59 Auto Repair Inc	24010 W Renwick Rd	60544	(815) 254-9959	31	A
Tuffy Auto Service Center	2031 S Rt 59	60544	(815) 436-1829	24	A
Merlin 200000 Mile Shop	16007 State Route 59 Unit 100	60586	(815) 609-9070	14	A
Douglas Automotive Repair	10138 S Bode Rd Unit A	60544	(630) 904-6300	6	A
Fluid MotorUnion	11965 S Aero Dr	60585	(815) 230-2900	5	A
Our Team Auto & Truck	25449 Ruff St	60585	(630) 922-7307	25	C
Tuffy Auto Service Center	23846 135th St	60544	(815) 436-1337	14	C
Firestone Complete Auto Care	11902 S Route 59 Lot 1A	60585	(815) 609-4087	8	C
Bill Jacobs Chevrolet Plainfield	23205 W Lincoln Hwy	60544	(815) 436-2071	6	C
Bartel's Auto Clinic	13725 S Route 59	60544	(815) 230-5445	5	C
Posen					
The Auto Clinic Muffler Shops	2701 147th St	60469	(708) 371-3850	16	C
A1 Auto Center	14722 S Western Ave	60469	(708) 389-7777	12	C
Prospect Heights					
Dave's Auto Clinic	801 N Elmhurst Rd	60070	(847) 459-7210	16	A
New Horizon Car Care	1210 N Elmhurst Rd	60070	(847) 465-9520	6	C
River Forest					
Lake & Thatcher Auto Repair	8001 Lake St	60305	(708) 366-8000	7	A
Petes Automotive Service Inc	7600 Madison St	60305	(708) 366-1115	18	B
River Grove					
Prime Auto Inc	3114 River Rd	60171	(708) 453-2278	46	A
Mike's Auto Repair	8490 Grand Ave	60171	(708) 452-1313	11	A
All Suburban Auto	2657 N Erie St	60171	(708) 456-8855	8	A
GTO Automotive	8966 Grand Ave	60171	(708) 452-0300	21	C
Riverside					
Riverside Garage Inc	18 East Ave	60546	(708) 447-7221	14	A
Rolling Meadows					
Express Auto Service	3007 Kirchoff Rd	60008	(847) 394-2262	17	A
Romeoville					
Meineke Car Care Center	20712 Gaskin Dr	60446	(815) 838-5890	17	A
Tuffy Auto Service Center	652 N Independence Blvd	60446	(815) 886-5700	10	A
359 Garage LLC	32 E Belmont Dr	60446	(815) 372-3590	9	A
Mickey's Goodyear	49 Naperville Rd	60446	(815) 886-0300	8	B
JM Autoworks	682 Phelps Ave	60446	(815) 372-9782	6	C
Roselle					
Mastertech	611 N Roselle Rd	60172	(630) 351-6900	13	A
Stan's Service	25W241 Lake St	60172	(630) 894-1770	11	A
Roselle Tire & Auto Service	692 Lake St	60172	(630) 893-7444	10	A

SUBURBS

Name	Address	Zip	Tel.#	Repairs	Grade
Roselle					
Auto Tech & Body	399 Central Ave	60172	(630) 529-2677	9	A
P & K Auto Expert Inc	1054 W Lake St	60172	(630) 894-0278	9	A
Roselle Service Center/Union 76	309 E Irving Park Rd	60172	(630) 894-3737	5	A
Elite Auto Works	1048 Lake St	60172	(630) 351-1890	7	B
Ron's Auto Center	25W331 Lake St	60172	(630) 351-5354	6	C
Round Lake					
Pep Boys Auto	818 E Rollins Rd	60073	(847) 548-8711	12	B
Midas Auto Service Experts	1950 Rt 83	60073	(847) 223-3344	6	C
A-Tire County Service	363 N Cedar Lake Rd	60073	(847) 546-7491	5	C
Round Lake Beach					
AK Auto Repair	300 W Rollins Rd	60073	(224) 338-8801	21	A
Pro Autoworks	107 W Rollins Rd	60073	(847) 740-1600	15	A
Merlin 200000 Mile Shop	792 E Rollins Rd	60073	(847) 223-0012	6	A
Dave's Transmission Inc	1316 N Fairfield Rd	60073	(847) 546-0337	7	B
Round Lake Park					
Londono's Auto Inc	119 W Main St	60073	(847) 546-6777	16	B
Saint Charles					
Reber & Foley Service Center	904 E Main St	60174	(630) 584-0440	15	A
Don McCue Chevrolet	2015 E Main St	60174	(630) 584-9700	14	A
Fox River Tire & Supply	20 N 17th St	60174	(630) 584-0655	11	A
Rx Automotive	602 Sidwell Ct Unit H	60174	(630) 443-8500	9	A
Action Auto Clinic	1312 E Main St	60174	(630) 584-2277	7	A
McGrath Honda of St Charles	1411 E Main St	60174	(630) 443-6400	7	A
Kevin's Service Station Inc	201 S Second St	60174	(630) 584-2144	6	A
St Charles Toyota Scion	2651 E Main St	60174	(630) 584-6655	6	A
Al Piemonte Cadillac	1611 E Main St	60174	(630) 513-5353	8	B
Firestone Complete Auto Care	2225 W Main St	60175	(630) 377-2134	8	B
Firestone Complete Auto Care	1645 E Main St	60174	(630) 584-3050	8	B
Discount Tire	430 S 2nd St	60174	(630) 584-1277	8	C
Suburban Tire and Auto Care	1900 Lincoln Hwy	60174	(630) 584-1866	6	C
Autopractor Inc	1820 Production Dr Unit G	60174	(630) 444-1414	5	C
Merlin 200000 Mile Shop	2073 Rt 38	60174	(630) 377-5566	5	C
SS Auto Repair Inc	2010 W Main St	60174	(630) 513-9991	5	C
Schaumburg					
Car Doctor Jr Inc	811 E Morse Ave	60193	(847) 524-0900	166	A
B & G Automotive & Tires	1803 W Wise Rd	60193	(847) 895-4900	39	A
B & B Auto Repair Inc	1110 Lunt Ave	60193	(847) 985-5533	38	A
Express Auto Repair	1801 Mitchell Blvd	60193	(847) 895-9131	30	A
Chino's Automotive	1801 W Wise Rd	60193	(847) 895-9381	23	A
Car Doctor Inc	505 Estes Ave	60193	(847) 524-2812	22	A
J C's Auto & Truck Repair	575 Estes Ave	60193	(847) 352-9449	21	A
AAC Auto Clinic	435 W Wise Rd	60193	(847) 891-8700	19	A
CATS Auto Repair	685 W Wise Rd	60193	(847) 891-8905	17	A
Vermiglio's Auto Service	405 W Golf Rd	60195	(847) 885-7450	12	A
Precision Auto Service Inc	1000 Morse Ave	60193	(847) 301-2771	10	A
M J Auto Service	780 E Schaumburg Rd	60194	(847) 885-1021	8	A
Meineke Car Care Center	811 W Higgins Rd # A	60195	(847) 843-7370	8	A
Car-X Auto Service	423 W Golf Rd	60195	(847) 882-2535	7	A
Ideal Auto Repair	831 W Wise Rd	60193	(847) 895-3333	7	A
Schaumburg Automedics Inc	503 Lunt Ave	60193	(847) 352-2886	7	A
Courtesy Auto & Truck	614 Morse Ave	60193	(847) 352-4466	6	A
Eddies Automotive Service	1036 Morse Ave	60193	(630) 415-7714	6	A
Patrick Volvo	1600 Higgins Rd	60173	(847) 605-4005	6	A
A-1 Schaumburg Auto Service	535 W Wise Rd Ste B	60193	(847) 985-3110	5	A
Brewer Tire & Auto Service	895 W Wise Rd	60193	(847) 985-7700	5	A
D J's Auto Service Inc	495 Estes Ave	60193	(847) 923-0780	5	A
Schaumburg Honda	750 E Golf Rd	60173	(847) 884-6632	21	B
Zeigler Chrysler Jeep Dodge	208 W Golf Rd	60195	(847) 882-8400	21	B
Servicio Automotriz	722 Morse Ave	60193	(847) 791-0183	16	B

SUBURBS

Name	Address	Zip	Tel.#	Repairs	Grade
Schaumburg					
Rolas Auto Repair	533 W Wise Rd	60193	(847) 891-6406	15	B
Lexus of Woodfield	350 E Golf Rd	60173	(847) 882-0200	14	B
Schaumburg Audi	320 W Golf Rd	60193	(847) 843-9900	14	B
Schaumburg Toyota Scion	875 W Golf Rd	60194	(847) 882-1800	13	B
CNS Automotive Inc	2133 Hammond Dr	60173	(847) 397-2252	11	B
Patrick Hyundai	1020 E Golf Rd	60173	(847) 519-9600	10	B
Tanela Auto & Truck Repair	975 W Wise Rd	60193	(847) 301-9944	7	B
Patrick BMW	700 E Golf Rd	60173	(847) 843-4000	17	C
Zeigler Chevrolet	1230 E Golf Rd	60173	(847) 882-2200	13	C
CarMax	250 E Golf Rd	60193	(847) 839-8000	12	C
Larry & Dan's Marathon	121 W Schaumburg Rd	60194	(847) 895-3443	11	C
Patrick Cadillac Saab	526 Mall Dr	60173	(847) 605-4040	10	C
Firestone Complete Auto Care	1755 E Golf Rd	60173	(847) 619-8022	6	C
BK Auto	1100 W Lunt Ave	60193	(847) 301-7749	5	C
Schiller Park					
A J Auto	4918 River Rd	60176	(847) 678-8400	8	A
Katt's Automotive Service	9350 Irving Park Rd	60176	(847) 678-5100	5	A
Village Auto Body & Towing Inc	9344 Byron St	60176	(847) 671-0100	5	A
Shorewood					
Specialty Auto Care	400 NE Frontage Rd	60404	(815) 280-5719	10	A
Ike's Motor Works	18622 Brookforest Ave	60404	(815) 254-1980	5	A
Tyson Motor	1 SW Frontage Rd	60404	(815) 741-5530	8	B
Skokie					
Factory Muffler Complete Auto	7346 N Central Park Ave	60076	(847) 568-9966	51	A
Main & Crawford Auto Repair	8359 Crawford Ave	60076	(847) 676-2566	46	A
McCormick Auto Care Inc	8250 McCormick Blvd	60076	(847) 679-7755	18	A
Skokie Auto Repair	9301 Skokie Blvd	60076	(847) 933-9306	8	A
Mc Kenna Automotive	7401 Saint Louis Ave	60076	(847) 673-7930	7	A
Tolzien Auto Service	7877 Lincoln Ave	60077	(847) 673-2430	7	A
Dave's Automotive	8330 Skokie Blvd	60077	(847) 329-7080	6	A
J & J Auto Repair	8042 Central Park Ave	60076	(224) 521-0055	6	A
Autotronics Computerized Car Care	8025 Skokie Blvd	60077	(847) 679-7770	5	A
Sigler's Auto Center	7501 N Lincoln Ave	60076	(847) 677-6790	17	B
G & G Automotive	4940 Main St	60077	(847) 679-1992	10	B
All Tune & Lube	7008 Carpenter Rd	60077	(847) 329-7008	8	B
Car-X Auto Service	5115 W Dempster St	60077	(847) 677-3850	7	B
MPH Motorsports	3601 Jarvis Ave	60076	(847) 677-8455	10	C
South Chicago Heights					
Brackman & Co	3306 Holeman Ave	60411	(708) 709-0803	12	C
South Elgin					
Johny's Auto Repair Inc	605 Sundown Rd	60177	(847) 608-6735	11	B
La Fox Oil & Lube	660 N La Fox St	60177	(847) 888-9991	7	B
Lose's Auto Service	164 Ross Ave	60177	(847) 742-4250	5	C
South Holland					
Sergio's Auto Repair	16971 S Vincennes Rd	60473	(708) 877-6215	35	C
Meineke Car Care Center	35 E 162nd St	60473	(708) 339-9180	21	C
Stanfa Tire & Auto	16220 Prince Dr	60473	(708) 596-9292	8	C
Steger					
James Herr & Sons Repairing	3204 Louis Sherman Dr	60475	(708) 754-3490	21	B
Steger Auto Center	450 W 34th St	60475	(708) 754-0292	5	C
Stone Park					
SOS Transmissions Company Inc	1522 N Mannheim Rd	60165	(708) 344-1760	10	A
Quick Stop of Stone Park	1837 N Mannheim Rd	60165	(708) 343-0130	11	C
Streamwood					
AW Auto Repair	1540 Burgundy Pkwy	60107	(630) 289-0020	26	A
Casey Automotive	44 N Barrington Rd	60107	(630) 213-8600	26	A
Tamazula Towing & Road Services Inc	2001 Park Ave	60107	(630) 479-2869	19	A
Burd's Auto Bays	16 N Barrington Rd	60107	(630) 372-2577	18	A
Lords Autocare Service	265 E Irving Park Rd	60107	(630) 837-7676	14	A

SUBURBS

Name	Address	Zip	Tel.#	Repairs	Grade
Streamwood					
Ugene's Auto Service	1550 Brandy Pkwy	60107	(630) 289-9696	9	A
Williams Service Center	10 W Streamwood Blvd	60107	(630) 837-9214	7	A
Jim Hutton Auto	1541B Burgundy Pkwy	60107	(630) 347-4299	5	A
Pep Boys Auto	160 N Barrington Rd	60107	(630) 830-6442	15	B
Barrington Automotive Inc	1539 Burgundy Pkwy	60107	(630) 372-9948	5	C
Summit					
Airway Muffler	6158 S Harlem Ave	60501	(708) 594-2030	6	A
Solid Auto Service Inc	5418 S Harlem Ave	60501	(708) 594-2900	12	C
Summit Argo					
Davila Auto Service Inc	6200 S Archer Rd	60501	(708) 458-1009	18	B
Tinley Park					
Herman's Auto Services	7250 Duvan Dr	60477	(708) 429-0990	13	A
Orland Toyota Scion	8505 W 159th St	60477	(708) 429-3900	5	A
Apple Chevrolet	8585 W 159th St	60477	(708) 429-3000	20	B
Midas Auto Service Experts	7011 W 159th St	60477	(708) 614-1600	9	B
CarMax	18800 Oak Park Ave	60477	(708) 444-0400	13	C
Family Hyundai	8101 W 159th St	60477	(708) 444-7100	10	C
VIP Tire Goodyear	7121 W 171st St	60477	(708) 614-1700	5	C
Vernon Hills					
Star Auto Authority	600 Lakeview Pkwy	60061	(847) 816-0011	14	A
Villa Park					
A to Z Auto	442 W St Charles Rd	60181	(630) 279-4114	26	A
Merlin 200000 Mile Shop	8 W North Ave	60181	(630) 833-5130	24	A
Jesse's Auto Repair	335 W Stone Rd Unit B	60181	(630) 758-1177	17	A
M & L Imports	187 E North Ave	60181	(630) 379-0061	16	A
Lupe's Auto Repair	132 W Home Ave	60181	(630) 673-4864	9	A
Soooper Lube	6 W St Charles Rd	60181	(630) 834-0620	9	A
Car-X Auto Service	361 E North Ave	60181	(630) 279-7575	6	A
Gonzalez Auto Repair	736 N Yale Ave	60181	(630) 279-3727	5	A
Atomic Transmissions	100 E North Ave	60181	(630) 832-1034	7	B
G Automotive	300 W Stone Rd	60181	(630) 833-5514	7	B
Tylers Auto	744 N Yale St	60181	(630) 279-7755	7	B
Megan Auto Works Inc	739 N Yale Ave	60181	(630) 832-7955	9	C
Castle Chevrolet	400 E Roosevelt Rd	60181	(630) 279-5200	8	C
Haggerty Pontiac GMC	300 W Roosevelt Rd	60181	(630) 279-2000	6	C
Wadsworth					
Wayne Dukas Automotive Inc	41490 US Highway 41	60083	(847) 838-2400	5	A
Warrenville					
Warrenville Car Clinic Inc	29W573 Batavia Rd	60555	(630) 393-9493	8	A
Voegtle Auto Service	28W224 Warrenville Rd	60555	(630) 393-1436	19	B
Wauconda					
Lamp Automotive Inc	390 W Liberty St	60084	(847) 526-6776	12	A
Boehmer Chevrolet	416 W Liberty St	60084	(847) 526-2424	8	A
Hardtimes General Repair	398 W Liberty St	60084	(847) 526-3911	7	B
John's Automotive Repair	221 S Main St	60084	(847) 526-7250	5	C
Waukegan					
Bob's Garage	35770 N Green Bay Rd	60085	(847) 662-2555	146	A
Velasquez Mufflers for Less	125 S Green Bay Rd	60085	(847) 263-9310	60	A
Ace's Transmission & More	2929 Sunset Ave	60087	(847) 599-1514	47	A
Hi Tech Auto Service	1211 Glen Rock Ave	60085	(847) 599-9566	25	A
Belvidere Muffler & Brakes	1700 Belvidere Rd	60085	(847) 360-0775	18	A
Pepe's Muffler Shop	302 10th St	60085	(847) 263-6008	18	A
Car-X Auto Service	119 S Green Bay Rd	60085	(847) 336-2324	16	A
R & J Auto	1750 14th St	60085	(224) 241-5437	16	A
San Jose Auto Service	1535 Belvidere St	60085	(847) 244-5060	16	A
Bardales Auto Repair	521 Elmwood Ave	60085	(847) 625-1455	14	A
Emilio's Auto Repair	1210 W Dugdale Rd	60085	(847) 599-1692	14	A
Ripley Automotive	325 S Green Bay Rd	60085	(847) 244-9560	14	A

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Waukegan					
Pro Auto Tech	1325 Belvidere Rd	60085	(847) 782-5833	9	A
Don's Automotive	1018 Belvidere St	60085	(847) 336-9440	8	A
Bernas Auto Repair	912 10th St	60085	(847) 360-9048	6	A
Winner Tire	3125 Grand Ave	60085	(847) 623-6710	6	A
Delf's Garage	1521 Belvidere Rd	60085	(847) 623-1492	5	A
Dick Strang Automotive Inc	1212 Golf Rd	60087	(847) 623-9609	5	A
JR Automax	3375 W Grand Ave	60085	(224) 772-9787	5	A
Northern Automotive Service Center	3001 Sunset Ave	60085	(847) 623-6875	5	A
Morelos Auto Repair	2919 Sunset Ave	60087	(847) 263-1899	33	B
Balazo Auto Repair	903 Belvidere Rd	60085	(847) 625-4255	28	B
Sunset Automotive	3211 Sunset Ave	60087	(847) 599-9000	25	B
Merlin 20000 Mile Shop	2108 N Lewis Ave	60087	(847) 662-1445	22	B
Manuel Auto Repair	917 S Martin Luther King Ave	60085	(847) 249-0903	16	B
Roberto's Auto Service Inc	1608 Washington St	60085	(847) 662-3080	16	B
Angel's Auto Repair & Towing	1119 Belvidere St	60085	(847) 623-3551	14	B
Carlos Service Center	940 S Jackson St	60085	(847) 249-2520	12	B
Classic Chevrolet Toyota Scion	425 N Green Bay Rd	60085	(847) 336-4300	12	B
Uribe & Sons Muffler	2833 Sunset Ave	60087	(847) 599-5400	10	B
Fausto's Auto Repair	1712 Belvidere Rd	60085	(847) 336-9616	9	B
Wenzel Automotive Service	2503 Washington St	60085	(847) 336-7760	7	B
Dante's Automotive Repair	1550 Grand Ave	60085	(847) 672-4523	17	C
Greenwood Automotive Inc	704 W Greenwood Ave	60087	(847) 336-0882	17	C
Midas Auto Service Experts	501 S Green Bay Rd	60085	(847) 623-4443	6	C
Northside Auto Service	1300 N Jackson St	60087	(847) 672-8069	6	C
Tona Auto Repair	1120 Washington St	60085	(847) 263-8148	6	C
Garcia Auto Repair	715 Belvidere Rd	60085	(847) 623-5755	5	C
Redline Motor Repair	64 Noll St	60085	(847) 782-0351	5	C
West Chicago					
Midas Auto Service Experts	130 W Roosevelt Rd	60185	(630) 876-9466	22	A
T S Specialties	521 W Washington St	60185	(630) 293-1560	15	A
Krage's Tire Centers/Goodyear	120 E Roosevelt Rd	60185	(630) 231-7677	12	A
Fox Valley Volkswagen	560 North Ave	60133	(630) 231-9900	6	A
Haggerty Ford	601 W Roosevelt Rd	60185	(630) 231-3200	5	A
A Alfaro's Auto Services	303 Wilson Ave	60185	(630) 293-4466	14	B
Triple J Tire & Auto Repair	1821 Fabyan Pkwy	60185	(630) 742-9055	7	B
C & A Auto Repair	133 N Aurora St Unit C	60185	(630) 231-1701	29	C
Frank's Automotive	305 Main St	60185	(630) 293-1484	10	C
Westchester					
Midas Auto Service Experts	11105 W Roosevelt Rd	60154	(708) 562-1908	13	B
Westchester Auto Repair Inc	10129 W Roosevelt Rd	60154	(708) 865-0103	11	B
George's Auto Service	1835 S Mannheim Rd	60154	(708) 865-9080	21	C
Meineke Car Care Center	10139 W Roosevelt Rd	60154	(708) 865-0805	8	C
Western Springs					
J Benak Service	701 Burlington Ave	60558	(708) 246-4813	9	A
Wally's Garage	706 Hillgrove Ave	60558	(708) 246-3040	6	C
Westmont					
Meineke Car Care Center	6135 S Cass Ave	60559	(630) 969-9330	36	A
Village Automotive	38 W Naperville Rd	60559	(630) 241-0404	24	A
Cars Plus Tire & Auto Svc Center	27 W 63rd St	60559	(630) 969-5729	7	A
Westmont Automotive Inc	119 E Chicago Ave	60559	(630) 968-1398	6	A
Gene's Tire Service	280 W 63rd St	60559	(630) 852-5998	5	A
Lamborghini Chicago Inc	209 E Ogden Ave	60559	(630) 654-9000	5	A
McGrath Acura of Westmont	400 E Ogden Ave	60558	(630) 323-8200	5	A
McGrath Lexus	500 E Ogden Ave	60559	(630) 323-5600	23	B
Oakbrook Toyota in Westmont	550 E Ogden Ave	60559	(630) 789-9600	12	B
Real Auto Haus	6145 S Cass Ave	60559	(630) 241-7220	12	B
Westmont Shell	2 E 63rd St	60559	(630) 852-6100	9	B
Laurel Audi of Westmont	276 E Ogden Ave	60559	(630) 655-6700	7	B
Midas Auto Service Experts	401 W Ogden Ave	60559	(630) 964-8915	10	C
Laurel Mercedes-Benz of Westmont	200 E Ogden Ave	60559	(630) 654-8100	6	C

SUBURBS

Name	Address	Zip	Tel.#	Repairs	Grade
Wheaton					
Renberg Garage	310 W Liberty Dr	60187	(630) 668-0113	18	A
TJ Auto Repair	601 S Carlton St	60187	(630) 668-8686	17	A
DuPage Dodge Chrysler Jeep	800 E Roosevelt Rd	60187	(630) 653-4060	6	A
Scott's Service Place	110 Bridge St	60187	(630) 682-9760	6	A
J & C Central 76	420 S Main St	60187	(630) 665-1055	5	A
Don's Auto Aid	1800 E Roosevelt Rd	60187	(630) 668-3711	10	B
G F Auto Repair	1803 N Main St	60187	(630) 628-1909	9	B
Carlton Auto Repair	519 S Carlton St	60187	(630) 668-4141	7	B
Firestone Complete Auto Care	301 W Butterfield Rd	60187	(630) 682-5050	7	B
Brown & Klein Auto Repair Services	106 E Willow Ave	60187	(630) 668-0881	10	C
Wheeling					
Whips Automotive Inc	90 McHenry Rd	60090	(847) 808-1900	48	A
Tahoe Automotive	1798 W Hintz Rd	60090	(847) 394-3030	23	A
Check Point Tire Center	723 W Dundee Rd	60090	(847) 541-2122	13	A
Korba Auto Center	1044 S Milwaukee Ave	60090	(847) 465-2999	12	A
Gator Transmissions	100 McHenry Rd	60090	(847) 808-1010	7	A
A & L Auto Repair	240 Industrial Ln #6-7	60090	(224) 489-6133	5	A
Car-X Auto Service	548 N Milwaukee Ave	60090	(847) 520-4944	9	B
JC Auto Repair	240 E Industrial Ln #8	60090	(847) 341-4992	8	B
Leo's and Jo's Auto Repair	301 1/2 Industrial Ln	60090	(847) 279-1601	20	C
Hi Tech Car and Truck Repair	890 S Milwaukee Ave	60090	(847) 808-9544	13	C
Speedy Auto Service	240 Industrial Ln Ste 9	60090	(847) 808-5757	5	C
Wildwood					
Andresen Automotive	33285 N US Highway 45	60030	(847) 752-2234	7	A
Willow Springs					
Sandi Auto & Truck Repair	8475 Corcoran Rd	60480	(708) 839-1515	8	C
Willowbrook					
Willowbrook Ford Kia	7301 S Kingery Hwy	60521	(630) 986-5000	15	B
Wilmette					
Advanced Auto Clinic Inc	3600 Lake Ave	60091	(847) 256-2700	25	A
Duxler Complete Auto Care	514 4th Ave	60091	(847) 251-3888	10	A
Shawnee Service Center	332 Linden Ave	60091	(847) 251-1234	10	A
Hong Kong Auto Service	3500 Lake Ave	60091	(847) 251-0300	9	A
Wilmette Automobile Repair	491 Skokie Blvd	60091	(847) 256-4800	17	C
Wilmette Auto Care	803 Green Bay Rd	60091	(847) 256-7766	6	C
Wood Dale					
Wood Dale Marathon	342 W Irving Park Rd	60191	(630) 766-4504	9	A
C & K Auto Clinic	960 Sivert Dr # H	60191	(630) 238-1395	8	A
C & M Auto Repair	372 E Irving Park Rd	60191	(630) 422-7446	7	A
Mike's Auto & Light Truck Repair	329 E Potter St	60191	(630) 766-5446	6	A
Woodridge					
Woodridge Marathon	7500 Janes Ave	60517	(630) 910-4707	7	B
Pinnacle Automotive	6809 Hobson Valley Dr #115	60517	(630) 512-0516	16	C
Worth					
Brake-Tec Inc	7348 Southwest Hwy	60482	(708) 448-8100	12	A
C P Auto Center	11101 S Harlem Ave	60482	(708) 448-6828	12	B
Wentworth Tire	6465 W 111th St	60482	(708) 361-6060	8	B
High Speed Auto Repair	6475 W 111th St	60482	(708) 671-1557	5	C
Zion					
Ernie's Auto Service	2804 Deborah Ave	60099	(847) 746-5861	16	A
Dukas Auto Repair	2225 Lewis Ave	60099	(847) 872-3333	15	A
Martinez Auto Repair	2041 Gideon Ave	60099	(847) 746-1337	10	A
Northwest Automotive	2421 20th St	60099	(847) 872-2211	8	A
Frank's Auto Center	2175 Sheridan Rd	60099	(847) 746-8416	7	B

METRO-EAST ST. LOUIS AREA MAP



*For more information, or to locate a
Repair Shop on our website
visit www.IllinoisAirTeam.com*

METRO-EAST ST. LOUIS AREA

Name	Address	Zip	Tel.#	Repairs	Grade
Alton					
Bristow's Emissions & Auto Repair	3416 College Ave	62002	(618) 465-8957	50	A
Steve's Service	4101 Alby St	62002	(618) 462-8301	7	A
Maher's Auto & Truck Service Inc	1015 Belle St	62002	(618) 465-2181	6	A
Mick's Auto Repair	2707 Tulane St	62002	(618) 465-5225	6	A
Alton Toyota Scion	850 Homer Adams Pkwy	62002	(618) 208-2400	5	A
Ursch Automotive	2418 State St # A	62002	(618) 433-9433	5	A
Midas Auto Service Experts	2805 Homer Adams Pkwy	62002	(618) 465-4664	13	B
Roberts Motors Inc	4350 Alby St	62002	(618) 466-7220	7	B
Meineke Car Care Center	2701 Washington Ave	62002	(618) 465-2411	6	C
Stutz Service Inc	910 Milton Rd	62002	(618) 462-2270	6	C
Belleville					
Bertco Automotive	609 S Belt W	62220	(618) 222-9950	21	A
Stein Automotive Inc	1215 W Main St	62220	(618) 233-8786	18	A
Car Tech Automotive Inc	935 S Belt W # B	62220	(618) 234-8313	14	A
Kraus Automotive	915 S Belt W	62220	(618) 222-5982	8	A
Rowan Tire	1801 S Belt W	62220	(618) 233-7095	8	A
Patterson Automotive	815 N Delaware Ave	62221	(618) 234-9799	7	A
D & M Automotive Service	7000 Old Saint Louis Rd	62223	(618) 310-1560	6	A
Ross Automotive	1826 Raab Ave	62226	(618) 234-1176	6	A
Friederich's Auto Radiator	523 S High St	62220	(618) 277-5954	8	B
Tish's Auto Service	7923 Ruck Dr	62223	(618) 398-2822	8	B
Campbell's Automotive Inc	911 S Belt W	62220	(618) 277-5881	11	C
Bethalto					
Helmkamp Auto Service Inc	405 W Bethalto Dr	62010	(618) 377-6821	5	A
Prairie Street Auto	507 N Prairie St	62010	(618) 377-4672	5	A
Doug Cason Automotive Repair	605 Kansas St	62010	(618) 377-9263	5	C
Cahokia					
RTM Automotive	3807 Mississippi Ave	62206	(618) 337-7931	12	B
Cahokia Discount Mufflers	2804 Camp Jackson Rd	62206	(618) 337-4314	10	B
Dobbs Tire & Auto Centers	1300 Camp Jackson Rd	62206	(618) 332-6800	7	B
Bill's Auto Repair	3339 Camp Jackson Rd	62206	(618) 337-8087	6	C
Caseyville					
K & J Auto	1845 Black Ln	62232	(618) 398-7026	12	C
Collinsville					
Buzz's Automotive Service	433 Vandalia St	62234	(618) 344-7122	13	A
Automotive Resource	4801 Horseshoe Lake Rd	62234	(618) 931-6170	7	A
Mike's Automotive	1150 St Louis Rd	62234	(618) 345-0611	20	B
Jim's Auto Repair	561 W Country Ln	62234	(618) 345-1392	5	C
Korte Automotive LLC	6755 Lebanon Rd	62234	(618) 343-1222	5	C
Columbia					
T & M Automotive	1439 N Evergreen Ln	62236	(618) 281-9595	10	A
Royal Gate Dodge	500 Admiral Weinel Blvd	62236	(618) 281-3000	5	A
Schlemmer Automotive Inc	305 N Main St	62236	(618) 281-5900	10	B
Cottage Hills					
R & M Automotive	24 Neunaber St	62018	(618) 258-8469	11	A
East Alton					
Rob's Discount Muffler	639 E Airline Dr	62024	(618) 259-3244	31	A
Premier Automotive	100 E St Louis Ave	62024	(618) 254-0224	9	C
East Saint Louis					
Meineke Car Care Center	702 Martin Luther King Dr	62201	(618) 874-3920	30	A
Shelby's Auto Repair Inc	5335 State St	62203	(618) 398-1750	18	A
Gary's Auto	1804 Martin Luther King Dr	62205	(618) 670-8787	7	A
B & E Auto Repair	6100 Collinsville Rd	62201	(618) 875-0146	5	A
Edwardsville					
LRE Automotive	103 Seminole St	62025	(618) 656-4640	28	A
Dobbs Tire and Auto Centers	2466 Troy Rd	62025	(618) 659-1499	18	A
Johnson Auto Repair	6656 Route 140	62025	(618) 692-9675	9	A
Mark Muffler Shop Inc	139 St Andrews Ave	62025	(618) 692-0700	5	A

METRO-EAST ST. LOUIS AREA

Name	Address	Zip	Tel.#	Repairs	Grade
Edwardsville					
Jack Minner's Auto Repair	601 N Main St	62025	(618) 656-5362	12	C
Fairview Heights					
Mark II Tune-up	10505 Lincoln Trl	62208	(618) 398-1636	32	A
Dobbs Tire & Auto Centers	50 Lincoln Hwy	62208	(618) 628-1166	15	A
Car-X Auto Service	5409 N Rt 159	62208	(618) 236-1710	14	B
Old School Custom Exhaust & Brake	10085 Lincoln Trail	62208	(618) 398-8786	20	C
AAMCO Transmissions	5609 N Illinois St	62208	(618) 222-2626	5	C
Dan's Automotive	5605 N Illinois St	62200	(618) 235-0994	5	C
Glen Carbon					
Cassen's Dodge Chrysler Jeep	3333 S State Route 159	62034	(618) 656-6070	6	A
Midas Auto Service Experts	3903 S State Route 159	62034	(618) 288-1900	9	C
Granite City					
Tom's Auto Repair	4012 North St	62040	(618) 797-7812	28	A
Meineke Car Care Center	2250 Madison Ave	62040	(618) 876-0521	9	A
O'Brien Tire	3924 Nameoki Rd	62040	(618) 876-7616	9	A
Percell Tire	2248 Madison Ave	62040	(618) 877-1572	5	A
Barney's Brake & Wheel Algnmnt	2311 Madison Ave	62040	(618) 452-1312	24	B
O'Fallon					
Simons Service LLC	1801 W Hwy 50	62269	(618) 622-1314	6	A
Jack Schmitt Chevrolet of O'Fallon	127 Regency Park Dr	62269	(618) 628-2500	6	C
Pontoon Beach					
Chuck's Car Care	4007 Pontoon Rd	62040	(618) 931-2064	23	A
BG Automotive	4140 Pontoon Rd	62040	(618) 797-3330	10	B
Shiloh					
Dobbs Tire & Auto Center	4200 Green Mount Crossing Dr	62269	(618) 622-9810	11	A
Swansea					
Ray's Auto Repair	1421 N Illinois St	62226	(618) 233-7951	18	A
Dobbs Tire & Auto Centers	1206 N Belt W	62226	(618) 234-3513	15	A
Troy					
ADR Auto & Truck Repair	818 Lions Dr	62294	(618) 667-7776	5	A
Waterloo					
Dobbs Tire & Auto	1537 N Illinois Route 3	62298	(618) 939-6050	5	A
Wood River					
Pro Automotive Services	1095 E Edwardsville Rd	62095	(618) 259-8300	17	A
Federico Chrysler Dodge	1875 E Edwardsville Rd	62095	(618) 254-1000	7	A
Jack Schmitt Chevrolet	1401 Vaughn Rd	62095	(618) 259-4900	10	B
Brown Tire and Auto	101 E Ferguson Ave	62095	(618) 251-5200	9	C

OUT-OF-STATE

Shop Name	Address	Zip	Tel.#	Repairs	Grade
Dyer, IN					
Asc II Inc	14702 101st Ave	46311	(219) 558-2870	6	A
Gary, IN					
Velasquez Mufflers & Brakes	5201 Broadway	46410	(219) 980-3393	5	A
Hammond, IN					
Jalisco Auto Repair	3901 S Hohman Ave	46327	(219) 933-9773	8	B
Whiting, IN					
Car-X Auto Service	1337 Calumet Ave	46394	(219) 659-7610	6	A

ASE

The National Institute for Automotive Service Excellence (ASE) tests technicians on their knowledge of vehicle diagnosis and repair.



Many shops display ASE signs and employ technicians who are ASE certified. Certificates are awarded in the following categories of demonstrated competence:

- Engine repair
- Automatic transmission/transaxle
- Electrical/electronic systems
- Heating and air conditioning
- Manual drive train and axles
- Brakes
- Suspension and steering
- Engine performance
- Advanced engine performance

ASE certifications that apply to emissions failures are:

- electrical/electronic systems (code A6)
- engine performance (code A8)
- advanced engine performance (code L1)

Further information is available on the ASE website at www.asecert.org.

ASA

The Automotive Service Association



(ASA) is a national association of automotive service facilities. The basic philosophy of ASA is:

- to improve the automotive service industry by committing to high quality repairs at a fair price
- to offer customers a price estimate for all work to be performed
- to employ highly-skilled technicians
- to uphold a high professional standard and seek to correct abuses within the industry.

ASA members receive ongoing information, such as service bulletins, legislative

updates, and environmental information. Members display the red, white and blue ASA logo. Further information is available on the ASA website at www.asashop.org, or by phone at 877-272-4563.

AASP

The Alliance of Automotive Service Providers (AASP) is



a national association representing the automotive service industry in the United States. AASP affiliates represent over 7,000 mechanical and collision repair shops nationwide. AASP works to strengthen its state and regional affiliates by:

- Promoting common business interests
- Forging strategic alliances
- Monitoring federal legislation and regulations

Further information is available on the AASP website at www.autoserviceproviders.com, or by phone at 651-290-6267.

On-Board Diagnostics

On-Board Diagnostics - Generation II (OBD) is a complex computer system installed on 1996 and newer cars and light trucks, and 2008 and newer heavy duty vehicles. This system is an early warning of potentially high emissions.

How is the driver notified of a problem?

The driver is notified when a special lamp on the dash called a Malfunction Indicator Lamp (MIL) comes on. This light is reserved for emissions control and monitoring systems only. The MIL is turned on when OBD finds a problem that could cause emissions to exceed federal standards.

Which light is the MIL?

Automobiles use a variety of warning lamps to notify drivers of different conditions. However, in the case of the emissions MIL, either the phrase "Service Engine Soon," or "Check

Engine,” is used, as in the following examples:



Or, a standard symbol can be as in this example:



What does it mean if the MIL is on?

OBD turns the MIL on when it finds a condition that may cause high engine or evaporative emissions. In some cases, it means that immediate service is needed to prevent expensive damage and high emissions.

How is this test performed?

When a vehicle is brought into the emissions station test lane, a connector is attached to its OBD system, and the test computer looks for problems that have been identified by the OBD system.

What is checked when the OBD test is performed?

The OBD system checks for any Diagnostic Trouble Codes (DTC) that may have illuminated the MIL and the status of Readiness Monitors.

What are the OBD test results used for?

The results of the OBD test helps repair technicians to diagnose and repair the vehicle's emissions systems. The results usually do not indicate the exact fix or component failure but instead, direct the technician to the probable area of concern.

What are Diagnostic Trouble Codes?

Diagnostic Trouble Codes (DTC) indicate which system or component might be causing the problem. Even though this is helpful to the repair technician, diagnostic time charges will generally be needed to isolate the

problem and identify the proper repair.

Are OBD related repairs covered by warranty?

Federal law requires that the emission control systems on 1995 and later model year vehicles be warranted for 2 years or 24,000 miles. Many automakers provide extended warranty coverage beyond what is currently required by federal law.

Federal law also requires that the onboard computer and the catalytic converter on 1995 and later model year vehicles be warranted for 8 years or 80,000 miles. Check with your repair facility, dealership or manufacturer for complete coverage.

System Readiness Monitors

System readiness monitors are part of a vehicle's on-board computer. These monitors test the OBD system and find problems.

When monitor test sequences are performed and no problems are found, each monitor will be set to a "ready" status.

If the test sequences are not performed, a monitor will be in a "not ready" status and may cause a reject at a testing station.

In most cases, vehicles perform readiness checks during normal driving. Your owner's manual may also contain helpful information on preparing your OBD equipped vehicle for an emissions test. However, when readiness monitors do not set to "ready", it is very possible that something is preventing the computer from monitoring the emissions control system and the problem needs to be diagnosed and repaired by a qualified repair technician.

Frequently Asked Questions

If your vehicle did not pass the Illinois vehicle emissions test, it needs to be repaired and retested. These are some of the questions most frequently asked by owners. If you have any questions not listed here, please speak to a customer service representative at any full service station or your repair shop.

Why did my vehicle fail the emissions test?

Your vehicle failed for one or more of the following reasons:

- The check engine light has been illuminated and Diagnostic Trouble Codes are present indicating a potential problem with the OBD system that could result in excessive emissions.
- Your vehicle was unable to transmit necessary information to our OBD testing equipment.

Specific details for your test are printed on the Vehicle Inspection Report.

I maintain my car and it is running fine, so why did it fail the test?

Generally, emission-control devices have little impact on the driveability of a vehicle. Your vehicle may appear to be operating fine but have an emissions system failure. Even the best maintained vehicle might experience these types of failures.

Do I have to use a repair shop listed in this Report Card?

No, but this Report Card is an informational source that helps motorists to select a repair shop that has been successful at diagnosing and repairing emissions related problems.

Why is a “pre-existing condition” a concern?

Vehicles are expected to perform as designed during the emissions test. If a vehicle has symptoms suggesting a problem, operating the vehicle could cause further damage and/or interfere with the emissions test. A pre-existing condition could also cause a part to fail during the test due to age, wear, neglect or previous damage. Care is taken to avoid problems during the test, but motorists are ultimately responsible for the condition and normal operation of their vehicles. Vehicles that cannot be operated safely during an emissions test are probably not safe to operate on the road. If you are in doubt

about the condition of your vehicle, you should consider consulting a repair technician before an emissions test.

Why can't a test station tell me what's wrong with my vehicle?

The test results provided to the lane inspectors do not provide diagnostic information. Diagnostic work must be completed by a qualified repair technician to determine why the vehicle did not pass the emissions test.

What is a waiver?

A vehicle may qualify for a waiver for the current test period if it has failed at least two tests and fulfills all waiver requirements listed on the Repair Data Form. Very few vehicles qualify for waivers. With proper diagnosis and repair, most vehicles will pass a retest before qualifying for a waiver.

Where do I take my vehicle to be repaired and how can this Report Card help me select a repair shop?

Although you are not required to do so, it is strongly recommended you consider having the vehicle repaired by a shop that has a proven track record in diagnosing and repairing emissions related problems. This report can be used to assist in the selection of a repair facility. It contains the business name, address and telephone number of shops that have performed five or more emissions repairs over a recent six-month period. It indicates the number of repairs and a Grade.

Can I do my own repairs?

Yes, but today's modern computer-controlled vehicles present unique challenges to the automotive repair industry. Emissions generally require a higher degree of training and expertise to diagnose and repair — even for veteran technicians. The typical vehicle owner could experience considerable difficulty finding and repairing the problem(s). It is also important to remember that repairs must be made by a recognized repair technician to count towards a waiver.

Why does my repair shop charge for diagnostic work when I received a “Vehicle Inspection Report” at the emissions station?

The Vehicle Inspection Report gives your technician the emissions test results for your vehicle. The technician can use this information to help diagnose a problem(s) that caused the vehicle to fail the test. The report does not identify what component(s) or system is causing the problem. While this information is helpful to your technician, it cannot pinpoint the actual repairs that must be made. The technician uses this information, training and experience, and a variety of diagnostic equipment to determine what repairs will be needed.

I had repairs made to my vehicle, what do I do now?

Have the shop that performed the repair complete the “Repair Data Form.” Then take your vehicle to a test station for another test. Be sure to bring the completed “Repair Data Form” and all receipts for the emissions related repairs that were performed. Please note, if the shop submits the completed “Repair Data Form” electronically, you will not be required to provide this for your retest.

Do I have to go into the office before I have my vehicle retested?

Not unless your vehicle failed or was rejected for OBD readiness for three or more tests. After three or more tests, a visual inspection of the vehicle and review of repair receipts are required before another test can be performed.

What if I can’t afford to have my vehicle repaired right now?

You can apply for an Economic Hardship Extension, which gives you more time to get your vehicle fixed so it can pass the test or receive a waiver. You must qualify for the extension by meeting certain requirements listed on the economic hardship extension application form that is available at any full service stations or call the Illinois EPA at 217/785-7449. The economic hardship

extension application is also available on the Illinois EPA website at www.IllinoisAirTeam.com

Is there any consumer protection available in Illinois?

Illinois law requires repair shops to make specific disclosures to consumers and prohibits certain unlawful practices. For additional information you may contact the Illinois Attorney General’s office at 312-814-3000 or 800-386-5438 in Chicago, or 618-529-6400 or 800-243-0607 in the Metro East St. Louis area.

Why Vehicles are Rejected

Vehicles can be rejected from the test lanes for a variety of reasons. Generally, there is a problem with the vehicle that prevented a safe and proper emissions test. Some of the reasons vehicles are rejected are as follows:

OBD monitor status (most common)

Vehicles that do not have a sufficient number of monitors set to “ready” are rejected because the OBD system has not evaluated enough of the emissions systems on that specific vehicle to ensure a valid test. See the section entitled “On-Board Diagnostics” for further information about OBD systems, readiness, and setting monitors.

OBD catalyst monitor status

Vehicles that fail an OBD test with Diagnostic Trouble Codes for problems with catalyst efficiency are rejected if they return for a retest and the catalyst monitor is “NOT READY.” In these cases, the catalyst monitor must be “READY” at the time of any retest. See the section entitled “Understanding On-Board Diagnostics” for further information about OBD systems, readiness, and setting monitors.

Fluid leaks

Vehicles that actively leak more than a few drops of fluids during a pretest inspection of the vehicle are rejected because they pose significant safety concerns. Fluid leaks

may indicate a preexisting condition, pose a risk of further damage, and can even pose a fire threat.

Overheating

Vehicles producing steam under the hood, or showing HOT on a temperature gauge/warning light, or are actively leaking coolant are rejected because they pose safety concerns. Overheating may indicate a pre-existing condition, pose a risk of further damage, and can even pose a fire threat.

Incomplete repair data

Vehicles are rejected for a re-test when the Repair Data Form is not completed. Complete repair data is required in order to perform a retest.

Damaged driver's door

Vehicles are rejected if the driver's door will not open. Such a condition jeopardizes the safety of the inspector during the test process.

Damaged steering column

Vehicles are rejected if they cannot be shifted or started in a normal fashion. Such a condition jeopardizes the safety of the inspector during the test process.

Missing VIN

Vehicles are rejected if the vehicle identification number cannot be located on the vehicle. These vehicles cannot be tested because inspectors cannot verify that they are testing the correct vehicle.

Vehicle stalled

Vehicles are rejected that will not start in the test lane. The vehicle must be turned off during certain parts of the test. If they do not re-start, the test cannot be completed.

Host computer offline

Vehicles are rejected when the emissions test station host computer system is down, unless the motorist provides an acceptable source document, such as a vehicle emissions test notice. It is recommended that motorists always bring their test notice to the station, even though it is rarely needed.

Too early

Vehicles that are not eligible for a test

are rejected. This usually occurs when a vehicle is brought in for a test before it has been assigned a test month.

Vehicle exceeded three-test limit

After a vehicle has failed and/or been rejected from three tests, no further tests will be granted unless the motorist provides credible evidence that appropriate repairs have been completed since the last test. These repairs would have to indicate that the vehicle may pass another test, and a visual inspection may be performed to ensure that all required emission-related components are present on the vehicle.

Noise

Vehicles are rejected for abnormal engine or drive train noises that may indicate significant mechanical problems exist. These vehicles cannot be tested for safety reasons and to prevent further damage to the vehicle.

Blocked Diagnostic Link Connector

Vehicles are rejected for aftermarket devices that obstruct the diagnostic link connector and prevent inspectors at testing stations from performing the OBD test. If this occurs, please have the obstruction removed prior to returning for a retest.

Voluntary Test

For a \$20 fee, any gasoline-powered vehicle can receive a voluntary emissions test.

This service may be used by anyone. For example:

- Individuals considering the purchase of a used vehicle.
- Out-of-state residents whose vehicles are temporarily in Illinois and need emissions tests to comply with their home-state requirements.

The voluntary test is not considered an official test for Illinois vehicles subject to testing.

To obtain a voluntary test, stop in the office at any full service station to purchase a voucher before entering the test lanes. Payment must be made in cash.

Disclaimer

This report is not intended as a recommendation or endorsement by the Illinois Environmental Protection Agency (Illinois EPA), the Air Team, or their contractors and employees. This report is intended only as an information source to help vehicle owners locate repair shops. Inclusion in this report does not signify that these repair shops possess particular repair skills or that they are the only shops qualified to make emissions-related repairs. The shops included in this Report Card repaired at least five emissions failures during the preceding six months and achieved a success rate of 75% "C" or greater. Additionally, because of the nature of the information included in the Report Card and the manner in which it is compiled, the Illinois EPA and the Air Team make no representations as to, nor warrants its accuracy.

It is important to remember that it remains your right and responsibility as a consumer to evaluate and choose a repair shop.



Testing Station Locations

The vehicle emissions testing network includes several options for testing your vehicle.

- **Full Service Stations** can perform **all** vehicle testing services, including waivers, and provide customer service representatives on site for any questions or assistance.
- **Test Only Stations** perform testing only. All customer service inquiries are handled at our Full Service Stations.
- **Test and Repair Facilities** perform emissions tests by appointment, and can also do certain emissions repair work upon request.

Chicago Metro Area

Chicago Metro Area Testing Hours are Monday through Friday 8 AM to 6 PM and Saturday 8 AM to 1 PM. Stations are closed Sundays and State Holidays.

FULL SERVICE STATIONS

No Appointment Necessary

City	Station Address	Wait Time Hotline
Bedford Park	5231 W. 70th Place	800-379-4489
Chicago	6959 W. Forest Preserve Avenue	800-383-7085
Crystal Lake	195 Liberty Road	800-381-1765
Joliet	3501 Mall Loop Drive	800-378-4855
Lincolnshire	580 Bond Street	800-382-7933
Markham	3824 W. 159th Place	800-379-2160
Naperville	435 Weston Ridge Drive	800-382-9092
Schaumburg	1675 Mitchell Boulevard	800-382-4354
Waukegan	2161 Northwestern Avenue	800-380-8337

TEST ONLY STATIONS

No Appointment Necessary

City	Station Address	Wait Time Hotline
Addison	425 S. Lombard Road	800-378-1108
Chicago	1850 W. Webster Avenue	800-380-6610
Elk Grove Village	2450 Landmeier Road	800-378-4477
Skokie	3555 Jarvis Avenue	800-383-3995
Tinley Park	7460 Duvan Drive	800-383-6503

The toll-free numbers listed above provide automated wait time information **ONLY!**

For all other inquiries and information, visit our website at:
www.IllinoisAirTeam.com or call 800-635-2380.



Metro-East St. Louis Area			
FULL SERVICE STATIONS			
No Appointment Necessary			
City	Station Address	Wait Time Hotline	Days/Hours of Operation
Pontoon Beach	1000 E. Chain of Rocks Road	800-383-7172	Mo/Tu/Th/Fr 8 AM to 6 PM Sat 8 AM to 1 PM
Wood River	230 North Old St. Louis Road	800-383-9592	Mo/We/Fr 8 AM to 6 PM
Swansea	4200 Trade Court	800-383-8977	Mo thru Fr 8 AM to 6 PM Sat 8 AM to 1 PM

The toll-free numbers listed above provide automated wait time information ONLY!

**For all other inquiries and information, visit our website at:
www.IllinoisAirTeam.com or call 800-635-2380.**

Air Team Appointment Only Testing Stations

Call toll free 877-927-7587: Emissions testing can be performed by appointment at approximately 40 convenient locations. For a list of these locations visit our website: <http://www.epa.state.il.us/air/vim/locations.html>.

If you choose to test at one of these locations you must call the **Air Team Appointment call Center at the number above. Please have your license plate number and your vehicle identification number available** to schedule your test in advance.

State of Illinois Holiday Calendar - 2012

New Year's Day	Monday, Jan 2	Columbus Day	Monday, Oct 8
Martin Luther King	Monday, Jan 16	General Election	Tuesday, Nov 6
Lincoln's Birthday	Monday, Feb 13	Veteran's day	Monday, Nov 12
President's Day	Monday, Feb 20	Thanksgiving Day	Thursday and Friday Nov 22 and 23
Memorial Day	Monday, May 28	Christmas Day	Tuesday, Dec 25
Independence Day	Wednesday, July 4		
Labor Day	Monday, Sept 3		

Important Information for Rejected Vehicles

		ILLINOIS			
		Vehicle Inspection Report and Certificate			
<small>This test is authorized by the Vehicle Emissions Inspection Law of 2005(625 ILCS 5/13C)</small>					
SUMMARY RESULTS					
OVERALL RESULT	MONITORS	MIL	DTC	 V0704133353270	
REJECT	NOT READY	OFF	0		

Your vehicle's On-Board Diagnostic "OBD" system shows that it is not ready to be tested resulting in its being rejected. Vehicles contain several complex emissions components and systems, each designed to reduce pollution. Vehicle computers are equipped with several programs that monitor the performance of these emissions components and systems. Readiness monitors are an essential feature of your vehicle's OBD system. When set to READY, they indicate emissions components and systems on your vehicle are ready to be tested. A condition of NOT READY doesn't necessarily mean that there is anything wrong with the vehicle; it simply means that the vehicle hasn't completed all of the self-tests to determine if everything is working properly.

There are several reasons why a readiness monitor is NOT READY. The most common reasons are a recently disconnected or replaced battery, or recent vehicle repairs or maintenance where diagnostic trouble codes (DTCs) have been cleared by someone performing repairs on your vehicle. In most cases, the readiness monitor self-test can be completed under normal driving conditions which include a combination of local and highway driving.

What Do I Do Now?

FIRST REJECT

If this is the first time your vehicle has been rejected because of monitor NOT READY status, it is recommended that the vehicle be driven for a week before attempting a retest. Your owner's manual may also contain helpful information on preparing your vehicle for an emissions test.

SECOND REJECT

If this is the second time your vehicle has been rejected because of monitor NOT READY status, it is **strongly** recommended that you seek assistance from a qualified repair technician to help set the monitors to READY. There may be a problem with one or more of the emissions control systems preventing it from completing the required self-tests.

THIRD REJECT

If your vehicle is rejected for a third time or more because of monitor NOT READY status, you will be required to have your vehicle diagnosed and repaired by a qualified technician. In order to be authorized to receive an additional test, you must provide proof that a repair technician has properly diagnosed your vehicle and set the monitors to READY status.

For more information,

- In Northeast Illinois or in the Metro-East St. Louis area, call (800) 635-2380, **or**
- Visit our website at www.IllinoisAirTeam.com

Contains a minimum of 10% of post-consumer recycled content.



Attachment 8

2011 Annual Report –
Illinois Vehicle Emissions Test Program
(June 2012)



2011 ANNUAL REPORT ILLINOIS VEHICLE EMISSION TESTING PROGRAM



JUNE 2012

**Illinois Environmental Protection Agency
Bureau of Air
Division of Mobile Source Programs**



EXECUTIVE SUMMARY

- Motor vehicles are a significant contributor to air pollution, specifically, ground level ozone. Periodic mandatory emissions inspection encourages vehicle owners to properly maintain their vehicles, and in doing so, reduce the levels of hydrocarbons (HC), carbon monoxide (CO), and oxides of nitrogen (NOx) emissions contributing to the formation of ground level ozone.
- The federal Clean Air Act (CAA) requires states to implement and operate vehicle emissions inspection and maintenance (I/M) programs in ozone non-attainment areas. Failure to operate a federally approved I/M program can result in stringent sanctions, including loss of federal highway funding and new source offset sanctions.
- The Illinois Vehicle Emissions Test Program, administered by the Illinois Environmental Protection Agency (Agency) and the Illinois Secretary of State (SOS), started in 1986 with "basic" idle exhaust emission testing of vehicles registered in portions of the Northeastern Illinois and Metro East St. Louis ozone nonattainment areas. In 1999, the program was modified to meet the requirements of the 1990 amendments to the CAA, including the use of the IM240 loaded-mode exhaust emissions test and the gas cap pressure test. In 2004, Illinois replaced the IM240 emissions test with the on-board diagnostic (OBD) test on 1996 and newer vehicles equipped with OBDII technology. On February 1, 2007, Illinois exempted all pre-1996 model year vehicles from further testing and dropped the IM240 test procedure. Also, at this time, all vehicles receiving an OBD test were no longer subject to the gas cap test. Any 1996 or newer vehicle not equipped with OBD technology (most heavy-duty vehicles) were required to pass an idle exhaust and gas cap test.
- Beginning May 1, 2008, the contract to operate a new OBD/Idle inspection station network transferred from Envirotech Illinois, Inc. (EII) to Applus+ Technologies, Inc (Applus+). The new test station network is a hybrid-centralized program which includes a mixture of centralized full-service and OBD-only test stations and decentralized OBD-only test and repair facilities.
- Vehicles registered in the emission test areas are required to be inspected once every two years beginning the fourth model year after they were manufactured. Starting October 1, 2007, the Agency moved from computer matching to registration denial enforcement (SOS denies registration renewal/application if the vehicle has not complied with the emissions test requirement). Vehicles are assigned for testing based on the license plate registration expiration month. Emissions test notices are mailed out to motorists approximately three months prior to registration expiration.
- In 2011, approximately 2.04 million vehicle emission tests were conducted in Illinois. During the reporting period, approximately 7.1% of the vehicles tested failed the initial inspection and required repairs.
- Owners of vehicles failing the inspection received a detailed inspection report containing diagnostic information and a booklet containing names and addresses of repair facilities that had demonstrated high success in performing emissions repairs. Vehicles passing the emissions inspection were issued an emissions compliance certificate indicating the next scheduled assigned test.
- The emissions testing program is a major component of Illinois' ozone air quality control programs for the Northeastern Illinois and Metro-East St. Louis ozone nonattainment areas. In 2011, the program reduced on-highway motor vehicle emissions of ozone forming VOC emissions by 9 tons per day in Northeastern Illinois (9.0 percent reduction) and 1.0 tons per day in Metro-East St. Louis (8.0 percent reduction).

1 BACKGROUND

1.1 Air Quality Problem in Illinois

Since the implementation of comprehensive ambient air quality monitoring in the 1970s, portions of Illinois have exceeded the National Ambient Air Quality Standard (NAAQS) for ozone. Ozone impairs lung function causing chest tightness, coughing and wheezing, especially in the young the elderly and persons suffering from respiratory diseases such as asthma, bronchitis, and emphysema. Research indicates that approximately 3,700 premature deaths and thousands of medical emergencies are linked to exposure to ozone air pollution in the Chicago and Metro-East St. Louis areas each year.

Ozone is not directly emitted but is formed in the atmosphere on warm summer days through chemical reactions primarily between hydrocarbons (HC), oxides of nitrogen (NO_x), and carbon monoxide (CO). HC emissions from vehicles are generated from incomplete fuel combustion and fuel evaporation. HC, also known as volatile organic compounds (VOC), include toxic air pollutants such as benzene and formaldehyde both of which are classified as known carcinogens. CO is emitted from a vehicle's exhaust as a result of incomplete fuel combustion. NO_x is emitted from vehicles as a natural byproduct of fuel combustion and like HC, is a precursor to the formation of ozone. Illinois did not specifically test vehicles for excessive NO_x emissions in 2011 since Northeastern Illinois, under the 1-Hour ozone standard, was granted a NO_x control waiver from USEPA in accordance with Section 182(f) of the CAA.

Following adoption of the Clean Air Act (CAA) Amendments of 1990, Illinois' ozone air quality was re-evaluated, and it was determined that the Chicago and Metro-East St. Louis metropolitan areas did not meet the 1-Hour ozone standard and were therefore designated as "nonattainment." Based upon monitored ozone air quality, the Chicago area was classified as a "Severe" ozone nonattainment area and Metro-East St. Louis classified as a "Moderate" area.

In 2004, the USEPA designated both the Chicago and Metro-East Illinois areas as "moderate" ozone nonattainment areas under the newly established 1997 eight-hour ozone standard. Then in 2007 the Illinois EPA requested that USEPA find that the Chicago nonattainment area attained the revoked 1-hour ozone National Ambient Air Quality Standard (NAAQS). USEPA made this determination on December 30, 2008 (73 FR 79652). In addition, the Illinois EPA has submitted a redesignation request to attainment for ozone under the 8-hour standard in Chicago and the Metro-East nonattainment areas. The data submitted by the Illinois EPA shows that the Chicago and Metro-East St. Louis nonattainment areas attained the 1997 8-hour ozone standard for the years 2008 through 2010. On December 22, 2011, the USEPA proposed to approve the redesignation request for the Illinois portion of the St. Louis, MO-IL nonattainment area to attainment for the 1997 8-hour ozone National Ambient Air Quality Standard (NAAQS) (76 FR 79579). On February 9, 2012, the USEPA proposed to approve the redesignation request for the Illinois portion of the Chicago-Gary-Lake Illinois-Indiana ozone nonattainment area to attainment for the 1997 8-hour ozone NAAQS (77 FR 6743).

In 2008, the USEPA adopted a more stringent 8-hour ozone NAAQS reducing the standard from 0.08 ppm to 0.075 ppm. For the years 2008, 2009, and 2010, Chicago area air quality monitoring data shows attainment of the 2008 standard. However, for the period 2009, 2010, and 2011, there was a violation of the 2008 8-hour ozone standard at one monitor located in Lake

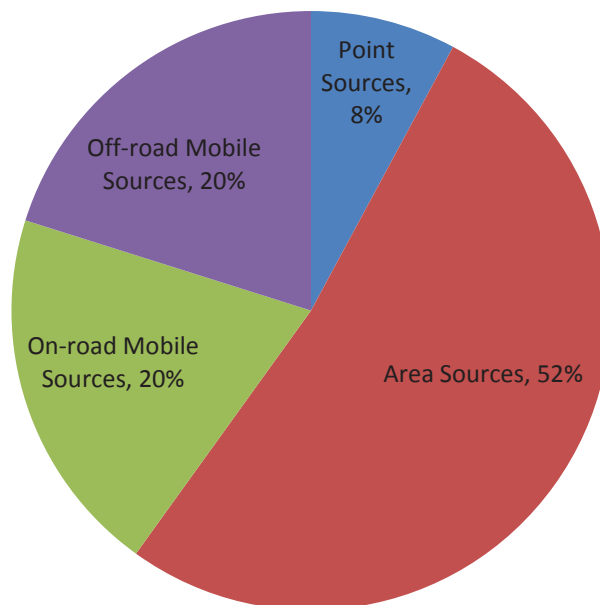
County, IL. The design value at this monitor is 0.076 ppm, 0.001ppb over the 2008 8-hour NAAQS. USEPA recently proposed to classify the greater Chicago area will be classified as a marginal nonattainment area (77 FR 8211).

Based on ambient air monitoring concentrations collected during the years 2008, 2009, and 2010 in the St. Louis, MO-IL nonattainment area, USEPA proposed that the area be designated as nonattainment for the 2008 8-hour ozone NAAQS. Ambient air quality monitoring in the Illinois portion (Madison, Monroe, and St. Clair Counties) of the St. Louis, MO-IL nonattainment area reflect that the highest three year design value measured was 0.072 ppm for Madison County. Thus, taken alone, monitors in the Illinois portion of the region indicate it attained the 2008 8-hour ozone NAAQS. However, the West Alton monitor located in St. Charles County had a three year design value of 0.078 ppm leading to the designation of the entire region as nonattainment.

1.2 Motor Vehicle Contribution

Based on the most recent emissions inventory for Illinois, motor vehicles are a significant source of HC and CO emissions, contributing 20 percent of the total HC emissions and 40 percent of the total CO emissions in Northeastern Illinois. Figure 1.1 shows the distribution of HC emissions by major category.

Figure 1.1
NORTHEASTERN ILLINOIS OZONE
NONATTAINMENT AREA
2008 VOC (TONS PER DAY)



On-road mobile sources include cars, trucks, buses and motorcycles, while non-road mobile sources are made up of aircraft, locomotive, construction, industrial and lawn and garden equipment. Point sources are larger industrial or manufacturing processes, which have received a permit to operate from the Agency. Area sources include small businesses such as gas stations and dry cleaners and include estimates of emissions from the use of paints and other consumer products.

During the 1990s, the United States Environmental Protection Agency (USEPA) adopted stricter motor vehicle emissions standards for new vehicles, especially targeting HC and CO emissions. However, due to the deterioration of the motor vehicle engine and emissions control system over time, the “typical” vehicle on the road emits three to four times the pollution generated by new cars. A significant fraction of these excess emissions are a direct result of the failure of owners to properly maintain their vehicles, or to otherwise ensure that emissions control systems are operating properly. Proper maintenance of vehicles and emissions controls reduces emissions, improves vehicle performance and fuel efficiency, and prolongs vehicle life. To encourage owners to maintain their vehicles, vehicle emissions I/M programs were made a required element of air quality programs in either ozone or CO nonattainment areas. In compliance with the CAA and applicable federal regulations, the Illinois Enhanced I/M Program identifies cars and trucks significantly exceeding federal emissions standards, and through their repair, reduces emissions and improves air quality.

1.3 Clean Air Act Emissions Testing Requirements

The CAA requires the establishment of either "Basic" or "Enhanced" I/M programs in nonattainment areas, depending on the severity of the nonattainment problem. States are allowed to propose and implement their vehicle testing programs, so long as they meet CAA requirements, and the program is approved by the USEPA. The CAA provides stringent sanctions in the event a state does not meet its obligations; including the imposition of a federally-designed and implemented vehicle emissions testing program, 2 for 1 new source offset sanctions, and the loss of a state's federal highway funding. Enhanced I/M was required in Northeastern Illinois due to the "Severe" nonattainment classification of the area. Basic I/M was required in Metro-East St. Louis based upon the "Moderate" classification. With the adoption of the 8-Hour ozone standard, both Chicago and Metro-East were reclassified as "Moderate". Given the transition from exhaust emissions testing to OBD, the difference between "Basic" and "Enhanced" I/M programs has blurred and the current Illinois program complies with both standards.

2 ILLINOIS' VEHICLE EMISSIONS TESTING PROGRAM

2.1 History

Initial “Basic” I/M Program – In June 1984, the Illinois General Assembly passed the Vehicle Emissions Inspection Law (625ILCS 5/13A), authorizing the implementation of the vehicle emissions inspection program. Basic I/M was performed in Illinois from May 1986 to February 1999. The program consisted of a simple idle exhaust test designed to identify gross emitters (i.e., heavily polluting vehicles). This test, conducted annually on vehicles registered within specified test areas, met the federal standards in effect at the time, and was appropriate for the types of vehicles then in production.

In 1992, in response to a need for additional emission reductions, the program was expanded geographically to include more of the Chicago nonattainment area and add emission component checks (for tampering/removal of catalytic converters, gas caps and fuel inlet restrictors). The combination of the exhaust test and emission control component verification allowed inspectors to better identify which vehicles needed to be repaired to reduce emissions of ozone-forming pollutants. Toward the end of the basic program, gas cap pressure testing was added to identify vehicles with either leaking or missing gas caps. This new test procedure targeted VOC emissions from vehicles with malfunctioning evaporative control systems.

Enhanced I/M Program - In February 1999, the Agency implemented the Illinois Enhanced I/M Program, consisting of significant upgrades to the program designed to bring Illinois into compliance with the 1990 amendments to the federal CAA. These improvements included:

- Incorporating new test procedures, such as the IM240 transient mode exhaust test, the gas cap pressure test, and the vehicle on-board diagnostic (OBD) system test.
- Changing the test frequency to require vehicles to be tested biennially (once every two years).
- Expanding the geographic area of program coverage to include all federally-required urbanized portions of the ozone non-attainment areas.
- Changing waiver requirements to introduce the \$450 minimum repair expenditure requirements of the federal CAA.
- Changing the model year coverage to increase the age in which vehicles were first required to be tested from two to four years.

Through January 31, 2007, the program was authorized by the Illinois Vehicle Emissions Inspection Law of 1995 (625 ILCS 5/13B) and was operated under the emissions standards adopted by the Illinois Pollution Control Board (35 Ill. Adm. Code 240), and pursuant to Agency procedures (35 Ill. Adm. Code 276).

The Illinois EPA awarded a contract to Envirotest Illinois, Inc. (EII) to design, build and operate the enhanced inspection station network through April 30, 2008. EII is a subsidiary of Environmental Systems Products of East Granby, Connecticut.

Current I/M Program – The program was recently reauthorized by the “Vehicle Emissions Inspection Law of 2005” (625 ILCS 5/13C). Significant changes have been made to the program that include:

- Beginning February 1, 2007:
 - i) Model year 1995 and earlier models that were in compliance with the Illinois Vehicle Emissions Inspection Law of 2005 were exempted from further vehicle emissions testing. All vehicles in this category had been required to pass an idle exhaust and gas cap pressure test.
 - ii) The IM240 test procedure was eliminated for all vehicles.
 - iii) Gas Cap pressure testing was no longer required for 1996 and newer model year light duty vehicles and trucks that received a successful OBD inspection. The gas cap test is still required for model year 1996 and newer heavy-duty trucks and 1996 and newer light-duty vehicles and trucks that are forced to a fallback idle test.
 - iv) The “Key on Engine off” (KOEO) test, or bulb check was eliminated from the OBD test procedure.

- Beginning January 1, 2008, the enforcement mechanism was converted from the computer-matching system to a vehicle registration denial based system. In preparation for this change, in October 2006, the Illinois Vehicle Emissions Test program began assigning vehicles that successfully complete the emissions test requirement based on the registration expiration date – not the previous assign date. Motorists received test notification based on the registration expiration date beginning with the October 2007 mailing list.

In addition, beginning May 1, 2008, the contract to operate the inspection station network transferred from EII to Applus+ Technologies, Inc (Applus+) of Chicago in June 2007. The new test station network is a hybrid-centralized program and consists of the following:

- 12 Centralized Full-Service test-only stations (9 in Northeastern Illinois, 3 in Metro-East St. Louis) maintained and operated by Applus+. These stations are equipped to perform all required test procedures (i.e., OBD, Idle Exhaust and Gas Cap Pressure).
- 5 Centralized OBD-Only test-only stations maintained and operated by Applus+ in Northeastern Illinois. These stations are only equipped to perform the OBD test procedure.
- 36 Decentralized OBD-Only test lanes (33 in Northeastern Illinois, 3 in Metro-East St. Louis) located in and operated by either Meineke Care Centers, Inc., Car-X Auto Service Centers, or full service automotive dealerships. These stations are only equipped to perform the OBD test procedure.
- 3 Self-Serve OBD-Only Test Kiosks (2 in Northeastern Illinois, 1 in Metro-East St. Louis). This pilot test kiosk allows a motorist to perform the OBD test procedure on a vehicle without the need of an inspector. All three kiosks opened to the public on February 22, 2010.

Future I/M Program – Amendments to the “Vehicle Emissions Inspection Law of 2005” (625 ILCS 5/13C) were signed into law on July 14, 2011 (Illinois Public Act (“P.A.”) No. 97-0106)). These amendments contain significant changes to the program that, beginning February 1, 2012, include:

- Eliminating the steady-state idle mode exhaust test

- Eliminating the evaporative system integrity test (also known as the gas cap test).
- Exempting pre-2007 model year heavy-duty vehicles with gross vehicle weight rating (GVWR) between 8,501 and 14,000 pounds.
- Exempting all heavy-duty vehicles with GVWR greater than 14,000 pounds.
- Adding a visual inspection test for vehicles where OBD testing is not possible due to the vehicle's design.

2.2 Enhanced I/M Program Description

Test Areas and Network - In Illinois, vehicle emissions testing is limited to vehicles registered within the urbanized portions of the Chicago and Metro-East St. Louis ozone non-attainment areas. In Chicago, this includes Cook, Du Page and Lake Counties; and portions of McHenry, Kane, Will and Kendall Counties. In the Metro-East St. Louis area, this includes portions of Madison, St. Clair and Monroe Counties. Testing areas are defined by ZIP Code and correspond more or less to the Urbanized Areas required by the CAA to be covered by an I/M program.

As stated in Section 2.1, beginning May 1, 2008 the test-only centralized network was converted to a hybrid centralized configuration with 17 Centralized test-only facilities (14 in Chicago – 3 in Metro-East St. Louis) and 36 decentralized test and repair stations (33 in Chicago – 3 in Metro-East St. Louis, See Figures 2.1 and 2.2).

Figure 2.1

Northeast I&M Area with Vehicle Test Stations and 2010 Census Block Group Boundaries

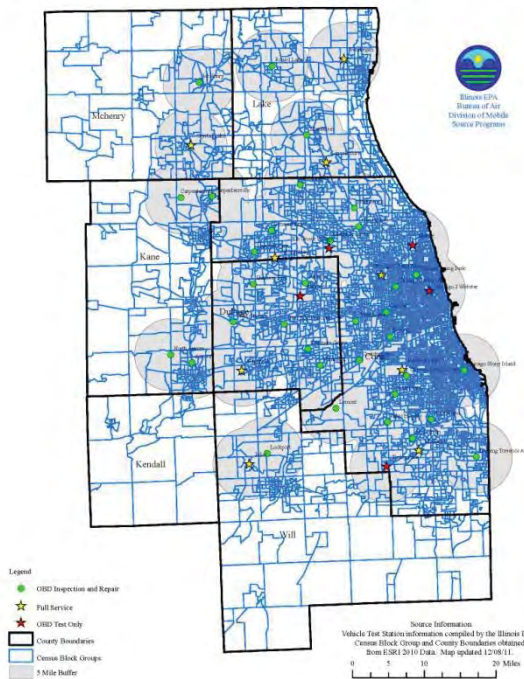
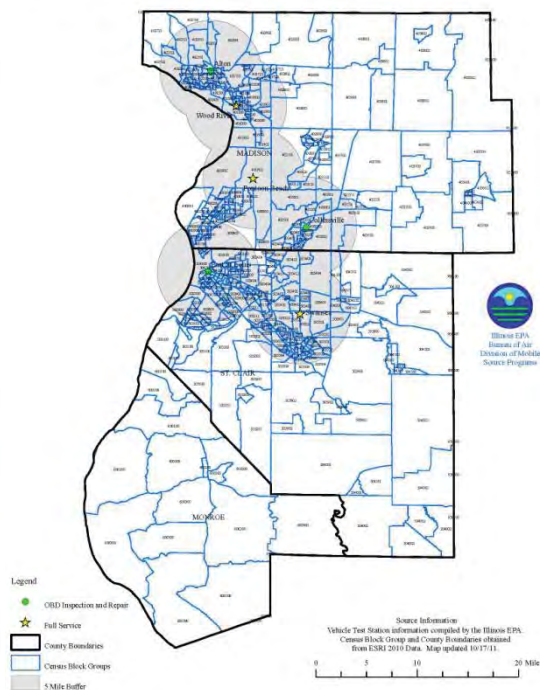


Figure 2.2

Metro-East I&M Area with Vehicle Test Stations and 2010 Census Block Group Boundaries



Test Requirements and Procedures - The purpose of the enhanced vehicle emissions test is to identify vehicles that emit excessive amounts of ozone precursors HC, CO and NOx. Once these vehicles are identified, vehicle owners are required to make repairs that will reduce the amount of exhaust and/or evaporative emissions to within acceptable levels.

Until February 1999, the Illinois I/M program relied primarily on the use of the idle exhaust test to identify gross emitting vehicles. The idle test consists of measuring exhaust HC and CO while the vehicle is idling. Idle exhaust testing evolved from engine tune-up procedures used on late 1960s and 1970s vehicles. On the carburetor-equipped vehicles of that era, repairs performed to reduce idle exhaust concentrations generally produced similar effects during road use.

However, the introduction of sophisticated emissions and engine controls, particularly the advent of computer controls, limited the effectiveness of idle tests. Beginning with the 1996 model year, vehicles have been required by USEPA to be equipped with second-generation on-board diagnostics systems (OBD-II). These systems are designed to monitor major engine and emissions control systems continuously during vehicle operation, alerting the driver of malfunctions causing or contributing to exhaust or evaporative emissions exceeding federal standards. The systems also capture and store information useful to repair technicians in diagnosing and repairing the problem identified. The OBD I/M test consists of determining if the vehicle's OBD system is properly functioning, and retrieving data stored in the OBD system's computer memory. If it is determined that the vehicle's malfunction indicator lamp (MIL) is illuminated and diagnostic trouble codes are present, or if the OBD system is missing, damaged, or inoperative, the vehicle will fail the test. OBD I/M testing is a required component of all I/M programs and is designed to replace the traditional exhaust tests on 1996 and newer vehicles. Most states have fully integrated OBD testing into their I/M programs. In Illinois, the OBD I/M test was phased-in over an 18 month period, with full implementation completed in January 2004.

Starting February 1, 2007, most 1995 and earlier model year vehicles were exempted from further emissions testing and the IM240 test procedure was eliminated. With the aging of the vehicle fleet, it was decided that the State's resources could be better utilized by focusing on the largest portion of the fleet. All 1996 and newer model year light-duty vehicles and trucks that are OBDII equipped are subject to the OBD inspection. All 1996 and newer heavy-duty vehicles not meeting the OBDII requirement are required to pass an idle exhaust and gas cap pressure test.

Test Frequency and Vehicles Subject to Testing – Illinois operates a biennial vehicle emissions test program, meaning a vehicle is required to be inspected every 2 years on a schedule that begins in the fourth calendar year after the vehicle model year. Prior to February 1, 2007, the emissions test requirement applied to 1968 and newer model year gasoline-powered motor vehicles registered in the test area, including passenger cars, sport utility vehicles (SUV's), light and heavy-duty trucks and buses. However, starting February 1, 2007, all pre-1996 model year vehicles that were currently in compliance with the Illinois Vehicle Emissions Inspection Law of 2005 were exempted from further emissions testing. In addition, all diesel-powered vehicles, show cars, ceremonial vehicles, and vehicles registered as antiques are exempt from testing.

On Board Diagnostic Testing - The test consists of connecting an OBD system scan tool to the standardized connector port under the dash. With the engine running, the scan tool accesses the

on-board computer and retrieves specific information from the vehicle. This includes an indication of whether or not the MIL is commanded to be illuminated, the number of diagnostic trouble codes (DTC) stored in the system, the DTC codes, and the operational status of up to eleven systems monitored by the OBD system.

Prior to the scan, the inspector performed a “bulb check” of the MIL to ensure that it is operating properly. Beginning February 1, 2007, the “bulb check” was no longer a required part of the Illinois OBD test procedure, except in cases where, due to vehicle design an OBD test cannot be conducted due to communication issues.

Beginning October 15, 2009, vehicles with known OBD communication issues receive a fallback bulb/MIL check. Vehicles pass this fallback inspection if the check engine light illuminates during a key-on-engine-off position and does not illuminate during a key-on-engine-on position. During the 2011 reporting period, this fallback procedure was only available for the 1997 Acura 2.5 TL, 2000 Nissan Altima, and the 2006 Mercedes C230/C280.

Idle Exhaust Testing – Prior to February 1, 2007, all model year 1968 through 1980 vehicles, and heavy-duty trucks (regardless of model year) received an idle exhaust test. This test was also used on 1981 and newer vehicles that could not be tested on the dynamometer (i.e. vehicles with full-time four-wheel drive and/or traction control).

Beginning February 1, 2007, most pre-1996 model year vehicles were exempted from the vehicle emissions testing requirement. Therefore, the idle exhaust test will only be used for the following vehicles:

- 1996 and newer heavy-duty vehicles that are not OBDII compliant;
- 1996 and newer light-duty vehicles and Trucks that are forced to a fallback exhaust test; and,
- Pre-1996 model year vehicles that had failed to achieve compliance before February 1, 2007.

The test is performed while the vehicle is idling. A sampling probe is placed in the tailpipe to measure the concentrations of hydrocarbons and carbon monoxide in the vehicle’s exhaust. Measured values are compared against idle emissions standards established for the model year and type of vehicle tested. Vehicles are given two chances to pass the exhaust test. If the vehicle fails the initial test, the vehicle is preconditioned (accelerated to 2500 RPM in neutral). The vehicle is then returned to idle and a second measurement is taken.

As mentioned above, this test will be eliminated starting February 1, 2012, and all vehicles subject to this test procedure will be exempted from further vehicle emissions testing.

Gas Cap Pressure Test Testing – The gas cap pressure test consists of removing the cap from the vehicle and using a pressure tester to ensure that the cap does not leak. This test was required on all 1968 and newer model year vehicles equipped with evaporative emissions control systems. Beginning February 1, 2007, the gas cap pressure test was no longer required for 1996 and newer model year light duty vehicles and trucks that receive a successful OBD inspection.

As mentioned above, this test will be eliminated starting February 1, 2012, and all vehicles subject to this test procedure will be exempted from further vehicle emissions testing.

3 OPERATING STATISTICS

3.1 Testing Volumes and Failure Rates

During the 2011 reporting period, the Agency conducted approximately 2 million vehicle emissions tests. Annual test volumes since the implementation of the enhanced program are shown in Table 3.1. Test volumes for calendar year 2007 and beyond have decreased based on changes made to the test program as a result of the Vehicle Emissions Inspection Law of 2005. The primary change effecting test volumes was the exempting of all complying pre-1996 model year vehicles.

Table 3.2 provides additional details on initial test volumes, including the numbers of passing and failing tests and the resulting failure rates. It is important to note that the current rates remain significantly below projected initial failure rates of 18-20%.

The distribution of initial failures by vehicle model year for the 2010-2011 test cycle is shown in Figure 3.1 on the following page.

In calendar year 2011, 6.9% of vehicles failing the initial test failed for excessive exhaust/OBD and 7.7% failed the gas cap test.

Of vehicles failing the exhaust emissions test (Idle), 98% exceeded HC emission limits, and 19% exceeded CO limits.

TABLE 3.1
Illinois Annual Test Volumes 1999-2011

Year	Initial Vehicle Tests	Retests ³	Total Tests
1999 ¹	1,559,253	143,522	1,702,775
2000	1,502,380	118,048	1,620,428
2001 ²	1,729,590	242,143	1,971,733
2002	1,699,865	209,352	1,909,217
2003	1,838,138	186,917	2,025,055
2004	1,790,947	196,008	1,986,955
2005	1,858,975	214,444	2,073,443
2006	1,916,808	198,709	2,115,517
2007	1,478,718	117,306	1,596,024
2008	1,542,387	105,654	1,648,041
2009	1,654,770	109,036	1,763,806
2010	1,815,620	112,954	1,928,574
2011	1,911,566	130,658	2,042,224

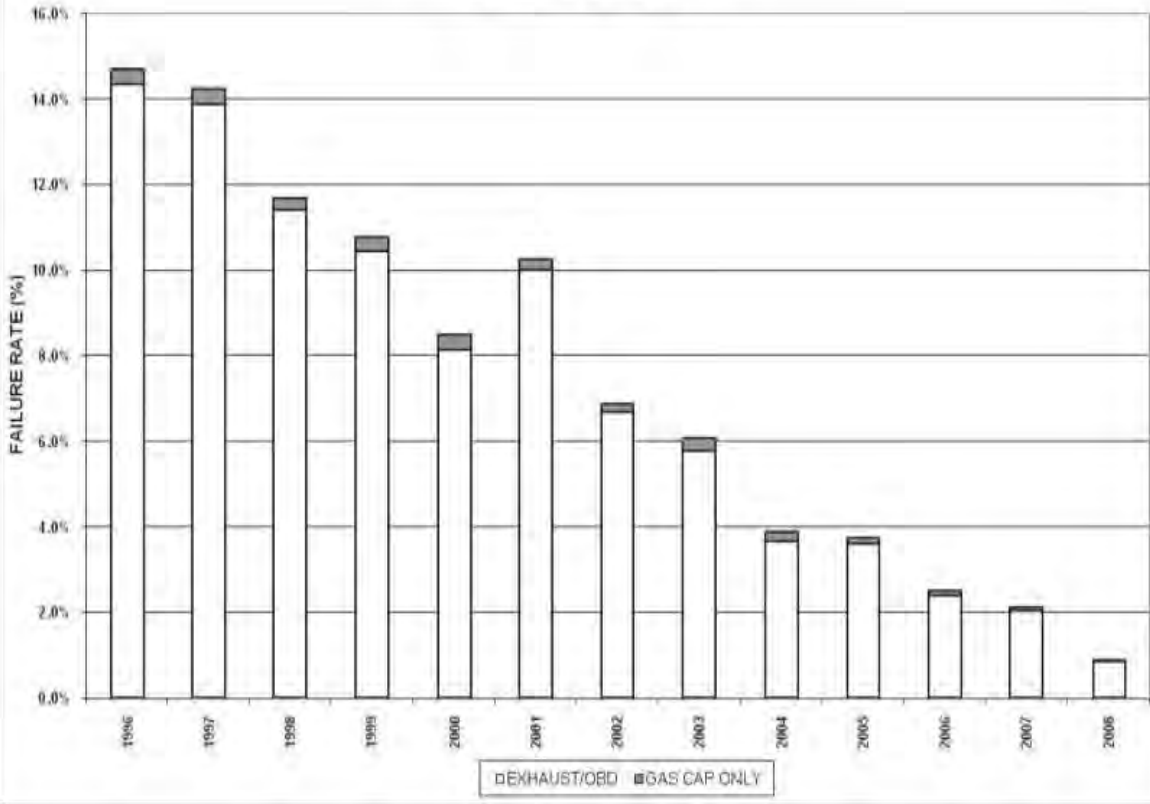
1. Basic program during 1/99, Enhanced 2/99-12/99.
2. Final IM240 exhaust standards beginning 2/01.
3. All Retests – including gas cap only retests
4. Pre 1996 MY Vehicles no longer assigned for testing and IM240 dropped 2/07.

TABLE 3.2
Initial Test Failure Rates

Year	Initial Tests	Initial Passes	Initial Fails	Fail Rate %
1999 ¹	1,559,253	1,453,312	150,831	9.7
2000	1,502,380	1,411,731	127,679	8.5
2001 ²	1,729,590	1,529,908	233,705	13.5
2002	1,699,865	1,515,909	218,766	12.9
2003	1,838,138	1,675,440	191,286	10.4
2004	1,790,947	1,609,815	221,485	12.4
2005	1,858,975	1,694,213	164,762	8.9
2006	1,916,808	1,757,058	159,750	8.3
2007 ³	1,478,718	1,378,196	100,522	6.8
2008	1,542,387	1,448,425	93,962	6.1
2009	1,654,770	1,548,846	105,924	6.4
2010	1,815,620	1,695,430	120,190	6.6
2011	1,911,566	1,774,993	136,573	7.1

1. Basic program during 1/99, enhanced 2/99-12/99.
2. Final IM240 exhaust standards beginning 2/01.
3. Pre 1996 MY Vehicles no longer assigned for testing and IM240 dropped 2/07.

FIGURE 3.1
INITIAL FAILURE RATE BY MODEL YEAR
2010 - 2011 TEST CYCLE



3.2 Emission Reductions

Estimating overall program effectiveness requires the use of sophisticated computer modeling techniques to quantify the effect of the program on region-wide VOC and CO emissions from on-road sources. The Agency utilized the USEPA MOVES series of on-highway vehicle estimation models to generate Chicago and Metro-East St. Louis area-specific emission factors. These factors (typical or average VOC, CO and NOx emissions rates expressed in grams per mile) were applied to estimates of daily vehicle miles traveled (VMT) to calculate the total emissions generated in the nonattainment areas. Inputs to the model include area-specific data describing ambient conditions (e.g., temperatures, humidity), fuel composition, traffic composition (e.g., VMT mix by vehicle type and age), vehicle speed, and inputs defining the design of the I/M program.

**TABLE 3.3
ENHANCED I/M EMISSIONS REDUCTIONS
CHICAGO NONATTAINMENT AREA**

YEAR	VOC (TPD)	VOC (%)	CO (TPD)	CO (%)	NOX (TPD)	NOX (%)
2007	12.9	8	141.3	6	14.6	3
2008	12.1	9	130.0	5	13.9	3
2009	11.1	9	119.7	6	14.2	4
2010	10.2	10	111.9	5	13.2	4
2011	9.0	9	104.0	5	12.7	4

MOVES2010a

Current estimates of Illinois I/M program VOC emission reductions have been made using the MOVES2010a version of the model. Table 3.3 summarizes emission reduction estimates for the Chicago Nonattainment area. As shown, the current Illinois program reduced VOC emissions in 2011 by 9.0 tons per day. Table 3.4 summarizes estimates for Metro-East St. Louis nonattainment area where VOC emissions were reduced by 1.0 ton per day in 2011.

**TABLE 3.4
ENHANCED I/M EMISSIONS REDUCTIONS
METRO-EAST ST. LOUIS NONATTAINMENT AREA**

YEAR	VOC (TPD)	VOC (%)	CO (TPD)	CO (%)	NOX (TPD)	NOX (%)
2007	1.5	8	21.0	6	1.6	3
2008	1.2	7	19.2	6	1.4	3
2009	1.1	8	17.8	6	1.3	3
2010	1.1	8	16.7	6	1.4	3
2011	1.0	8	15.6	6	1.4	4

MOVES2010a

3.3 Administrative Actions

Waivers - In cases where vehicles cannot be brought into compliance after reasonable attempts are made to repair them, both the Vehicle Inspection Law of 1995 and 2005 provide for the issuance of waivers if certain criteria are met. Federal enhanced I/M requirements specify that waivers cannot be granted unless a minimum of \$450 in emissions-related repairs are performed on the vehicle. Additional requirements also apply to ensure the vehicle emissions components have not been deliberately removed or tampered with, and that repairs have been performed by professional repair technicians. Table 3.5 summarizes waiver issuance activity since implementation of the enhanced program. The number of waivers issued and the waiver rates for each year compare favorably with the 3% maximum rate mandated in the USEPA enhanced performance standard.

**TABLE 3.5
WAIVER DATA**

Calendar Year	Waivers Issued	Waiver Rate (%) ¹
1999	2,771	2.0
2000	2,529	2.0
2001	5,172	2.2
2002	4,864	2.2
2003	4,081	2.1
2004	3,219	1.5
2005	3,031	1.8
2006	2,706	1.7
2007	2,348	2.3
2008	2,218	2.5
2009	2,094	2.1
2010	2,189	1.8
2011	3,024	2.2

1. Expressed as a percent of initial test failures.

Economic Hardship Compliances –

In cases where vehicle owners cannot afford the cost of repairs, an Economic Hardship Compliance is available. Low-income owners can petition the Agency for a one-year extension of the test-by date. In order to qualify, the owners must meet specified income requirements and provide written estimates of the cost of repair. Table 3.6 summarizes the numbers of economic hardship compliances issued since 1999.

**TABLE 3.6
HARDSHIP COMPLIANCES
ISSUED**

Calendar Year	Extensions Issued
1999	163
2000	315
2001	300
2002	345
2003	235
2004	307
2005	263
2006	221
2007	164
2008	231
2009	406
2010	668
2011	1,155

Temporary Extensions – Prior to the implementation of the Vehicle Emissions Inspection Law of 2005, the Illinois program also provided motorists needing additional time to comply, with a four-month Temporary Extension. This extension was most often issued for vehicles that were inoperable, were awaiting repairs or parts, or were temporarily being used outside of the emissions test area.

This option is no longer available to motorists whose vehicles are subject to the registration denial enforcement mechanism. Instead, the SOS has implemented a policy which allows the motorist to extend the vehicle’s registration expiration date by up to six months (up to four months starting in April 2012). SOS charges the motorist \$6.50 for each month of extension. This policy was implemented in December of 2008.

4 CUSTOMER SERVICE

4.1 Motorist Convenience/Wait times

Since the inception of the emissions test program in 1986, the Agency has strived to provide vehicle owners with a high level of customer service and convenience in all aspects of the program. The network of inspection stations has been developed to provide for facilities reasonably close to work or home, and was sized to minimize the time required for vehicle testing. The Illinois EPA requires that the test contractor provide a station network that ensures that the average monthly wait time at any station does not exceed 15 minutes.

While wait times vary significantly by station, month and day of week, on average, the wait times experienced during the last several years have been well below prescribed minimums. Table 4.1 lists network-wide annual average wait times for 1999 - 2011.

The Illinois test system has been designed to continuously monitor the wait time at each station, providing motorists with current estimated wait time they would likely experience prior to testing. Actual wait times are measured for each vehicle tested and the current estimated wait computed for each station. Estimated wait times are displayed on a monument sign at the station entrance and are available on the Agency website (<http://www.epa.state.il.us/air/vim/>),

The current wait time is also available through the toll-free wait time hotlines for all test stations. Motorists can access current wait times by dialing a toll-free telephone number for each test station, which are listed in the vehicle emission test notices.

Finally, the Agency website (<http://www.epa.state.il.us/air/vim/queue-cameras.html>) provides a link to live cameras at each centralized test station, which shows the current queue length.

4.2 Public Information/Motorist Assistance

The Agency, SOS, and the test contractor have staff available during regular business hours to help vehicle owners with questions or problems encountered with the test program. The test contractor maintains a customer service office in each full service test facility (9 in Chicago and 3 in Metro-East), staffed by trained customer service representatives to assist in explaining test requirements and procedures, and to perform gas cap retests and conduct waiver inspections.

The Agency also maintains telephone hot lines with phone staff trained in all facets of program operation. They provide general information (i.e. facility locations, hours of operation, etc.),

**TABLE 4.1
ANNUAL AVERAGE WAIT TIME**

Calendar Year	Network Average Wait (Minutes)
1999	6.5
2000	7.6
2001	9.7
2002	7.8
2003	7.1
2004	6.8
2005	7.4
2006	6.9
2007	4.3
2008	5.8
2009	5.2
2010	5.8
2011	6.6

provide directions to the test stations, and advise motorists of how to proceed if there are errors in registration or test data, or if they are unable to have the vehicle tested. The Agency also maintains a website (<http://www.epa.state.il.us/air/vim/>) containing information about the program.

4.3 Enforcement/Notification

Prior to 2008, Illinois utilized a “computer-matching” enforcement system. The Agency relied on registration data provided by the SOS to identify vehicles required to be tested in a given year. The Agency then randomly assigned the vehicle a test month throughout the year. The Vehicle Emissions Inspection Law of 1995 established a four-month test period in which the owner may have the vehicle tested prior to the Agency notifying the SOS to initiate enforcement action. Non-compliance resulted in the suspension of the vehicle owner’s driver’s license, the vehicle registration, or both. Prior to the first day of the assigned test month, the Agency mailed a test notice to the owner/lessee of the vehicle.

As noted in Section 2.1, Illinois converted from the computer-matching enforcement system to a registration denial based enforcement system, beginning January 1, 2008. This change was mandated by the Vehicle Emissions Inspection Law of 2005 and requires any owner of a vehicle subject to emissions inspection to have the vehicle inspected and provide proof of compliance in order to obtain or renew a vehicle registration.

Beginning in the last quarter of 2007, vehicles with January 2008 registration expiration dates or later received initial test notices stating that the vehicle’s registration renewal would be denied unless the vehicle had complied with the Vehicle Emissions Inspection Law of 2005. In addition, at the end of January 2008, any outstanding vehicle registration subject to suspension under the computer-matching enforcement mechanism was transferred into the registration denial system. This meant that registration renewal application for any vehicle in this category would be denied without demonstration of compliance with the Vehicle Inspection Law of 2005. Therefore, there were no driver’ license suspensions or registration suspensions for Calendar Year 2011.

The summary of all initial test and notices for Calendar Year 2011 is contained in Table 4.2.

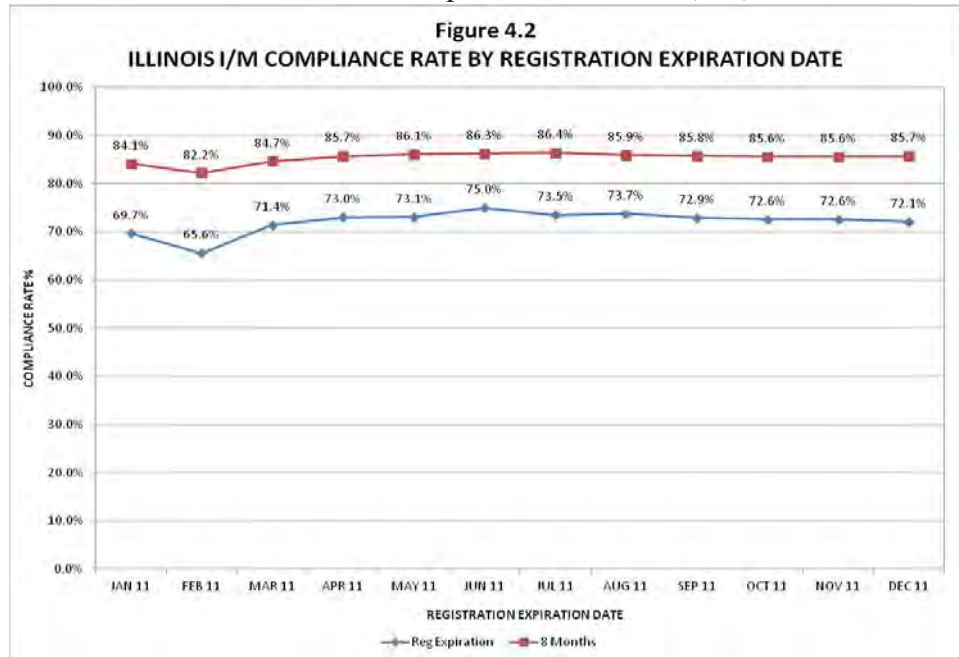
Notice	2011 Total	2011 Monthly Average
Initial Notice	2,275,648	189,637
IEPA Warning Notice ¹	0	0
IEPA Request SOS DL/Reg Suspension ²	0	0

1. Last IEPA Warning Notice mailing – July 2007
2. Last SOS Suspension Request – June 2007

4.4 Compliance Rates

The Agency monitors vehicle compliance rates on a monthly basis. This is done to ensure that the Illinois I/M program is meeting federal requirements and design objectives necessary to achieve emission reductions committed to in the State Implementation Plan (SIP). The

compliance rate is determined for each assigned month grouping¹ by comparing the number of vehicles in each group that have complied (i.e., passed the test or received a waiver) with the number of all active vehicles (i.e., passed, waived or still outstanding). Figure 4.2 contains compliance rates by “Reg Expiration” (i.e., vehicles that achieve compliance prior to the registration expiration (registration denial)), and “8 Months” (i.e., 8 months after vehicle was originally notified of the requirement to test).



Starting May 1, 2008 under the new testing contract with Applus, preprinted VIRs are no longer used as was the previous case. The VIR barcode is generated by the test equipment at the time of the test and printed on the blank VIR sheet.

4.5 Repair Industry Monitoring and Reporting/Outreach

A critical component of enhanced I/M programs is the collection and evaluation of information on repairs made to failing vehicles. In order to qualify for a retest, motorists are required to provide information on the repairs that were performed. The information provided is then combined with retest results to assess the effectiveness of repairs being performed. On a quarterly basis, the test contractor publishes the Repair Shop Report Card that provides motorists with names and addresses of repair shops that have demonstrated a high level of competency in performing emissions repairs. Each shop is graded based upon whether the vehicle passes, fails or is rejected for readiness during the retest following repair.

The letter grade for each shop is updated quarterly and is based on the success rate of the shop in fixing a vehicle. Shops that repair at least five vehicles with emissions failures during the past six months and achieve at least a 75 percent success rate are included in the report card. The letter grade is calculated by dividing the number of successful repairs by the total repairs

¹ All vehicles scheduled for testing in a calendar month.

performed by the shop. The vehicle must pass the retest following the repair to be counted as a successful repair. Any vehicle that fails or is rejected for OBD readiness following a repair will not be counted as a successful repair. The repair shop grade will be based on the success rate (93-100% = A, 84-92% = B, 75 – 83% = C).

All owners of vehicles failing the initial test receive the Report Card to help them make informed choices about where to have emissions-related repairs performed. The Report Card data is also available on the Illinois EPA website at www.epa.state.il.us/air/vim/reportcard.html. Additionally, a complete list of all repair shops performing emissions repairs, regardless of grade, is available for reference at each inspection facility.

In a continuing effort to improve the quality of repairs being made to failing vehicles, the Agency has implemented a repair industry outreach program. Several times per year, the Agency conducts and sponsors Enhanced I/M training seminars for repair technicians on exhaust and OBD testing and repair.

4.6 Vehicle Damage Claims Process

The actual number of damage claims submitted is extremely small in comparison to the numbers of vehicles tested. Table 4.3 shows the annual number and rate of claims since enhanced testing began in 1999. In 2011, there were 85 claims filed, or 0.004 percent of all vehicles tested (4 claims per 100,000 vehicles tested). As shown, the rate of claims has decreased significantly, in part due to the phase-in of less-intrusive OBD testing in 2002, and more recently, the elimination of the IM240 test. Most claims were related to minor damage (e.g., dents, scratches, scuffed tires) and were settled with test facility management providing a purchase order for repair on the spot.

Year	Claims	Rate (%)
1999	1,366	0.08
2000	1,043	0.07
2001	1,428	0.07
2002	1,003	0.05
2003	630	0.03
2004	429	0.02
2005	339	0.02
2006	121	0.01
2007	51	0.003
2008	54	0.003
2009	99	0.005
2010	82	0.004
2011	85	0.004

On rare occasions, damage claims cannot be handled at the test facility level and require third-party evaluation. These major claims are handled by a three-step process:

- 1) The motorist files a claim at the station;
- 2) The claim is thoroughly investigated, with some claims involving an independent third-party evaluation; and,
- 3) Either payment is offered or the claim is denied.

The independent third-party evaluation is handled by over 30 Claim Evaluation Centers (CECs), using ASE² certified technicians who are trained in testing and repair. These CECs render an

² ASE (Automotive Service Excellence) is a nationally recognized non-profit organization performing voluntary testing and certification of automotive technicians.

opinion on the likely cause of damage based on established facts and professional opinion. Owners not satisfied with the resolution of the claim may pursue the matter through the Better Business Bureau's binding arbitration process or in circuit court. Owners may also petition the Agency to review the adequacy and completeness of the contractor's proposed resolution to a claim. During the 2011 reporting period, only two claims were referred to CECs.

5 QUALITY ASSURANCE

Contractor oversight is achieved utilizing the following quality assurance functions:

5.1 Overt Audits

Overt audits primarily consist of Testing Procedure Monitoring (TPM) performed by the State Inspectors, and equipment audits performed by the Quality Assurance Auditors.

TPM – Testing Procedure Monitoring is an evaluation of individual vehicle tests performed by the lane attendant. The audit form was developed utilizing Part 276, Title 35 of the Illinois Code, the Enhanced I/M Request for Proposal (RFP), and station and lane operating manuals that are part of the contract documentation. The audits help ensure that proper testing procedure is consistently utilized at all the testing stations. During the 2011 reporting period, the State Inspectors performed 12 audits daily. Results were discussed with Station Management and entered in the TPM database.

Equipment Audits – The IM97 gas audits are the primary equipment audits. The gas audits simulate an exhaust test with known concentrations of a tri-blend gas introduced into the analyzer system. The readings posted by the analyzer are compared to the known values of the audit gas. If any of the readings are outside of the tolerance range of the audit gas, the lane is closed to further vehicular testing until the analyzer is repaired and passes a State retest. During the 2011 period, every testing lane received at least one IM97 gas audits. Additional equipment audits address the pressure decay and/or leak flow gas cap testing systems. For a complete summary of the equipment audits conducted in 2011, refer to Appendix C and D.

Starting in October 2009, the Quality Assurance Auditors began auditing the OBD analyzers with verification testers. The audit was modeled after the guidance provided in the document “U.S. EPA Steady State and Transient Testing Equipment Audit Guidance.” In addition, they expanded the scope of the audit and have tested most lanes using six different protocols.

As a result of this new OBD analyzer audit, an OBD protocol issue was discovered in one of the test lanes at the Lincolnshire station. The OBD analyzer was unable to communicate with the CAN protocol. The test contractor replaced the analyzer cable which rectified the problem.

Finally, the Quality Assurance Auditors also review the contractor’s Quality Control/Maintenance books on a routine basis. These books contain the records of required calibrations and all equipment maintenance performed by the contractor. Summaries of the reviews are maintained by QA.

5.2 Covert Audits

Covert audits were performed by state inspectors to verify whether contractor personnel (lane inspectors) followed established test procedures when performing a test. Two unique vehicles with regular license plates were used for these audits, including one vehicle with dual exhaust. These audits were used only to verify compliance with test procedures. No attempt was made to improperly influence (bribe) the lane inspectors because state policy prohibits the use of such funds (“buy money”) by agencies other than the Illinois State Police. The covert vehicles

generally pass the test, but the Agency occasionally attempts to make the vehicle fail by shutting down a fuel injector. However, modern engine management systems make it very difficult to get the vehicle to fail by this method for any length of time. The Agency has elected not to take more drastic measures to make vehicles fail, such as removing a catalyst.

State Inspectors document covert audits by preparing a Covert Test Procedure Monitor after the conclusion of each covert audit. Results were shared with Agency field Supervisor(s), Field Services Manager, and the contractor Operations Manager. The contractor took appropriate disciplinary action in a timely manner when serious deficiencies were observed. For the complete summary of quality assurance reports and audit results, refer to Appendix B.

6 TEST PROGRAM ISSUES

During the 2011 reporting period, the Agency focused on implementing the Amendments to the “Vehicle Emissions Inspection Law of 2005” (625 ILCS 5/13C). Specifically, in anticipation of the February 1, 2012 elimination of the steady-state idle mode exhaust evaporative system integrity tests and the exemption of pre-2007 model year heavy-duty vehicles with gross vehicle weight rating (GVWR) between 8,501 and 14,000 pounds and all heavy-duty vehicles with GVWR greater than 14,000 pounds, the Agency performed the following tasks:

- Modified the test notice selection routine to ignore the newly exempt vehicle (starting with the November 2011 selection that includes vehicles with February 2012 registration expirations).
- Modified the test lane software to:
 - Remove the idle/gas cap option for fallback testing;
 - Remove all idle/gas cap associated calibration requirements and lockouts; and,
 - Add the visual inspection test for vehicles where OBD testing is not possible due to the vehicle’s design.
- Develop and implement a blanket clear mechanism to clean up all newly exempted vehicles. This blanket clear will be run on the evening of January 31, 2012, and will clear the emissions test flag on the SOS vehicle registration database and mark the records on the Agency VID as permanently exempt.

These tasks were completed successfully in the allotted time and resulted in a trouble free implementation of the new OBD-only test program on February 1, 2012.

7 APPENDICES

Appendix A

United States Environmental Protection Agency test reports – Illinois test data for years 2011. Required by 40 CFR 51.366.

Appendix B

Quality Assurance Report and Quality Control Report for January through December 2011.

Appendix C

Number of Equipment Audits by Station and Lane – January through December 2011.

Appendix D

Number of Equipment Audit Failures by Station and Lane – January through December 2011.

APPENDIX A

USEPA TEST DATA REPORT - 40 CFR 51.366(a)(1) - 2011 TESTS
ALL VEHICLES TESTED BY MODEL YEAR (Initial Tests Only)
Included: Idle Exhaust and OBD tests that end in Pass or Fail
Excluded: Rejects, Aborts, Voided Tests, Voluntary Tests

MY	VEHICLE TYPE	IDLE TESTS	OBD TESTS	TOTAL
1996	ALL	667	23,215	23,882
1997	ALL	4,908	141,502	146,410
1998	ALL	905	37,129	38,034
1999	ALL	7,415	211,280	218,695
2000	ALL	1,636	50,639	52,275
2001	ALL	8,823	257,951	266,774
2002	ALL	1,359	54,153	55,512
2003	ALL	9,824	295,374	305,198
2004	ALL	1,234	52,615	53,849
2005	ALL	8,408	321,591	329,999
2006	ALL	1,446	56,943	58,389
2007	ALL	7,310	327,969	335,279
2008	ALL	404	24,867	25,271
TOTAL	ALL	54,339	1,855,228	1,909,567

51.366(a)(1) ALL

**USEPA TEST DATA REPORT - 40 CFR 51.366(a)(1) - 2011 TESTS
LIGHT DUTY PASSENGER VEHICLES TESTED BY MODEL YEAR (Initial Tests Only)**

Included: Idle Exhaust and OBD tests that end in Pass or Fail

Excluded: Rejects, Aborts, Voided Tests, Voluntary Tests

MY	VEHICLE TYPE	IDLE TESTS	OBD TESTS	TOTAL
1996	LDV	0	14,522	14,522
1997	LDV	3	85,756	85,759
1998	LDV	1	21,294	21,295
1999	LDV	7	119,580	119,587
2000	LDV	3	29,999	30,002
2001	LDV	9	146,832	146,841
2002	LDV	2	28,925	28,927
2003	LDV	36	159,160	159,196
2004	LDV	3	27,508	27,511
2005	LDV	4	165,577	165,581
2006	LDV	1	31,355	31,356
2007	LDV	9	184,789	184,798
2008	LDV	0	12,928	12,928
TOTAL	LDV	78	1,028,225	1,028,303

51.366(a)(1) LDV

**USEPA TEST DATA REPORT - 40 CFR 51.366(a)(1) - 2011 TESTS
LIGHT DUTY TRUCKS (1 & 2) TESTED BY MODEL YEAR (Initial Tests Only)**

Included: Idle Exhaust and OBD tests that end in Pass or Fail

Excluded: Rejects, Aborts, Voided Tests, Voluntary Tests

MY	VEHICLE TYPE	IDLE TESTS	OBD TESTS	TOTAL
1996	LDT	26	8,693	8,719
1997	LDT	98	55,746	55,844
1998	LDT	28	15,835	15,863
1999	LDT	106	91,700	91,806
2000	LDT	58	20,640	20,698
2001	LDT	136	111,119	111,255
2002	LDT	45	25,228	25,273
2003	LDT	12	136,214	136,226
2004	LDT	1	25,107	25,108
2005	LDT	3	156,014	156,017
2006	LDT	1	25,588	25,589
2007	LDT	61	143,180	143,241
2008	LDT	14	11,939	11,953
TOTAL	LDT	589	827,003	827,592

51.366(a)(1) LDT

**USEPA TEST DATA REPORT - 40 CFR 51.366(a)(1) - 2011 TESTS
HEAVY DUTY VEHICLES TESTED BY MODEL YEAR (Initial Tests Only)****Included: Single Speed Idle tests that end in Pass or Fail****Excluded: Rejects, Aborts, Voided Tests, Voluntary Tests**

MY	VEHICLE TYPE	IDLE TESTS	OBD TESTS	TOTAL
1996	HDV	641	0	641
1997	HDV	4,807	0	4,807
1998	HDV	876	0	876
1999	HDV	7,302	0	7,302
2000	HDV	1,575	0	1,575
2001	HDV	8,678	0	8,678
2002	HDV	1,312	0	1,312
2003	HDV	9,776	0	9,776
2004	HDV	1,230	0	1,230
2005	HDV	8,401	0	8,401
2006	HDV	1,444	0	1,444
2007	HDV	7,240	0	7,240
2008	HDV	390	0	390
TOTAL	HDV	53,672	0	53,672

51.366(a)(1) HDV

CFR 51.366(a)(2)(i) - 2011 TESTS
 ALL VEHICLES FAILING INITIAL TEST

OBD tests
 OBD Tests, Voluntary Tests

STATE	OBD TESTS	GAS CAP TESTS			TOTAL - EXCL GC ONLY			OVERALL - INCL GC ONLY					
		TESTED	FAIL	RATE	TESTED	FAIL	RATE	TESTED	FAIL	RATE			
6	9.9%	23,215	4,951	21.3%	667	111	16.6%	23,882	5,017	21.0%	23,882	5,116	21.4%
1	4.1%	141,502	18,668	13.2%	4,908	569	11.6%	146,410	18,869	12.9%	146,410	19,396	13.2%
7	4.1%	37,129	6,367	17.1%	905	122	13.5%	38,034	6,404	16.8%	38,034	6,521	17.1%
3	3.0%	211,280	21,618	10.2%	7,415	789	10.6%	218,695	21,841	10.0%	218,695	22,595	10.3%
4	3.3%	50,639	6,359	12.6%	1,636	199	12.2%	52,275	6,413	12.3%	52,275	6,603	12.6%
5	1.2%	257,951	25,761	10.0%	8,823	629	7.1%	266,774	25,866	9.7%	266,774	26,489	9.9%
4	1.0%	54,153	5,743	10.6%	1,359	120	8.8%	55,512	5,757	10.4%	55,512	5,875	10.6%
5	0.8%	295,374	17,357	5.9%	9,824	831	8.5%	305,198	17,432	5.7%	305,198	18,254	6.0%
5	0.4%	52,615	3,286	6.2%	1,234	102	8.3%	53,849	3,291	6.1%	53,849	3,393	6.3%
0	0.2%	321,591	11,973	3.7%	8,408	409	4.9%	329,999	11,993	3.6%	329,999	12,399	3.8%
5	0.3%	56,943	2,087	3.7%	1,446	57	3.9%	58,389	2,092	3.6%	58,389	2,148	3.7%
4	0.1%	327,969	7,066	2.2%	7,310	241	3.3%	335,279	7,070	2.1%	335,279	7,311	2.2%
0	0.0%	24,867	220	0.9%	404	9	2.2%	25,271	220	0.9%	25,271	229	0.9%
9	1.5%	1,855,228	131,456	7.1%	54,339	4,188	7.7%	1,909,567	132,265	6.9%	1,909,567	136,329	7.1%

51.366(a)(2)(i) ALL

CFR 51.366(a)(2)(i) - 2011 TESTS

NIGHT DUTY PASSENGER VEHICLES FAILING INITIAL TEST

OBD tests

OBD Tests, Voluntary Tests

TESTS	OBD TESTS				GAS CAP TESTS			TOTAL - EXCL GC ONLY			OVERALL - INCL GC ONLY		
	TESTED	FAIL	RATE		TESTED	FAIL	RATE	TESTED	FAIL	RATE	TESTED	FAIL	RATE
0	0.0%	14,522	2,998	20.6%	0	0	0.0%	14,522	2,998	20.6%	14,522	2,998	20.6%
0	0.0%	85,756	10,911	12.7%	3	0	0.0%	85,759	10,911	12.7%	85,759	10,911	12.7%
0	0.0%	21,294	3,589	16.9%	1	0	0.0%	21,295	3,589	16.9%	21,295	3,589	16.9%
0	0.0%	119,580	12,647	10.6%	7	0	0.0%	119,587	12,647	10.6%	119,587	12,647	10.6%
1	33.3%	29,999	4,153	13.8%	3	1	33.3%	30,002	4,154	13.8%	30,002	4,155	13.8%
0	0.0%	146,832	14,745	10.0%	9	0	0.0%	146,841	14,745	10.0%	146,841	14,745	10.0%
1	50.0%	28,925	3,257	11.3%	2	0	0.0%	28,927	3,258	11.3%	28,927	3,258	11.3%
3	8.3%	159,160	9,387	5.9%	36	0	0.0%	159,196	9,390	5.9%	159,196	9,390	5.9%
1	33.3%	27,508	1,882	6.8%	3	0	0.0%	27,511	1,883	6.8%	27,511	1,883	6.8%
0	0.0%	165,577	6,092	3.7%	4	0	0.0%	165,581	6,092	3.7%	165,581	6,092	3.7%
0	0.0%	31,355	1,194	3.8%	1	0	0.0%	31,356	1,194	3.8%	31,356	1,194	3.8%
1	11.1%	184,789	4,180	2.3%	9	0	0.0%	184,798	4,181	2.3%	184,798	4,181	2.3%
0	0.0%	12,928	124	1.0%	0	0	0.0%	12,928	124	1.0%	12,928	124	1.0%
7	9.0%	1,028,225	75,159	7.3%	78	1	1.3%	1,028,303	75,166	7.3%	1,028,303	75,167	7.3%

51.366(a)(2)(i) LDV

CFR 51.366(a)(2)(i) - 2011 TESTS

GHT DUTY TRUCKS (1 & 2) FAILING INITIAL TEST

OBD tests

d Tests, Voluntary Tests

TESTS	OBD TESTS				GAS CAP TESTS			TOTAL - EXCL GC ONLY			OVERALL - INCL GC ONLY		
	TESTED	FAIL	RATE	TESTED	FAIL	RATE	TESTED	FAIL	RATE	TESTED	FAIL	RATE	
0	0.0%	8,693	1,953	22.5%	26	5	19.2%	8,719	1,953	22.4%	8,719	1,957	22.4%
1	1.0%	55,746	7,757	13.9%	98	8	8.2%	55,844	7,758	13.9%	55,844	7,763	13.9%
1	3.6%	15,835	2,778	17.5%	28	2	7.1%	15,863	2,779	17.5%	15,863	2,781	17.5%
2	1.9%	91,700	8,971	9.8%	106	7	6.6%	91,806	8,973	9.8%	91,806	8,980	9.8%
0	0.0%	20,640	2,206	10.7%	58	4	6.9%	20,698	2,206	10.7%	20,698	2,210	10.7%
1	0.7%	111,119	11,016	9.9%	136	13	9.6%	111,255	11,017	9.9%	111,255	11,030	9.9%
0	0.0%	25,228	2,486	9.9%	45	3	6.7%	25,273	2,486	9.8%	25,273	2,488	9.8%
0	0.0%	136,214	7,970	5.9%	12	0	0.0%	136,226	7,970	5.9%	136,226	7,970	5.9%
0	0.0%	25,107	1,404	5.6%	1	1	100.0%	25,108	1,404	5.6%	25,108	1,405	5.6%
0	0.0%	156,014	5,881	3.8%	3	0	0.0%	156,017	5,881	3.8%	156,017	5,881	3.8%
0	0.0%	25,588	893	3.5%	1	0	0.0%	25,589	893	3.5%	25,589	893	3.5%
0	0.0%	143,180	2,886	2.0%	61	6	9.8%	143,241	2,886	2.0%	143,241	2,892	2.0%
0	0.0%	11,939	96	0.8%	14	0	0.0%	11,953	96	0.8%	11,953	95	0.8%
5	0.8%	827,003	56,297	6.8%	589	49	8.3%	827,592	56,302	6.8%	827,592	56,345	6.8%

51.366(a)(2)(i) LDT

CFR 51.366(a)(2)(i) - 2011 TESTS

NAVY DUTY VEHICLES FAILING INITIAL TEST

Tests, Voluntary Tests

TESTS	OBD TESTS			GAS CAP TESTS			TOTAL - EXCL GC ONLY			OVERALL - INCL GC ONLY			
	RATE	TESTED	FAIL	RATE	TESTED	FAIL	RATE	TESTED	FAIL	RATE	TESTED	FAIL	RATE
5	10.3%	0	0	0.0%	641	106	16.5%	641	66	10.3%	641	161	25.1%
0	4.2%	0	0	0.0%	4,807	561	11.7%	4,807	200	4.2%	4,807	722	15.0%
5	4.1%	0	0	0.0%	876	120	13.7%	876	36	4.1%	876	151	17.2%
1	3.0%	0	0	0.0%	7,302	782	10.7%	7,302	221	3.0%	7,302	968	13.3%
3	3.4%	0	0	0.0%	1,575	194	12.3%	1,575	53	3.4%	1,575	238	15.1%
4	1.2%	0	0	0.0%	8,678	616	7.1%	8,678	104	1.2%	8,678	714	8.2%
3	1.0%	0	0	0.0%	1,312	117	8.9%	1,312	13	1.0%	1,312	129	9.8%
2	0.7%	0	0	0.0%	9,776	831	8.5%	9,776	72	0.7%	9,776	894	9.1%
4	0.3%	0	0	0.0%	1,230	101	8.2%	1,230	4	0.3%	1,230	105	8.5%
0	0.2%	0	0	0.0%	8,401	409	4.9%	8,401	20	0.2%	8,401	426	5.1%
5	0.3%	0	0	0.0%	1,444	57	3.9%	1,444	5	0.3%	1,444	61	4.2%
3	0.0%	0	0	0.0%	7,240	235	3.2%	7,240	3	0.0%	7,240	238	3.3%
0	0.0%	0	0	0.0%	390	9	2.3%	390	0	0.0%	390	10	2.6%
7	1.5%	0	0	0.0%	53,672	4,138	7.7%	53,672	797	1.5%	53,672	4,817	9.0%

51.366(a)(2)(i) HDV

51.366(a)(2)(ii) & (iii) - 2011 TESTS
 FULLY FAILED VEHICLES

Tests

Tests, Voluntary Tests

TESTS			OBD TESTS					GAS CAP ONLY RETESTS					TOTAL				
P RATE	FAIL	F RATE	1ST RT	PASS	P RATE	FAIL	F RATE	1ST RT	PASS	P RATE	FAIL	F RATE	1ST RT	PASS	P RATE	FAIL	F RATE
39.5%	17	40.5%	2,482	1,911	77.0%	571	23.0%	98	97	99.0%	1	1.0%	2,622	2,033	77.5%	589	22.5%
32.5%	60	37.5%	12,182	10,064	82.6%	2,118	17.4%	520	511	98.3%	9	1.7%	12,862	10,675	83.0%	2,187	17.0%
36.4%	15	53.6%	3,456	2,756	79.7%	700	20.3%	115	114	99.1%	1	0.9%	3,599	2,883	80.1%	716	19.9%
30.8%	71	39.2%	14,638	12,681	86.6%	1,957	13.4%	750	736	98.1%	14	1.9%	15,569	13,527	86.9%	2,042	13.1%
31.4%	18	48.6%	3,677	3,062	83.3%	615	16.7%	190	187	98.4%	3	1.6%	3,904	3,268	83.7%	636	16.3%
37.8%	20	22.2%	18,454	15,959	86.5%	2,495	13.5%	619	609	98.4%	10	1.6%	19,163	16,638	86.8%	2,525	13.2%
31.7%	7	58.3%	3,482	2,991	85.9%	491	14.1%	110	110	100.0%	0	0.0%	3,604	3,106	86.2%	498	13.8%
38.7%	13	21.3%	13,289	12,148	91.4%	1,141	8.6%	813	805	99.0%	8	1.0%	14,163	13,001	91.8%	1,162	8.2%
36.7%	1	33.3%	2,055	1,799	87.5%	256	12.5%	99	96	97.0%	3	3.0%	2,157	1,897	87.9%	260	12.1%
38.8%	7	41.2%	8,874	8,190	92.3%	684	7.7%	403	395	98.0%	8	2.0%	9,294	8,595	92.5%	699	7.5%
30.0%	0	0.0%	1,346	1,210	89.9%	136	10.1%	56	55	98.2%	1	1.8%	1,405	1,268	90.2%	137	9.8%
36.7%	1	33.3%	5,043	4,699	93.2%	344	6.8%	239	236	98.7%	3	1.3%	5,285	4,937	93.4%	348	6.6%
30.0%	0	0.0%	67	65	97.0%	2	3.0%	7	7	100.0%	0	0.0%	74	72	97.3%	2	2.7%
33.9%	230	36.1%	89,045	77,535	87.1%	11,510	12.9%	4,019	3,958	98.5%	61	1.5%	93,701	81,900	87.4%	11,801	12.6%

51.366(a)(2)(ii)&(iii) ALL

51.366(a)(2)(ii) & (iii) - 2011 TESTS
 ONLY FAILED LIGHT DUTY PASSENGER VEHICLES

Tests
 Tests, Voluntary Tests

TESTS			OBD TESTS					GAS CAP ONLY RETESTS					TOTAL				
P RATE	FAIL	F RATE	1ST RT	PASS	P RATE	FAIL	F RATE	1ST RT	PASS	P RATE	FAIL	F RATE	1ST RT	PASS	P RATE	FAIL	F RATE
0.0%	0	0.0%	1,502	1,160	77.2%	342	22.8%	0	0	0.0%	0	0.0%	1,502	1,160	77.2%	342	22.8%
0.0%	0	0.0%	6,931	5,758	83.1%	1,173	16.9%	0	0	0.0%	0	0.0%	6,931	5,758	83.1%	1,173	16.9%
0.0%	0	0.0%	1,955	1,562	79.9%	393	20.1%	0	0	0.0%	0	0.0%	1,955	1,562	79.9%	393	20.1%
0.0%	0	0.0%	8,288	7,189	86.7%	1,099	13.3%	0	0	0.0%	0	0.0%	8,288	7,189	86.7%	1,099	13.3%
0.0%	0	0.0%	2,379	1,968	82.7%	411	17.3%	1	1	100.0%	0	0.0%	2,380	1,969	82.7%	411	17.3%
0.0%	0	0.0%	10,162	8,746	86.1%	1,416	13.9%	0	0	0.0%	0	0.0%	10,162	8,746	86.1%	1,416	13.9%
0.0%	0	0.0%	1,883	1,595	84.7%	288	15.3%	0	0	0.0%	0	0.0%	1,884	1,596	84.7%	288	15.3%
0.0%	0	0.0%	6,927	6,252	90.3%	675	9.7%	0	0	0.0%	0	0.0%	6,928	6,253	90.3%	675	9.7%
0.0%	0	0.0%	1,166	1,001	85.8%	165	14.2%	0	0	0.0%	0	0.0%	1,166	1,001	85.8%	165	14.2%
0.0%	0	0.0%	4,361	3,989	91.5%	372	8.5%	0	0	0.0%	0	0.0%	4,361	3,989	91.5%	372	8.5%
0.0%	0	0.0%	769	687	89.3%	82	10.7%	0	0	0.0%	0	0.0%	769	687	89.3%	82	10.7%
0.0%	0	0.0%	2,858	2,644	92.5%	214	7.5%	0	0	0.0%	0	0.0%	2,858	2,644	92.5%	214	7.5%
0.0%	0	0.0%	34	33	97.1%	1	2.9%	0	0	0.0%	0	0.0%	34	33	97.1%	1	2.9%
0.0%	0	0.0%	49,215	42,584	86.5%	6,631	13.5%	1	1	100.0%	0	0.0%	49,218	42,587	86.5%	6,631	13.5%

51.366(a)(2)(ii)&(iii) LDV

51.366(a)(2)(ii) & (iii) - 2011 TESTS
 ONLY FAILED LIGHT DUTY TRUCKS (1 & 2)

Tests

Tests, Voluntary Tests

TESTS			OBD TESTS					GAS CAP ONLY RETESTS					TOTAL				
P RATE	FAIL	F RATE	1ST RT	PASS	P RATE	FAIL	F RATE	1ST RT	PASS	P RATE	FAIL	F RATE	1ST RT	PASS	P RATE	FAIL	F RATE
0.0%	0	0.0%	980	751	76.6%	229	23.4%	4	4	100.0%	0	0.0%	984	755	76.7%	229	23.3%
0.0%	1	100.0%	5,251	4,306	82.0%	945	18.0%	7	6	85.7%	1	14.3%	5,259	4,312	82.0%	947	18.0%
0.0%	0	0.0%	1,501	1,194	79.5%	307	20.5%	3	2	66.7%	1	33.3%	1,505	1,197	79.5%	308	20.5%
0.0%	0	0.0%	6,350	5,492	86.5%	858	13.5%	7	7	100.0%	0	0.0%	6,357	5,499	86.5%	858	13.5%
0.0%	0	0.0%	1,298	1,094	84.3%	204	15.7%	4	4	100.0%	0	0.0%	1,302	1,098	84.3%	204	15.7%
0.0%	0	0.0%	8,292	7,213	87.0%	1,079	13.0%	13	13	100.0%	0	0.0%	8,306	7,227	87.0%	1,079	13.0%
0.0%	0	0.0%	1,599	1,396	87.3%	203	12.7%	2	2	100.0%	0	0.0%	1,601	1,398	87.3%	203	12.7%
0.0%	0	0.0%	6,362	5,896	92.7%	466	7.3%	0	0	0.0%	0	0.0%	6,362	5,896	92.7%	466	7.3%
0.0%	0	0.0%	889	798	89.8%	91	10.2%	1	1	100.0%	0	0.0%	890	799	89.8%	91	10.2%
0.0%	0	0.0%	4,513	4,201	93.1%	312	6.9%	0	0	0.0%	0	0.0%	4,513	4,201	93.1%	312	6.9%
0.0%	0	0.0%	577	523	90.6%	54	9.4%	0	0	0.0%	0	0.0%	577	523	90.6%	54	9.4%
0.0%	0	0.0%	2,185	2,055	94.1%	130	5.9%	6	6	100.0%	0	0.0%	2,191	2,061	94.1%	130	5.9%
0.0%	0	0.0%	33	32	97.0%	1	3.0%	0	0	0.0%	0	0.0%	33	32	97.0%	1	3.0%
66.7%	1	33.3%	39,830	34,951	87.8%	4,879	12.2%	47	45	95.7%	2	4.3%	39,880	34,998	87.8%	4,882	12.2%

51.366(a)(2)(ii)&(iii) LDT

51.366(a)(2)(ii) & (iii) - 2011 TESTS
 ONLY FAILED HEAVY DUTY VEHICLES

Tests
 Tests, Voluntary Tests

TESTS			OBD TESTS					GAS CAP ONLY RETESTS					TOTAL				
P RATE	FAIL	F RATE	1ST RT	PASS	P RATE	FAIL	F RATE	1ST RT	PASS	P RATE	FAIL	F RATE	1ST RT	PASS	P RATE	FAIL	F RATE
59.5%	17	40.5%	0	0	0.0%	0	0.0%	94	93	98.9%	1	1.1%	136	118	86.8%	18	13.2%
62.9%	59	37.1%	0	0	0.0%	0	0.0%	513	505	98.4%	8	1.6%	672	605	90.0%	67	10.0%
44.4%	15	55.6%	0	0	0.0%	0	0.0%	112	112	100.0%	0	0.0%	139	124	89.2%	15	10.8%
60.8%	71	39.2%	0	0	0.0%	0	0.0%	743	729	98.1%	14	1.9%	924	839	90.8%	85	9.2%
51.4%	18	48.6%	0	0	0.0%	0	0.0%	185	182	98.4%	3	1.6%	222	201	90.5%	21	9.5%
77.5%	20	22.5%	0	0	0.0%	0	0.0%	606	596	98.3%	10	1.7%	695	665	95.7%	30	4.3%
36.4%	7	63.6%	0	0	0.0%	0	0.0%	108	108	100.0%	0	0.0%	119	112	94.1%	7	5.9%
78.3%	13	21.7%	0	0	0.0%	0	0.0%	813	805	99.0%	8	1.0%	873	852	97.6%	21	2.4%
66.7%	1	33.3%	0	0	0.0%	0	0.0%	98	95	96.9%	3	3.1%	101	97	96.0%	4	4.0%
58.8%	7	41.2%	0	0	0.0%	0	0.0%	403	395	98.0%	8	2.0%	420	405	96.4%	15	3.6%
00.0%	0	0.0%	0	0	0.0%	0	0.0%	56	55	98.2%	1	1.8%	59	58	98.3%	1	1.7%
66.7%	1	33.3%	0	0	0.0%	0	0.0%	233	230	98.7%	3	1.3%	236	232	98.3%	4	1.7%
0.0%	0	0.0%	0	0	0.0%	0	0.0%	7	7	100.0%	0	0.0%	7	7	100.0%	0	0.0%
63.8%	229	36.2%	0	0	0.0%	0	0.0%	3,971	3,912	98.5%	59	1.5%	4,603	4,315	93.7%	288	6.3%

51.366(a)(2)(ii)&(iii) HDV

51.366(a)(2)(iv) - 2011 TESTS
 OF THE SECOND OR SUBSEQUENT RETEST
 OBD Retests
 Voluntary Tests

TESTS	OBD TESTS						GAS CAP ONLY TESTS						TOTAL				
	PASS	% INIT	% 2ND	INIT FAIL	2ND+ RT	PASS	% INIT	% 2ND	INIT FAIL	2ND+ RT	PASS	% INIT	% 2ND	INIT FAIL	2ND+ RT	PASS	% INIT
8	12.1%	53.3%	4,951	367	216	4.4%	58.9%	111	3	3	2.7%	100.0%	5,116	385	227	4.4%	59.0%
27	13.4%	62.8%	18,668	1,565	1,017	5.4%	65.0%	569	25	25	4.4%	100.0%	19,396	1,633	1,069	5.5%	65.5%
6	16.2%	42.9%	6,367	456	290	4.6%	63.6%	122	3	3	2.5%	100.0%	6,521	473	299	4.6%	63.2%
35	15.7%	46.1%	21,618	1,467	1,003	4.6%	68.4%	789	26	26	3.3%	100.0%	22,595	1,569	1,064	4.7%	67.8%
8	14.8%	47.1%	6,359	410	266	4.2%	64.9%	199	6	6	3.0%	100.0%	6,603	433	280	4.2%	64.7%
6	5.7%	37.5%	25,761	1,754	1,136	4.4%	64.8%	629	16	16	2.5%	100.0%	26,489	1,786	1,158	4.4%	64.8%
1	7.1%	25.0%	5,743	341	228	4.0%	66.9%	120	0	0	0.0%	0.0%	5,875	345	229	3.9%	66.4%
4	5.3%	80.0%	17,357	872	613	3.5%	70.3%	831	14	14	1.7%	100.0%	18,254	891	631	3.5%	70.8%
1	20.0%	100.0%	3,286	183	117	3.6%	63.9%	102	3	3	2.9%	100.0%	3,393	187	121	3.6%	64.7%
3	15.0%	100.0%	11,973	522	391	3.3%	74.9%	409	10	10	2.4%	100.0%	12,399	535	404	3.3%	75.5%
0	0.0%	0.0%	2,087	101	82	3.9%	81.2%	57	0	0	0.0%	0.0%	2,148	101	82	3.8%	81.2%
1	25.0%	100.0%	7,066	287	214	3.0%	74.6%	241	3	3	1.2%	100.0%	7,311	291	218	3.0%	74.9%
0	0.0%	0.0%	220	0	0	0.0%	0.0%	9	0	0	0.0%	0.0%	229	0	0	0.0%	0.0%
100	12.4%	51.3%	131,456	8,325	5,573	4.2%	66.9%	4,188	109	109	2.6%	100.0%	136,329	8,629	5,782	4.2%	67.0%

51.366(a)(2)(iv) ALL

66(a)(2)(iv) - 2011 TESTS

PER VEHICLES PASSING THE SECOND OR SUBSEQUENT RETEST

OBDD Retests

Voluntary Tests

TESTS			OBDD TESTS					GAS CAP ONLY TESTS					TOTAL				
PASS	% INIT	% 2ND	INIT FAIL	2ND+ RT	PASS	% INIT	% 2ND	INIT FAIL	2ND+ RT	PASS	% INIT	% 2ND	INIT FAIL	2ND+ RT	PASS	% INIT	% 2ND
0	0.0%	0.0%	2,998	209	125	4.2%	59.8%	0	0	0	0.0%	0.0%	2,998	209	125	4.2%	59.8%
0	0.0%	0.0%	10,911	828	526	4.8%	63.5%	0	0	0	0.0%	0.0%	10,911	828	526	4.8%	63.5%
0	0.0%	0.0%	3,589	248	164	4.6%	66.1%	0	0	0	0.0%	0.0%	3,589	248	164	4.6%	66.1%
0	0.0%	0.0%	12,647	804	545	4.3%	67.8%	0	0	0	0.0%	0.0%	12,647	804	545	4.3%	67.8%
0	0.0%	0.0%	4,153	268	171	4.1%	63.8%	1	0	0	0.0%	0.0%	4,155	268	171	4.1%	63.8%
0	0.0%	0.0%	14,745	964	600	4.1%	62.2%	0	0	0	0.0%	0.0%	14,745	964	600	4.1%	62.2%
0	0.0%	0.0%	3,257	200	127	3.9%	63.5%	0	0	0	0.0%	0.0%	3,258	200	127	3.9%	63.5%
0	0.0%	0.0%	9,387	478	339	3.6%	70.9%	0	0	0	0.0%	0.0%	9,390	478	339	3.6%	70.9%
0	0.0%	0.0%	1,882	119	74	3.9%	62.2%	0	0	0	0.0%	0.0%	1,883	119	74	3.9%	62.2%
0	0.0%	0.0%	6,092	277	208	3.4%	75.1%	0	0	0	0.0%	0.0%	6,092	277	208	3.4%	75.1%
0	0.0%	0.0%	1,194	62	48	4.0%	77.4%	0	0	0	0.0%	0.0%	1,194	62	48	4.0%	77.4%
0	0.0%	0.0%	4,180	176	122	2.9%	69.3%	0	0	0	0.0%	0.0%	4,181	176	122	2.9%	69.3%
0	0.0%	0.0%	124	0	0	0.0%	0.0%	0	0	0	0.0%	0.0%	124	0	0	0.0%	0.0%
0	0.0%	0.0%	75,159	4,633	3,049	4.1%	65.8%	1	0	0	0.0%	0.0%	75,167	4,633	3,049	4.1%	65.8%

51.366(a)(2)(iv) LDV

66(a)(2)(iv) - 2011 TESTS
& 2) PASSING THE SECOND OR SUBSEQUENT RETEST

OBDD Retests

Voluntary Tests

TESTS			OBDD TESTS					GAS CAP ONLY TESTS					TOTAL				
PASS	% INIT	% 2ND	INIT FAIL	2ND+ RT	PASS	% INIT	% 2ND	INIT FAIL	2ND+ RT	PASS	% INIT	% 2ND	INIT FAIL	2ND+ RT	PASS	% INIT	% 2ND
0	0.0%	0.0%	1,953	158	91	4.7%	57.6%	5	0	0	0.0%	0.0%	1,957	158	91	4.6%	57.6%
0	0.0%	0.0%	7,757	737	491	6.3%	66.6%	8	2	2	25.0%	100.0%	7,763	739	493	6.4%	66.7%
0	0.0%	0.0%	2,778	208	126	4.5%	60.6%	2	1	1	50.0%	100.0%	2,781	209	127	4.6%	60.8%
0	0.0%	0.0%	8,971	663	458	5.1%	69.1%	7	0	0	0.0%	0.0%	8,980	663	458	5.1%	69.1%
0	0.0%	0.0%	2,206	142	95	4.3%	66.9%	4	0	0	0.0%	0.0%	2,210	142	95	4.3%	66.9%
0	0.0%	0.0%	11,016	790	536	4.9%	67.8%	13	0	0	0.0%	0.0%	11,030	790	536	4.9%	67.8%
0	0.0%	0.0%	2,486	141	101	4.1%	71.6%	3	0	0	0.0%	0.0%	2,488	141	101	4.1%	71.6%
0	0.0%	0.0%	7,970	394	274	3.4%	69.5%	0	0	0	0.0%	0.0%	7,970	394	274	3.4%	69.5%
0	0.0%	0.0%	1,404	64	43	3.1%	67.2%	1	0	0	0.0%	0.0%	1,405	64	43	3.1%	67.2%
0	0.0%	0.0%	5,881	245	183	3.1%	74.7%	0	0	0	0.0%	0.0%	5,881	245	183	3.1%	74.7%
0	0.0%	0.0%	893	39	34	3.8%	87.2%	0	0	0	0.0%	0.0%	893	39	34	3.8%	87.2%
0	0.0%	0.0%	2,886	111	92	3.2%	82.9%	6	0	0	0.0%	0.0%	2,892	111	92	3.2%	82.9%
0	0.0%	0.0%	96	0	0	0.0%	0.0%	0	0	0	0.0%	0.0%	95	0	0	0.0%	0.0%
0	0.0%	0.0%	56,297	3,692	2,524	4.5%	68.4%	49	3	3	6.1%	100.0%	56,345	3,695	2,527	4.5%	68.4%

51.366(a)(2)(iv) LDT

51.366(a)(2)(iv) - 2011 TESTS

PASSING THE SECOND OR SUBSEQUENT RETEST

OBD Retests

Voluntary Tests

OBD TESTS			OBD TESTS					GAS CAP ONLY TESTS					TOTAL				
PASS	% INIT	% 2ND	INIT FAIL	2ND+ RT	PASS	% INIT	% 2ND	INIT FAIL	2ND+ RT	PASS	% INIT	% 2ND	INIT FAIL	2ND+ RT	PASS	% INIT	% 2ND
8	12.1%	53.3%	0	0	0	0.0%	0.0%	106	3	3	2.8%	100.0%	161	18	11	6.8%	61.1%
27	13.5%	62.8%	0	0	0	0.0%	0.0%	561	23	23	4.1%	100.0%	722	66	50	6.9%	75.8%
6	16.7%	42.9%	0	0	0	0.0%	0.0%	120	2	2	1.7%	100.0%	151	16	8	5.3%	50.0%
35	15.8%	46.1%	0	0	0	0.0%	0.0%	782	26	26	3.3%	100.0%	968	102	61	6.3%	59.8%
8	15.1%	47.1%	0	0	0	0.0%	0.0%	194	6	6	3.1%	100.0%	238	23	14	5.9%	60.9%
6	5.8%	37.5%	0	0	0	0.0%	0.0%	616	16	16	2.6%	100.0%	714	32	22	3.1%	68.8%
1	7.7%	25.0%	0	0	0	0.0%	0.0%	117	0	0	0.0%	0.0%	129	4	1	0.8%	25.0%
4	5.6%	80.0%	0	0	0	0.0%	0.0%	831	14	14	1.7%	100.0%	894	19	18	2.0%	94.7%
1	25.0%	100.0%	0	0	0	0.0%	0.0%	101	3	3	3.0%	100.0%	105	4	4	3.8%	100.0%
3	15.0%	100.0%	0	0	0	0.0%	0.0%	409	10	10	2.4%	100.0%	426	13	13	3.1%	100.0%
0	0.0%	0.0%	0	0	0	0.0%	0.0%	57	0	0	0.0%	0.0%	61	0	0	0.0%	0.0%
1	33.3%	100.0%	0	0	0	0.0%	0.0%	235	3	3	1.3%	100.0%	238	4	4	1.7%	100.0%
0	0.0%	0.0%	0	0	0	0.0%	0.0%	9	0	0	0.0%	0.0%	10	0	0	0.0%	0.0%
100	12.5%	51.3%	0	0	0	0.0%	0.0%	4,138	106	106	2.6%	100.0%	4,817	301	206	4.3%	68.4%

51.366(a)(2)(iv) HDV

**USEPA TEST DATA REPORT - 40 CFR 51.366(a)(2)(v) - 2011 TESTS
ALL INITIALLY FAILED VEHICLES RECEIVING A WAIVER**

MY	VEHICLE TYPE	INITIAL FAILS	WAIVER	RATE
1996	ALL	5,017	111	2.2%
1997	ALL	18,869	329	1.7%
1998	ALL	6,404	124	1.9%
1999	ALL	21,841	332	1.5%
2000	ALL	6,413	111	1.7%
2001	ALL	25,866	624	2.4%
2002	ALL	5,757	118	2.0%
2003	ALL	17,432	233	1.3%
2004	ALL	3,291	68	2.1%
2005	ALL	11,993	125	1.0%
2006	ALL	2,092	22	1.1%
2007	ALL	7,070	46	0.7%
2008	ALL	220	0	0.0%
TOTAL	ALL	132,265	2,243	1.7%

51.366(a)(2)(v) ALL

**USEPA TEST DATA REPORT - 40 CFR 51.366(a)(2)(v) - 2011 TESTS
INITIALLY FAILED LIGHT DUTY PASSENGER VEHICLES RECEIVING A WAIVER**

MY	VEHICLE TYPE	INITIAL FAILS	WAIVER	RATE
1996	LDV	2,998	75	2.5%
1997	LDV	10,911	196	1.8%
1998	LDV	3,589	70	2.0%
1999	LDV	12,647	197	1.6%
2000	LDV	4,154	71	1.7%
2001	LDV	14,745	375	2.5%
2002	LDV	3,258	72	2.2%
2003	LDV	9,390	147	1.6%
2004	LDV	1,883	40	2.1%
2005	LDV	6,092	68	1.1%
2006	LDV	1,194	13	1.1%
2007	LDV	4,181	36	0.9%
2008	LDV	124	0	0.0%
TOTAL	LDV	75,166	1,360	1.8%

51.366(a)(2)(v) LDV

**USEPA TEST DATA REPORT - 40 CFR 51.366(a)(2)(v) - 2011 TESTS
INITIALLY FAILED LIGHT DUTY TRUCKS (1 & 2) RECEIVING A WAIVER**

MY	VEHICLE TYPE	INITIAL FAILS	WAIVER	RATE
1996	LDT	1,953	34	1.7%
1997	LDT	7,758	123	1.6%
1998	LDT	2,779	51	1.8%
1999	LDT	8,973	122	1.4%
2000	LDT	2,206	35	1.6%
2001	LDT	11,017	245	2.2%
2002	LDT	2,486	44	1.8%
2003	LDT	7,970	86	1.1%
2004	LDT	1,404	28	2.0%
2005	LDT	5,881	57	1.0%
2006	LDT	893	9	1.0%
2007	LDT	2,886	10	0.3%
2008	LDT	96	0	0.0%
TOTAL	LDT	56,302	844	1.5%

51.366(a)(2)(v) LDT

**USEPA TEST DATA REPORT - 40 CFR 51.366(a)(2)(v) - 2011 TESTS
INITIALLY FAILED HEAVY DUTY VEHICLES RECEIVING A WAIVER**

MY	VEHICLE TYPE	INITIAL FAILS	WAIVER	RATE
1996	HDV	66	2	3.0%
1997	HDV	200	10	5.0%
1998	HDV	36	3	8.3%
1999	HDV	221	13	5.9%
2000	HDV	53	5	9.4%
2001	HDV	104	4	3.8%
2002	HDV	13	2	15.4%
2003	HDV	72	0	0.0%
2004	HDV	4	0	0.0%
2005	HDV	20	0	0.0%
2006	HDV	5	0	0.0%
2007	HDV	3	0	0.0%
2008	HDV	0	0	0.0%
TOTAL	HDV	797	39	4.9%

51.366(a)(2)(v) HDV

USEPA TEST DATA REPORT - 40 CFR 51.366(a)(2)(vi) - 2011 TESTS
ALL INITIALLY FAILED VEHICLES WITH NO KNOWN FINAL OUTCOME
 Vehicles that failed the initial test that have not passed a retest, been deleted,
 received a waiver, temporary extension, hardship extension, or been exempted as of 6/4/2012

MY	VEHICLE TYPE	INITIAL TESTS	NUMBER W/O RES	RATE
1996	ALL	23,882	2,085	8.7%
1997	ALL	146,410	4,080	2.8%
1998	ALL	38,034	2,464	6.5%
1999	ALL	218,695	3,864	1.8%
2000	ALL	52,275	2,364	4.5%
2001	ALL	266,774	4,194	1.6%
2002	ALL	55,512	1,765	3.2%
2003	ALL	305,198	1,902	0.6%
2004	ALL	53,849	832	1.5%
2005	ALL	329,999	1,103	0.3%
2006	ALL	58,389	467	0.8%
2007	ALL	335,279	586	0.2%
2008	ALL	25,271	8	0.0%
TOTAL	ALL	1,909,567	25,714	1.3%

51.366(a)(2)(vi) ALL

USEPA TEST DATA REPORT - 40 CFR 51.366(a)(2)(vi) - 2011 TESTS
INITIALLY FAILED LIGHT DUTY PASSENGER VEHICLES WITH NO KNOWN FINAL OUTCOME
 Vehicles that failed the initial test that have not passed a retest, been deleted,
 received a waiver, temporary extension, hardship extension, or been exempted as of 6/4/2012

MY	VEHICLE TYPE	INITIAL TESTS	NUMBER W/O RES	RATE
1996	LDV	14,522	1,263	8.7%
1997	LDV	85,759	2,445	2.9%
1998	LDV	21,295	1,384	6.5%
1999	LDV	119,587	2,322	1.9%
2000	LDV	30,002	1,552	5.2%
2001	LDV	146,841	2,620	1.8%
2002	LDV	28,927	1,087	3.8%
2003	LDV	159,196	1,199	0.8%
2004	LDV	27,511	533	1.9%
2005	LDV	165,581	664	0.4%
2006	LDV	31,356	289	0.9%
2007	LDV	184,798	384	0.2%
2008	LDV	12,928	4	0.0%
TOTAL	LDV	1,028,303	15,746	1.5%

51.366(a)(2)(vi) LDV

**USEPA TEST DATA REPORT - 40 CFR 51.366(a)(2)(vi) - 2011 TESTS
INITIALLY FAILED LIGHT DUTY TRUCKS (1 & 2) WITH NO KNOWN FINAL OUTCOME**
Vehicles that failed the initial test that have not passed a retest, been deleted,
received a waiver, temporary extension, hardship extension, or been exempted as of 6/4/2012

MY	VEHICLE TYPE	INITIAL TESTS	NUMBER W/O RES	RATE
1996	LDT	8,719	812	9.3%
1997	LDT	55,844	1,629	2.9%
1998	LDT	15,863	1,072	6.8%
1999	LDT	91,806	1,532	1.7%
2000	LDT	20,698	803	3.9%
2001	LDT	111,255	1,574	1.4%
2002	LDT	25,273	672	2.7%
2003	LDT	136,226	702	0.5%
2004	LDT	25,108	293	1.2%
2005	LDT	156,017	438	0.3%
2006	LDT	25,589	174	0.7%
2007	LDT	143,241	202	0.1%
2008	LDT	11,953	4	0.0%
TOTAL	LDT	827,592	9,907	1.2%

51.366(a)(2)(vi) LDT

**USEPA TEST DATA REPORT - 40 CFR 51.366(a)(2)(vi) - 2011 TESTS
INITIALLY FAILED HEAVY DUTY VEHICLES WITH NO KNOWN FINAL OUTCOME**
Vehicles that failed the initial test that have not passed a retest, been deleted,
received a waiver, temporary extension, hardship extension, or been exempted as of 6/4/2012

MY	VEHICLE TYPE	INITIAL TESTS	NUMBER W/O RES	RATE
1996	HDV	641	10	1.6%
1997	HDV	4,807	6	0.1%
1998	HDV	876	8	0.9%
1999	HDV	7,302	10	0.1%
2000	HDV	1,575	9	0.6%
2001	HDV	8,678	0	0.0%
2002	HDV	1,312	6	0.5%
2003	HDV	9,776	1	0.0%
2004	HDV	1,230	6	0.5%
2005	HDV	8,401	1	0.0%
2006	HDV	1,444	4	0.3%
2007	HDV	7,240	0	0.0%
2008	HDV	390	0	0.0%
TOTAL	HDV	53,672	61	0.1%

51.366(a)(2)(vi) HDV

USEPA TEST DATA REPORT - 40 CFR 51.366(a)(2)(xi) & (xii) - 2011 TESTS**ALL VEHICLE OBD TEST RESULTS****Included: Initial OBD Tests that end in Pass or Fail****Excluded: Rejects, Aborts, Voided Tests, Voluntary Tests**

MY	VEHICLE TYPE	TESTED	PASS	PASS RATE	FAIL	FAIL RATE
1996	ALL	23,215	18,264	78.7%	4,951	21.3%
1997	ALL	141,502	122,834	86.8%	18,668	13.2%
1998	ALL	37,129	30,762	82.9%	6,367	17.1%
1999	ALL	211,280	189,662	89.8%	21,618	10.2%
2000	ALL	50,639	44,280	87.4%	6,359	12.6%
2001	ALL	257,951	232,190	90.0%	25,761	10.0%
2002	ALL	54,153	48,410	89.4%	5,743	10.6%
2003	ALL	295,375	278,018	94.1%	17,357	5.9%
2004	ALL	52,615	49,329	93.8%	3,286	6.2%
2005	ALL	321,591	309,618	96.3%	11,973	3.7%
2006	ALL	56,942	54,855	96.3%	2,087	3.7%
2007	ALL	327,969	320,903	97.8%	7,066	2.2%
2008	ALL	24,867	24,647	99.1%	220	0.9%
TOTAL	ALL	1,855,228	1,723,772	92.9%	131,456	7.1%

51.366(a)(2)(xi) & (xii) ALL

**USEPA TEST DATA REPORT - 40 CFR 51.366(a)(2)(xi) & (xii) - 2011 TESTS
LIGHT DUTY PASSENGER VEHICLE OBD TEST RESULTS**

Included: Initial OBD Tests that end in Pass or Fail

Excluded: Rejects, Aborts, Voided Tests, Voluntary Tests

MY	VEHICLE TYPE	TESTED	PASS	PASS RATE	FAIL	FAIL RATE
1996	LDV	14,522	11,524	79.4%	2,998	20.6%
1997	LDV	85,756	74,845	87.3%	10,911	12.7%
1998	LDV	21,293	17,704	83.1%	3,589	16.9%
1999	LDV	119,580	106,933	89.4%	12,647	10.6%
2000	LDV	29,999	25,846	86.2%	4,153	13.8%
2001	LDV	146,832	132,087	90.0%	14,745	10.0%
2002	LDV	28,925	25,668	88.7%	3,257	11.3%
2003	LDV	159,160	149,773	94.1%	9,387	5.9%
2004	LDV	27,508	25,626	93.2%	1,882	6.8%
2005	LDV	165,577	159,485	96.3%	6,092	3.7%
2006	LDV	31,355	30,161	96.2%	1,194	3.8%
2007	LDV	184,789	180,609	97.7%	4,180	2.3%
2008	LDV	12,928	12,804	99.0%	124	1.0%
TOTAL	LDV	1,028,224	953,065	92.7%	75,159	7.3%

51.366(a)(2)(xi) & (xii) LDV

**USEPA TEST DATA REPORT - 40 CFR 51.366(a)(2)(xi) & (xii) - 2011 TESTS
LIGHT DUTY TRUCKS (1 & 2) OBD TEST RESULTS**

Included: Initial OBD Tests that end in Pass or Fail

Excluded: Rejects, Aborts, Voided Tests, Voluntary Tests

MY	VEHICLE TYPE	TESTED	PASS	PASS RATE	FAIL	FAIL RATE
1996	LDT	8,693	6,740	77.5%	1,953	22.5%
1997	LDT	55,746	47,989	86.1%	7,757	13.9%
1998	LDT	15,836	13,058	82.5%	2,778	17.5%
1999	LDT	91,700	82,729	90.2%	8,971	9.8%
2000	LDT	20,640	18,434	89.3%	2,206	10.7%
2001	LDT	111,119	100,103	90.1%	11,016	9.9%
2002	LDT	25,228	22,742	90.1%	2,486	9.9%
2003	LDT	136,215	128,245	94.1%	7,970	5.9%
2004	LDT	25,107	23,703	94.4%	1,404	5.6%
2005	LDT	156,014	150,133	96.2%	5,881	3.8%
2006	LDT	25,587	24,694	96.5%	893	3.5%
2007	LDT	143,180	140,294	98.0%	2,886	2.0%
2008	LDT	11,939	11,843	99.2%	96	0.8%
TOTAL	LDT	827,004	770,707	93.2%	56,297	6.8%

51.366(a)(2)(xi) & (xii) LDT

**USEPA TEST DATA REPORT - 40 CFR 51.366(a)(2)(xiii) & (xiv) - 2011 TESTS
ALL VEHICLES FAILING THE OBD TEST AND RECEIVING A FALLBACK TAILPIPE TEST**

Not Applicable: Beginning Jan 1, 2004 - Fallback exhaust testing not allowed for OBD fail.

51.366(a)(2)(xiii) & (xiv) ALL

**TEST DATA REPORT - 40 CFR 51.366(a)(2)(xv) through (xviii) - 2011 TESTS
VEHICLES - OBD AND GAS CAP TEST RESULTS**

Applicable: Beginning February 1, 2007, Vehicles receiving an OBD test no longer require a gas cap test.

51.366(a)(2)(xv) (xviii) ALL

REPORT - 40 CFR 51.366(a)(2)(xix) through (xxii) - 2011 TESTS

AND CODE STATUS

Tests that end in Pass or Fail*

Aborts, Voided Tests, Voluntary Tests

NO CODES	MIL ON	RATE	CODES STORED	MIL OFF	RATE	CODES STORED	MIL ON	RATE	NO CODES	MIL OFF	RATE
15,163	22	0.1%	7,744	3,101	40.0%	7,744	4,643	60.0%	15,163	15,140	99.8%
105,157	21	0.0%	35,071	17,609	50.2%	35,071	17,462	49.8%	105,157	105,133	100.0%
26,065	7	0.0%	10,586	4,697	44.4%	10,586	5,886	55.6%	26,065	26,058	100.0%
167,084	96	0.1%	42,297	22,578	53.4%	42,297	19,719	46.6%	167,084	166,987	99.9%
38,496	20	0.1%	11,733	5,784	49.3%	11,733	5,949	50.7%	38,496	38,476	99.9%
207,119	27	0.0%	49,297	25,071	50.9%	49,297	24,226	49.1%	207,119	207,090	100.0%
42,756	8	0.0%	11,008	5,654	51.4%	11,008	5,354	48.6%	42,756	42,747	100.0%
254,578	8	0.0%	39,610	23,440	59.2%	39,610	16,170	40.8%	254,578	254,567	100.0%
44,873	3	0.0%	7,420	4,456	60.1%	7,420	2,964	39.9%	44,873	44,870	100.0%
291,441	9	0.0%	28,860	18,177	63.0%	28,860	10,683	37.0%	291,441	291,431	100.0%
51,498	0	0.0%	5,018	3,190	63.6%	5,018	1,828	36.4%	51,498	51,498	100.0%
310,122	5	0.0%	16,675	10,783	64.7%	16,675	5,892	35.3%	310,122	310,117	100.0%
24,174	0	0.0%	610	473	77.5%	610	137	22.5%	24,174	24,174	100.0%
1,578,526	226	0.0%	265,929	145,013	54.5%	265,929	120,913	45.5%	1,578,526	1,578,288	100.0%

Successfully scanned and MIL is NOT commanded ON

or codes present/MIL commanded ON

51.366(a)(2)(xix) (xxii) ALL

TA REPORT - 40 CFR 51.366(a)(2)(xix) through (xxii) - 2011 TESTS

PASSENGER VEHICLES - MIL AND CODE STATUS

Pass, Fail, No Data, No Test, No MIL, No Codes, No OBD Tests that end in Pass or Fail*

Pass, Fail, No Data, No Test, No MIL, No Codes, No OBD Tests that end in Pass or Fail*, Aborts, Voided Tests, Voluntary Tests

TEST	NO CODES	MIL ON	RATE	CODES STORED	MIL OFF	RATE	CODES STORED	MIL ON	RATE	NO CODES	MIL OFF	RATE
✓	9,745	20	0.2%	4,573	1,779	38.9%	4,573	2,794	61.1%	9,745	9,724	99.8%
✓	64,268	20	0.0%	20,608	10,509	51.0%	20,608	10,099	49.0%	64,268	64,247	100.0%
✓	15,057	6	0.0%	5,926	2,647	44.7%	5,926	3,276	55.3%	15,057	15,051	100.0%
✓	93,879	35	0.0%	24,405	13,054	53.5%	24,405	11,351	46.5%	93,879	93,844	100.0%
✓	22,504	5	0.0%	7,189	3,342	46.5%	7,189	3,847	53.5%	22,504	22,499	100.0%
✓	116,669	12	0.0%	29,163	15,418	52.9%	29,163	13,745	47.1%	116,669	116,656	100.0%
✓	22,533	5	0.0%	6,190	3,135	50.6%	6,190	3,055	49.4%	22,533	22,528	100.0%
✓	138,088	3	0.0%	20,474	11,685	57.1%	20,474	8,789	42.9%	138,088	138,082	100.0%
✓	23,367	1	0.0%	3,992	2,259	56.6%	3,992	1,733	43.4%	23,367	23,366	100.0%
✓	150,357	4	0.0%	14,654	9,128	62.3%	14,654	5,526	37.7%	150,357	150,352	100.0%
✓	28,394	0	0.0%	2,627	1,600	60.9%	2,627	1,027	39.1%	28,394	28,394	100.0%
✓	175,013	5	0.0%	9,002	5,598	62.2%	9,002	3,404	37.8%	175,013	175,008	100.0%
✓	12,551	0	0.0%	320	253	79.1%	320	67	20.9%	12,551	12,551	100.0%
✓	872,425	116	0.0%	149,123	80,407	53.9%	149,123	68,713	46.1%	872,425	872,302	100.0%

Successfully scanned and MIL is NOT commanded ON

Failed for codes present/MIL commanded ON

51.366(a)(2)(xix) (xxii) LDV

TA REPORT - 40 CFR 51.366(a)(2)(xix) through (xxii) - 2011 TESTS

CHECKS - MIL AND CODE STATUS

Pass, Abort, Voided Tests, Voluntary Tests

Pass, Abort, Voided Tests, Voluntary Tests

TEST	NO CODES	MIL ON	RATE	CODES STORED	MIL OFF	RATE	CODES STORED	MIL ON	RATE	NO CODES	MIL OFF	RATE
Pass	5,418	2	0.0%	3,171	1,322	41.7%	3,171	1,849	58.3%	5,418	5,416	100.0%
Pass	40,889	1	0.0%	14,463	7,100	49.1%	14,463	7,363	50.9%	40,889	40,886	100.0%
Pass	11,008	1	0.0%	4,660	2,050	44.0%	4,660	2,610	56.0%	11,008	11,007	100.0%
Pass	73,205	61	0.1%	17,892	9,524	53.2%	17,892	8,368	46.8%	73,205	73,143	99.9%
Pass	15,992	15	0.1%	4,544	2,442	53.7%	4,544	2,102	46.3%	15,992	15,977	99.9%
Pass	90,450	15	0.0%	20,134	9,653	47.9%	20,134	10,481	52.1%	90,450	90,434	100.0%
Pass	20,223	3	0.0%	4,818	2,519	52.3%	4,818	2,299	47.7%	20,223	20,219	100.0%
Pass	116,490	5	0.0%	19,136	11,755	61.4%	19,136	7,381	38.6%	116,490	116,485	100.0%
Pass	21,506	2	0.0%	3,428	2,197	64.1%	3,428	1,231	35.9%	21,506	21,504	100.0%
Pass	141,084	5	0.0%	14,206	9,049	63.7%	14,206	5,157	36.3%	141,084	141,079	100.0%
Pass	23,104	0	0.0%	2,391	1,590	66.5%	2,391	801	33.5%	23,104	23,104	100.0%
Pass	135,109	0	0.0%	7,673	5,185	67.6%	7,673	2,488	32.4%	135,109	135,109	100.0%
Pass	11,623	0	0.0%	290	220	75.9%	290	70	24.1%	11,623	11,623	100.0%
Pass	706,101	110	0.0%	116,806	64,606	55.3%	116,806	52,200	44.7%	706,101	705,986	100.0%

Successfully scanned and MIL is NOT commanded ON

Pass for codes present/MIL commanded ON

51.366(a)(2)(xix) (xxii) LDT

**USEPA TEST DATA REPORT - 40 CFR 51.366(a)(2)(xxiii) - 2011 TESTS
VEHICLES REJECTED FOR OBD READINESS - ALL VEHICLES**

Included: Initial OBD Tests that end in Pass, Fail or Readiness Reject

Excluded: Aborts, Voided Tests, Voluntary Tests

MY	VEHICLE TYPE	TESTED	*NOT READY	RATE
1996	ALL	23,253	1,499	6.4%
1997	ALL	142,741	7,656	5.4%
1998	ALL	37,207	2,404	6.5%
1999	ALL	212,621	9,006	4.2%
2000	ALL	50,651	2,361	4.7%
2001	ALL	259,924	17,400	6.7%
2002	ALL	54,029	3,232	6.0%
2003	ALL	296,325	9,421	3.2%
2004	ALL	52,551	1,655	3.1%
2005	ALL	322,097	6,210	1.9%
2006	ALL	56,918	1,092	1.9%
2007	ALL	328,266	3,601	1.1%
2008	ALL	24,937	162	0.6%
TOTAL	ALL	1,861,520	65,699	3.5%

*NOT READY:

1996-2000 Model Year Vehicle = 3 or more non-continuous monitors "Not Ready"

2001+ Model Year Vehicle = 2 or more non-continuous monitors "Not Ready"

51.366(a)(2)(xxiii) ALL

**USEPA TEST DATA REPORT - 40 CFR 51.366(a)(2)(xxiii) - 2011 TESTS
VEHICLES REJECTED FOR OBD READINESS - LIGHT DUTY VEHICLES**
Included: Initial OBD Tests that end in Pass, Fail or Readiness Reject
Excluded: Aborts, Voided Tests, Voluntary Tests

MY	VEHICLE TYPE	TESTED	*NOT READY	RATE
1996	LDV	14,523	889	6.1%
1997	LDV	86,468	4,253	4.9%
1998	LDV	21,331	1,299	6.1%
1999	LDV	120,312	5,050	4.2%
2000	LDV	30,002	1,403	4.7%
2001	LDV	147,948	9,206	6.2%
2002	LDV	28,883	1,711	5.9%
2003	LDV	159,728	5,305	3.3%
2004	LDV	27,475	973	3.5%
2005	LDV	165,827	3,202	1.9%
2006	LDV	31,350	670	2.1%
2007	LDV	185,003	2,046	1.1%
2008	LDV	12,970	92	0.7%
TOTAL	LDV	1,031,820	36,099	3.5%

***NOT READY:**

1996-2000 Model Year Vehicle = 3 or more non-continuous monitors "Not Ready"

2001+ Model Year Vehicle = 2 or more non-continuous monitors "Not Ready"

51.366(a)(2)(xxiii) LDV

**USEPA TEST DATA REPORT - 40 CFR 51.366(a)(2)(xxiii) - 2011 TESTS
VEHICLES REJECTED FOR OBD READINESS - LIGHT TRUCKS 1 & 2**

Included: Initial OBD Tests that end in Pass, Fail or Readiness Reject

Excluded: Aborts, Voided Tests, Voluntary Tests

MY	VEHICLE TYPE	TESTED	*NOT READY	RATE
1996	LDT	8,730	610	7.0%
1997	LDT	56,273	3,403	6.0%
1998	LDT	15,876	1,105	7.0%
1999	LDT	92,309	3,956	4.3%
2000	LDT	20,649	958	4.6%
2001	LDT	111,976	8,194	7.3%
2002	LDT	25,146	1,521	6.0%
2003	LDT	136,597	4,116	3.0%
2004	LDT	25,076	682	2.7%
2005	LDT	156,270	3,008	1.9%
2006	LDT	25,568	422	1.7%
2007	LDT	143,263	1,555	1.1%
2008	LDT	11,967	70	0.6%
TOTAL	LDT	829,700	29,600	3.6%

*NOT READY:

1996-2000 Model Year Vehicle = 3 or more non-continuous monitors "Not Ready"

2001+ Model Year Vehicle = 2 or more non-continuous monitors "Not Ready"

51.366(a)(2)(xxiii) LDT

FR 51.366(a)(3) - 2011 TESTS

STATION (Centralized Test-Only Stations)

Official tests with Overall Result in Pass or Fail

Tests, Voluntary Tests

STATION														TOTAL
7	8	11	12	13	16	22	24	26	27	29	30	53	54	
1,196	912	1,370	1,287	2,181	1,963	3,366	1,862	1,260	2,680	346	603	728	437	23,304
8,554	6,597	9,561	9,301	13,046	11,122	18,864	12,317	7,264	14,364	1,751	2,727	3,505	3,738	143,453
2,053	1,475	2,260	2,176	3,371	3,293	5,145	3,184	1,912	4,027	467	787	1,049	771	37,116
13,478	10,470	14,544	13,805	18,445	16,400	26,183	19,653	10,793	20,046	2,537	3,908	5,320	6,173	214,003
2,920	2,093	3,186	2,925	4,339	4,267	6,838	4,508	2,645	5,418	680	1,137	1,662	1,255	50,954
17,253	12,825	17,808	16,892	20,940	18,677	28,650	25,403	13,798	23,905	3,081	4,937	6,709	9,085	260,679
3,282	2,389	3,451	3,124	4,236	4,206	6,334	5,001	3,111	5,499	763	1,245	1,845	1,552	54,084
20,486	14,897	20,636	19,574	22,283	20,792	29,856	31,034	16,294	25,786	3,407	5,546	7,340	11,564	298,126
3,319	2,335	3,298	3,134	4,004	4,123	5,242	5,308	2,917	4,973	763	1,252	1,727	1,839	52,442
22,346	15,650	22,275	20,525	23,550	21,786	30,550	34,074	18,072	28,089	3,994	6,120	8,539	14,087	321,890
3,806	2,585	3,610	3,289	4,181	4,413	5,394	5,835	3,138	5,232	791	1,309	1,884	2,252	56,702
22,699	15,691	22,265	21,119	22,699	24,536	29,065	35,400	18,029	28,367	3,972	6,097	8,185	14,387	324,748
1,761	1,331	1,864	1,554	1,628	1,481	2,034	2,676	1,484	1,881	299	444	605	1,232	24,653
23,153	89,250	126,128	118,705	144,903	137,059	197,521	186,255	100,717	170,267	22,851	36,112	49,098	68,372	1,862,154

51.366(a)(3) Test Only

Fail

		STATION																												TOTAL			
11	313	317	318	322	323	325	326	330	335	336	337	338	340	342	343	401	402	403	404	406	408	409	412	413	414	415	416	417	501	601	602	603	TOTAL
4	5	3	7	7	16	24	40	10	1	5	8	13	3	5	1	27	41	14	66	82	21	30	1	26	5	6	12	1	10	0	1	4	578
19	93	5	39	35	126	45	235	37	27	11	32	73	13	38	4	102	124	60	312	352	96	94	23	137	39	12	37	11	60	2	7	4	2,957
2	18	2	12	10	40	44	54	19	8	6	25	20	6	14	1	46	68	15	92	103	28	30	5	41	11	5	18	6	17	2	5	6	918
31	137	6	95	83	180	64	342	65	48	29	51	131	46	92	3	119	199	134	409	514	172	143	39	217	40	17	59	23	91	5	16	13	4,692
3	32	5	24	28	37	42	81	16	13	7	32	41	12	20	5	78	84	36	113	144	47	39	11	73	9	8	23	4	24	3	6	1,321	
25	214	9	109	108	246	70	509	58	54	31	47	158	56	119	5	147	286	197	477	608	267	171	35	302	54	26	56	22	128	5	24	17	6,095
9	47	1	23	17	46	35	93	12	13	11	27	36	11	37	3	48	102	51	103	141	72	33	13	58	22	4	21	6	23	5	12	14	1,428
36	243	14	160	111	250	89	579	84	92	28	46	213	76	148	5	138	316	234	436	683	389	175	58	374	73	22	49	19	161	9	17	31	7,073
5	37	1	40	24	55	29	81	18	16	10	17	42	11	28	3	45	95	41	89	120	74	41	13	67	22	6	21	9	37	7	6	13	1,407
40	312	11	211	139	326	69	604	90	113	37	26	231	78	167	4	177	355	298	482	731	465	203	71	400	90	30	70	34	190	6	21	34	8,109
6	49	1	72	39	43	29	102	16	24	8	10	52	12	59	1	42	105	52	109	126	89	40	15	92	24	6	31	9	27	6	9	26	1,686
65	359	19	364	178	303	87	656	120	152	40	22	360	83	241	17	249	593	459	547	929	613	256	91	557	119	35	131	37	275	16	36	39	10,531
3	21	0	21	11	13	0	66	2	3	2	0	15	6	19	4	6	15	18	30	28	42	9	5	32	20	5	27	6	0	4	15	20	618
248	1,567	77	1,177	790	1,681	607	3,442	547	564	225	343	1,387	413	987	56	1,224	2,383	1,609	3,265	4,541	2,375	1,264	380	2,376	528	182	555	187	1,043	70	175	230	47,413

51.366(a)(3) Test & Repair

51.366(a)(4) - 2011 TESTS

TEST YEAR AND STATION (Test Only)

Tests with Overall Result in Pass or Fail

Tests, Voluntary Tests

and Fail the Gas Cap Test count as Fails

	TEST ONLY STATION													TEST ONLY	ALL STATION
	8	11	12	13	16	22	24	26	27	29	30	53	54	TOTAL	TOTAL
6%	13.0%	16.6%	19.3%	22.4%	26.3%	25.6%	17.9%	20.2%	27.9%	22.3%	23.5%	25.5%	13.5%	21.4%	21.4%
6%	10.0%	11.0%	12.7%	13.9%	16.7%	15.8%	10.8%	12.3%	17.9%	11.9%	14.2%	14.8%	8.4%	13.3%	13.2%
4%	13.5%	12.1%	15.3%	17.5%	21.5%	20.5%	14.3%	17.8%	21.9%	16.7%	15.4%	19.4%	11.8%	17.1%	17.1%
6%	8.3%	8.1%	11.0%	10.6%	13.4%	12.2%	8.9%	9.6%	13.9%	9.0%	9.4%	10.4%	6.7%	10.4%	10.3%
3%	10.0%	10.4%	12.0%	12.5%	16.2%	15.2%	10.0%	12.5%	16.6%	11.6%	11.3%	14.5%	8.0%	12.5%	12.6%
4%	7.7%	8.4%	10.6%	10.3%	12.1%	11.8%	8.2%	9.9%	14.1%	8.8%	9.7%	10.4%	7.6%	9.9%	9.9%
1%	7.5%	8.5%	10.3%	11.1%	12.7%	13.4%	8.8%	10.8%	14.3%	9.4%	10.0%	12.6%	7.2%	10.6%	10.6%
6%	4.9%	4.9%	6.2%	6.4%	7.5%	7.1%	4.8%	6.0%	8.7%	5.3%	6.3%	6.4%	4.6%	6.0%	6.0%
4%	4.5%	5.8%	5.4%	7.2%	7.7%	8.6%	4.9%	5.2%	10.5%	4.7%	6.2%	7.5%	5.3%	6.3%	6.3%
3%	2.7%	3.2%	3.3%	4.0%	4.6%	4.9%	3.0%	3.7%	6.5%	3.5%	3.9%	4.1%	2.8%	3.8%	3.8%
3%	2.2%	2.7%	3.6%	4.4%	4.5%	5.2%	2.8%	3.3%	6.1%	3.9%	3.4%	4.0%	1.9%	3.7%	3.7%
8%	1.3%	1.9%	1.9%	2.1%	3.1%	2.7%	1.8%	2.2%	4.1%	1.6%	2.0%	2.2%	1.4%	2.2%	2.2%
2%	5.3%	5.8%	7.0%	7.8%	9.2%	9.4%	5.6%	6.8%	10.6%	6.4%	7.2%	7.8%	4.5%	7.2%	7.1%

51.366(a)(4) Test Only

TEST & REPAIR STATION																								TEST & REPAIR	ALL STATION								
3	317	318	322	323	325	326	330	335	336	337	338	340	342	343	401	402	403	404	406	408	409	412	413	414	415	416	417	501	601	602	603	TOTAL	TOTAL
0%	0.0%	42.9%	28.6%	18.8%	29.2%	7.5%	20.0%	0.0%	0.0%	25.0%	69.2%	0.0%	0.0%	0.0%	40.7%	22.0%	14.3%	18.2%	25.6%	14.3%	20.0%	0.0%	23.1%	40.0%	16.7%	16.7%	100.0%	40.0%	0.0%	0.0%	50.0%	21.8%	21.4%
8%	40.0%	12.8%	11.4%	8.7%	20.0%	8.1%	5.4%	18.5%	9.1%	15.6%	11.0%	0.0%	10.5%	25.0%	25.5%	20.2%	10.0%	14.1%	15.3%	8.3%	12.8%	8.7%	10.2%	28.2%	16.7%	37.8%	18.2%	8.3%	0.0%	14.3%	0.0%	12.6%	13.2%
6%	0.0%	25.0%	10.0%	22.5%	29.5%	9.3%	21.1%	12.5%	0.0%	32.0%	10.0%	0.0%	14.3%	100.0%	30.4%	10.3%	0.0%	20.7%	26.2%	14.3%	16.7%	0.0%	17.1%	27.3%	20.0%	33.3%	33.3%	5.9%	0.0%	0.0%	16.7%	18.0%	17.1%
3%	0.0%	6.3%	2.4%	9.4%	15.6%	7.6%	12.3%	8.3%	3.4%	23.5%	10.7%	10.9%	7.6%	33.3%	21.0%	14.6%	7.5%	8.6%	11.9%	9.3%	14.0%	5.1%	6.5%	15.0%	29.4%	22.0%	4.3%	5.5%	0.0%	18.8%	0.0%	9.4%	10.3%
3%	20.0%	8.3%	7.1%	10.8%	26.2%	7.4%	6.3%	0.0%	14.3%	40.6%	17.1%	16.7%	10.0%	20.0%	35.9%	23.8%	5.6%	16.8%	20.1%	14.9%	17.9%	18.2%	12.3%	11.1%	12.5%	39.1%	50.0%	16.7%	33.3%	0.0%	0.0%	16.8%	12.6%
1%	33.3%	10.1%	9.3%	10.6%	15.7%	6.7%	10.3%	14.8%	6.5%	21.3%	8.2%	3.6%	6.7%	20.0%	17.0%	12.6%	9.6%	10.5%	11.2%	8.6%	15.2%	5.7%	10.3%	16.7%	23.1%	21.4%	27.3%	7.0%	0.0%	8.3%	0.0%	9.4%	9.9%
1%	0.0%	4.3%	11.8%	10.9%	25.1%	7.5%	16.7%	61.5%	9.1%	14.8%	13.2%	0.0%	2.7%	33.3%	25.0%	8.8%	7.8%	12.6%	12.8%	9.7%	6.1%	15.4%	8.6%	4.5%	0.0%	28.6%	33.3%	8.7%	0.0%	8.3%	0.0%	11.3%	10.6%
3%	7.1%	3.1%	6.3%	3.2%	10.1%	3.6%	3.6%	13.0%	0.0%	15.2%	8.0%	3.9%	5.4%	0.0%	11.6%	10.4%	5.1%	7.1%	8.3%	3.6%	6.9%	1.7%	8.0%	5.5%	13.6%	14.3%	21.1%	5.6%	0.0%	5.9%	0.0%	5.7%	6.0%
0%	0.0%	2.5%	0.0%	0.0%	13.8%	3.7%	22.2%	6.3%	0.0%	35.3%	2.4%	9.1%	0.0%	0.0%	13.3%	9.5%	9.8%	6.7%	4.2%	6.8%	2.4%	0.0%	9.0%	0.0%	0.0%	9.5%	0.0%	10.8%	0.0%	0.0%	0.0%	5.5%	6.3%
9%	9.1%	2.4%	2.2%	3.7%	10.1%	2.2%	2.2%	5.3%	0.0%	7.7%	3.5%	2.6%	1.2%	25.0%	8.5%	2.3%	3.4%	3.7%	6.2%	2.6%	3.9%	2.8%	6.0%	4.4%	6.7%	11.4%	8.8%	3.7%	0.0%	9.5%	5.9%	3.5%	3.8%
1%	100.0%	1.4%	5.1%	7.0%	10.3%	1.0%	12.5%	4.2%	0.0%	0.0%	3.8%	0.0%	5.1%	0.0%	4.8%	1.9%	0.0%	7.3%	5.6%	3.4%	0.0%	0.0%	3.3%	4.2%	16.7%	6.5%	0.0%	3.7%	0.0%	0.0%	3.8%	3.7%	3.7%
7%	0.0%	1.4%	1.7%	3.3%	1.1%	0.3%	10.0%	2.0%	0.0%	9.1%	2.5%	0.0%	0.4%	0.0%	4.4%	3.0%	1.1%	3.5%	2.4%	1.5%	1.6%	1.1%	2.0%	3.4%	8.6%	9.9%	5.4%	1.1%	0.0%	0.0%	2.0%	2.2%	
3%	11.7%	4.1%	4.8%	6.4%	15.2%	4.1%	8.8%	8.7%	2.7%	20.7%	6.8%	3.6%	3.9%	12.5%	15.6%	8.6%	4.7%	8.4%	9.1%	4.7%	8.1%	3.7%	6.7%	8.7%	13.7%	16.9%	13.4%	5.2%	1.4%	5.7%	2.6%	6.5%	7.1%

51.366(a)(4) Test & Repair

Illinois Test and Repair Stations - 2011
Chicago

City	Station #	Street Address	ST	Zip	Active Date	Date Removed
SCHAUMBURG	300	811A West Higgins Road	IL	60195	5/23/2008	NA
MOUNT PROSPECT	303	2094 South Elmhurst Road	IL	60056	6/10/2008	NA
ADDISON	305	716 West Lake Street	IL	60101	5/7/2008	NA
DOWNERS GROVE	306	815 Ogden Avenue	IL	60515	5/22/2008	NA
AURORA	307	1301 North Lake Street	IL	60506	6/12/2008	NA
WESTCHESTER	308	10139 Roosevelt Road	IL	60154	6/17/2008	NA
NAPERVILLE	309	1032 East Ogden Avenue	IL	60563	6/4/2008	NA
PALOS HEIGHTS	311	12827 South Harlem	IL	60463	5/22/2008	NA
LEMONT	313	12775 Main Street	IL	60439	6/17/2008	NA
MIDLOTHIAN	317	4458 West 147th Street	IL	60445	6/13/2008	NA
NORTHBROOK	318	3402 Milwaukee Avenue	IL	60062	6/6/2008	NA
WESTMONT	326	6135 South Cass Avenue	IL	60559	5/17/2008	NA
SOUTH HOLLAND	330	35 East 162nd Street	IL	60473	5/28/2008	NA
OAK LAWN	335	9740 Southwest Hwy.	IL	60453	6/12/2008	NA
DES PLAINES	338	9401 Golf Road	IL	60016	6/11/2008	NA
LOCKPORT	340	20712 Gaskin Drive	IL	60441	7/6/2009	NA
MUNDELEIN	342	313 Townline Road	IL	60060	3/11/2010	NA
CARPENTERSVILLE	343	80 Kennedy Drive	IL	60110	10/18/2011	NA
LAKE VILLA	344	875 Grand Ave	IL	60046	1/6/2012	NA
CHICAGO	401	2737 N Central Ave	IL	60639	6/10/2009	NA
CHICAGO	402	3244 W Irving Park	IL	60618	6/10/2009	NA
LANSING	404	17065 Torrence Ave	IL	60438	6/10/2009	NA
BERWYN	406	6420 Ogden Avenue	IL	60402	3/26/2010	NA
NORTH AURORA	408	202 Genensis Drive	IL	60542	7/15/2010	NA
McHENRY	409	4705 W. Elm Street	IL	60050	12/1/2010	NA
HANOVER PARK	412	1655 Irving Park Road	IL	60133	12/1/2010	NA
CARPENTERSVILLE	413	8000 Binnie Road	IL	60110	12/2/2010	NA
OAK PARK	414	700 Madison Street	IL	60302	9/20/2011	NA
BLUE ISLAND	415	2260 W. 127th Street	IL	60406	9/20/2011	NA
CHICAGO/STONY ISLAND	416	7424 S. Stony Island	IL	60649	9/20/2011	NA
CHICAGO/CICERO	417	7743 S. Cicero	IL	60652	9/20/2011	NA
HANOVER PARK	601	1804 W. Army Trial Road	IL	60133	10/14/2011	NA
WEST CHICAGO	602	130 W. Roosevelt Road	IL	60185	10/26/2011	NA
COUNTRYSIDE	603	5815 S. Lagrange Road	IL	60525	11/2/2011	NA

NO LONGER IN THE PROGRAM						
City	Station #	Street Address	ST	Zip	Active Date	Date Removed
ROUND LAKE BEACH	323	300 West Rollins Road	IL	60073	6/18/2008	12/21/2011
CHICAGO	325	10716 South Western Avenue	IL	60643	5/17/2008	3/4/2011

Chicago Test & Repair 2011

Illinois Test and Repair Stations - 2011
Metro East

City	Station #	Street Address	ST	Zip	Active Date	Date Removed
COLLINSVILLE	322	411 Belt Line Road	IL	62234	6/4/2008	NA
ALTON	336	2701 Washington Avenue	IL	62002	6/5/2008	NA
EAST SAINT LOUIS	337	702 Martin Luther King Dr	IL	62201	6/5/2008	NA

NO LONGER IN THE PROGRAM						
City	Station #	Street Address	ST	Zip	Active Date	Date Removed
GRANITE CITY	328	2250 Madison Avenue	IL	62040	8/19/2008	10/17/2011
COLUMBIA	501	500 Admiral Weinel Blvd.	IL	62236	9/3/2010	9/30/2011

Metro East Test & Repair 2011

USEPA TEST DATA REPORT - 40 CFR 51.366(a)(5) - 2011 TESTS
***AVERAGE CHANGE IN ALL VEHICLE EMISSIONS FOR HC AND CO AFTER REPAIRS**
BETWEEN IM240 INITIAL FAIL AND RETEST (NEGATIVE INDICATES DECREASE AFTER REPAIR)

Not Applicable: Beginning February 1, 2007, the IM240 test was dropped from the Illinois Test Program.

51.366(a)(5) ALL

APPENDIX B

Quality Assurance Report and Quality Control Report for January through December 2011				
Reference to 51.366	Description	Stations	Lanes	Inspectors
b	Quality Assurance Report			
b.1	The number of centralized inspection-only stations and lanes	17	67	NA
b.1.i	Operating throughout the year	17	65	NA
b.1.ii	Operating for only part of the year ¹	0	2	NA
b.1	The number of decentralized inspection and repair stations and lanes	42	42	NA
b.1.i	Operating throughout the year	27	27	NA
b.1.ii	Operating for only part of the year ²	15	15	NA
b.2	The number of inspection stations and lanes operating throughout the year:			
b.2.i	Receiving overt performance audits in the year	56	103	NA
b.2.ii	Not receiving overt performance audits in the year	0	0	NA
b.2.iii	Receiving covert performance audits in the year	14	52	NA
b.2.iv	Not receiving covert performance audits in the year	3	9	NA
b.2.v	That have been shut down as a result of overt performance audits	0	0	NA
b.3	The number of covert audits	14	128	NA
b.3.i	Conducted with the vehicle set to fail per test type	14	128	NA
b.3.ii	Conducted with the vehicle set to fail any combination of two or more test types	0	NA	NA
b.3.iii	Resulting in a false pass per test type	0	NA	NA
b.3.iv	Resulting in a false pass for any combination of two or more test types	0	NA	NA
b.4	The number of inspectors and stations			
b.4.i	That were suspended, fired, or otherwise prohibited from testing for other causes ³	0	NA	68
b.4.ii	That were suspended, fired, or otherwise prohibited from testing as a result of covert audits ⁴	0	NA	2
b.4.iii	That received fines	0	NA	0
b.5	The number of inspectors licensed or certified to conduct testing	NA	NA	173
b.6	The number of hearings			
b.6.i	Held to consider adverse actions against inspectors and stations	0	NA	0
b.6.ii	Resulting in adverse actions against inspectors and stations	0	NA	0
b.7	The total amount collected in fines from inspectors and stations by type of violation	0	NA	0
b.8	The total number of covert vehicles available for undercover audits over the year		2 Vehicles	
b.9	The total number of covert auditors available for undercover audits		2 Auditors	
c	Quality Control Report			
c.1	The number of inspection stations and lanes in use in the program	59	109	NA
c.2	The number of stations and lanes that have received equipment audits	56	103	NA
c.3	The number of stations that have failed equipment audits	11	NA	NA
	The percentage of stations that have failed equipment audits	18.6%	NA	NA
c.4	The Number of stations and lanes shut down as a result of equipment audits	0	13	NA
	The Percentage of stations and lanes shut down as a result of equipment audits	0.0%	11.9%	NA

¹Naperville Station operates two OBD-Only lanes for the months of April through July, 2011.

²Decentralized Inspection and Repair facilities in Columbia, Round Lake, Chicago/Western Ave, Granite City, and Glen Ellyn were terminated at some point during 2011.
Decentralized Inspection and Repair facilities in Carpentersville, Oak Park, Blue Island, Chicago/Stony Island, Chicago/Cicero, Hanover park (2), West Chicago, and Countryside were added in 2011.

³This count includes all voluntary and involuntary terminations of centralized station employees as well as ATATF IDs for facilities that left the program voluntarily or otherwise.

⁴No inspectors were terminated base on covert audits, but one inspector was terminated for failure to follow test procedures and one inspector was terminated for attempting a fraudulent test.

APPENDIX C

APPENDIX C - 2011

Number of Equipment Audits by Station and Lane - 2011 Calendar Year								
Station #	Station Description	Lane #						Station Total
		1	2	3	4	5	6	
1	Waukegan	11	11	11				33
3	Crystal Lake	11	11	11				33
4	Lincolnshire	7	7	11				25
7	Schaumburg	11	11	11	11			44
8	Elk Grove Village	6	6	10				22
11	Addison ¹	6	6	6	6			24
12	Skokie	6	6	6	10	10		38
13	Chicago: Forest Preserve	10	10	10	10	10		50
16	Chicago: Webster	6	6	6	6			24
22	Bedford Park	10	10	10	10	10	10	60
24	Naperville	10	10	10	10	6	6	52
26	Joliet	11	11	11				33
27	Markham	10	10	10	10	6	6	52
54	Tinley Park	6	6	6				18
29	Wood River	5	5					10
30	Pontoon Beach	5	5					10
53	Swansea	5	5					10
300	SCHAUMBURG	2						2
303	MOUNT PROSPECT	2						2
305	ADDISON	2						2
306	DOWNERS GROVE	2						2
307	AURORA	2						2
308	WESTCHESTER	2						2
309	NAPERVILLE	2						2
311	PALOS HEIGHTS	2						2
312	WAUKEGAN	2						2
313	LEMONT	2						2
314	WOODSTOCK	2						2
317	MIDLOTHIAN	2						2
318	NORTHBROOK	2						2
320	EVANSTON	2						2
322	COLLINSVILLE	2						2
323	ROUND LAKE BEACH	2						2
325	CHICAGO	2						2
326	WESTMONT	2						2
328	GRANITE CITY	2						2
329	BOLINGBROOK	2						2
330	SOUTH HOLLAND	2						2
331	BELLEVILLE	2						2
332	BELLEVILLE	2						2
333	O FALLON	2						2
334	AURORA	2						2
335	OAK LAWN	2						2
336	ALTON	2						2
337	EAST ST LOUIS	2						2
338	DES PLAINES	2						2
340	LOCKPORT	2						2
342	MUNDELEIN	2						2
401	CHICAGO	2						2
402	CHICAGO	2						2
403	GLEN ELLYN	2						2
404	LANSING	2						2
405	ELGIN	2						2
406	BERWYN	2						2
408	NORTH AURORA	2						2
501	COLUMBIA	2						2
Total								616

¹Addison lane 5 is development lane only.

APPENDIX D

Number of Equipment Audit Failures by Station and Lane - 2011 Calendar Year									
Station #	Station Description	Lane #						Lane Total	Station Fail
		1	2	3	4	5	6		
1	Waukegan	0	0	0				0	N
3	Crystal Lake	0	0	0				0	N
4	Lincolnshire	0	0	0				0	N
7	Schaumburg	1	0	0	0			1	Y
8	Elk Grove Village	0	0	0				0	N
11	Addison ¹	0	0	0	0			0	N
12	Skokie	1	0	0	0	0		1	Y
13	Chicago: Forest Preserve	0	0	0	2	1		3	Y
16	Chicago: Webster	0	0	0	0			0	N
22	Bedford Park	0	0	0	0	0	0	0	N
24	Naperville	0	0	0	0	0	0	0	N
26	Joliet	0	1	0				1	Y
27	Markham	0	0	1	0	0	0	1	Y
54	Tinley Park	0	0	0				0	N
29	Wood River	0	0					0	N
30	Pontoon Beach	0	0					0	N
53	Swansea	1	0					1	Y
300	SCHAUMBURG	0						0	N
303	MOUNT PROSPECT	1						1	Y
305	ADDISON	0						0	N
306	DOWNERS GROVE	1						1	Y
307	AURORA	0						0	N
308	WESTCHESTER	1						1	Y
309	NAPERVILLE	0						0	N
311	PALOS HEIGHTS	0						0	N
312	WAUKEGAN	0						0	N
313	LEMONT	0						0	N
314	WOODSTOCK	0						0	N
317	MIDLOTHIAN	0						0	N
318	NORTHBROOK	0						0	N
320	EVANSTON	0						0	N
322	COLLINSVILLE	0						0	N
323	ROUND LAKE BEACH	0						0	N
325	CHICAGO	0						0	N
326	WESTMONT	0						0	N
328	GRANITE CITY	0						0	N
329	BOLINGBROOK	0						0	N
330	SOUTH HOLLAND	0						0	N
331	BELLEVILLE	0						0	N
332	BELLEVILLE	0						0	N
333	O FALLON	0						0	N
334	AURORA	0						0	N
335	OAK LAWN	0						0	N
336	ALTON	0						0	N
337	EAST ST LOUIS	0						0	N
338	DES PLAINES	1						1	Y
340	LOCKPORT	0						0	N
342	MUNDELEIN	0						0	N
401	CHICAGO	0						0	N
402	CHICAGO	0						0	N
403	GLEN ELLYN	1						1	Y
404	LANSING	0						0	N
405	ELGIN	0						0	N
406	BERWYN	0						0	N
408	NORTH AURORA	0						0	N
501	COLUMBIA	0						0	N
Total number of lanes failing an audit and were shutdown								13	11

¹Addison lane 5 is development lane only.