

NAT'L INST. OF STAND & TECH R.I.C.



A11105 101762

NIST  
PUBLICATIONS

REFERENCE



**National  
Voluntary  
Laboratory  
Accreditation  
Program**

# 1997 Directory

**NIST** Special Publication 810,  
1997 edition

U.S. Department of Commerce  
Technology Administration  
National Institute of Standards  
and Technology

QC  
100  
U57  
NO. 810  
1997



Dear Colleague:

The past year has seen some dramatic technological changes in the way we communicate with our customers. The exponential rise in the number of people accessing the World Wide Web has heightened awareness of this technology and NVLAP has been an active participant. As you may know, the NVLAP directory of accredited laboratories has been placed on the NVLAP web site and is being updated quarterly. This means that our customers and yours are provided with more current information regarding the number and status of NVLAP-accredited testing and calibration laboratories. If you are unaware of this development, or the fact that we have also placed NIST Handbook 150, *NVLAP Procedures and General Requirements*, along with other useful information on the NVLAP home page, I invite you to access it at <http://ts.nist.gov/nvlap>. We will be adding more features and information during the coming year.

As you will see on page iv of the directory, this year we have included a photo of the NVLAP permanent staff. We want you to be able to attach faces to the names of the people you deal with at NVLAP. We would like to meet and talk with each of you in person, but with a country as large as ours and with accredited laboratories in almost all of the states as well as several foreign countries, this would be all but impossible.

We have been extremely busy in the international arena as far as mutual recognition activities are concerned. Reciprocal assessments were conducted between NVLAP and the accrediting bodies in Australia (NATA), New Zealand (Telarc), and Hong Kong (HOKLAS), and we should be able to conclude by signing mutual recognition agreements (MRAs) early in 1997. The regional collaboration of accrediting bodies in Western Europe known as the European Cooperation for Accreditation of Laboratories (EAL) is working with NVLAP to recognize our program as well. We have been invited to have our accredited calibration laboratories participate in interlaboratory comparison measurements with a sampling of laboratories accredited by EAL member bodies, and we will receive an on-site assessment by an EAL team in the coming year. NVLAP is also actively pursuing a multilateral agreement with the Asia-Pacific Laboratory Accreditation Cooperation (APLAC). In addition, NVLAP is in the preliminary stages of working with many other countries such as Brazil, Argentina, Mexico, and India, to arrive at similar agreements as to the equivalence of each country's accreditation program.

The number of NVLAP-enrolled laboratories has grown this past year due to developments such as the Federal Communication Commission's decision to accept certain products tested in NVLAP-accredited EMC testing laboratories, the commencement of the NVLAP Fasteners and Metals accreditation program as a result of implementation of the Fastener Quality Act (P. L. 101-592), and the expansion of the Calibration Laboratories accreditation program in response to NVLAP's new policy requiring laboratories to achieve traceability either directly to NIST or through accredited calibration laboratories.

We look forward to serving our valued customers, both old and new, during the coming year.

Sincerely,

James L. Cigler, Chief  
Laboratory Accreditation Program

NIST Special Publication 810,  
1997 edition

**National  
Voluntary  
Laboratory  
Accreditation  
Program**

**1997  
Directory**

Vanda R. White, Editor

January 1997

Supersedes SP810, 1996 edition



**U.S. Department of Commerce**  
Michael Kantor, Secretary

Technology Administration  
Mary L. Good, Under Secretary for Technology

National Institute of Standards and Technology  
Arati Prabhakar, Director

National Institute of Standards and Technology  
Special Publication 810  
Supersedes SP 810, 1996 edition  
225 pages (January 1997)  
CODEN: NSPUE2

U.S. GOVERNMENT PRINTING OFFICE  
WASHINGTON: 1997

For sale by the Superintendent of Documents  
U.S. Government Printing Office  
Washington, DC 20402-9325

#### NVLAP AND THE NVLAP LOGO

The term NVLAP and the NVLAP logo are Federally registered trademarks of the National Institute of Standards and Technology and the Federal Government, who retain exclusive rights therein. Permission to use the term and/or the logo is granted to NVLAP-accredited laboratories for the limited purposes of announcing their accredited status, and for use on reports that describe only testing and calibration within the scope of accreditation. NIST reserves the right to control the quality of the use of the term NVLAP and of the logo itself.



## INTRODUCTION

The laboratories listed in this Directory have been found to be competent to perform certain tests or calibrations as specified. These laboratories are allowed to use the NVLAP logo on their test or calibration certificates or reports, which implies that the processes used to achieve the tests or calibrations have been evaluated by NVLAP as being technically adequate when performed under the conditions specified in the laboratories' quality manuals and associated documentation. Further, NVLAP certifies that the laboratories have demonstrated traceability of their tests or calibrations to national standards at the appropriate levels of uncertainty for which the laboratories have been accredited.

As a prospective customer of the laboratories listed in this Directory, you should be aware that the laboratories are obligated to inform you, before the fact, whenever a test or a calibration service which you have requested is not covered by the NVLAP accreditation (NIST Handbook 150, Section 285.33(k)(8)). When contracting for the test or calibration service, you have the right to specify whether or not you desire a NVLAP-accredited test or calibration. Provision of a non-NVLAP-accredited test or calibration shall not be accompanied by the use of the NVLAP logo on the certificate or report, and NVLAP does not endorse any claims made regarding traceability and uncertainty of the measurements performed.

In addition, if a laboratory performs a combination of tests or calibrations, some of which have been accredited by NVLAP and some of which have not, the laboratory is bound by the provisions of NIST Handbook 150 to clearly identify the tests or calibrations covered by NVLAP accreditation and those not accredited by NVLAP on the test or calibration certificate or report.

Current information on the accreditation status of a laboratory can be obtained by contacting NVLAP as follows:

- (1) Address: Chief, Laboratory Accreditation Program  
National Institute of Standards and Technology  
Building 820, Room 282  
Gaithersburg, MD 20899;
- (2) Phone: (301) 975-4016;
- (3) Fax: (301) 926-2884; or
- (4) E-mail: [nvlap@nist.gov](mailto:nvlap@nist.gov).

NVLAP also maintains a directory of accredited laboratories on the Internet, which is updated quarterly. The URL for NVLAP's home page is <http://ts.nist.gov/nvlap>.



*NVLAP Staff (from left to right): Tom Davis, Paul Martin, Lisa Warfield, Leslie King, Jim Cigler, Doug Faison, Maria Lancaster, David Alderman, Larry Knab, Jeffrey Horlick, Vanda White, Jon Crickenberger, Hazel Richmond. Missing from photograph: Sherrie Abrecht and Margaret Musick.*

# CONTENTS

	Page
INTRODUCTION . . . . .	iii
PROGRAM SUMMARY . . . . .	1
LABORATORY ACCREDITATION SUMMARY . . . . .	6
HOW TO USE THIS DIRECTORY . . . . .	7
INDEX A. LISTING BY LABORATORY NAME . . . . .	A1
INDEX B. LISTING BY FIELD OF ACCREDITATION . . . . .	B1
CALIBRATION LABORATORIES GROUP . . . . .	B3
Dimensional . . . . .	B3
Electromagnetics - DC/Low Frequency . . . . .	B3
Electromagnetics - RF/Microwave . . . . .	B3
Ionizing Radiation . . . . .	B3
Mechanical . . . . .	B3
Thermodynamic . . . . .	B3
Time and Frequency . . . . .	B3
COMPUTER/ELECTRONICS GROUP . . . . .	B3
Cryptographic Modules Testing . . . . .	B3
GOSIP . . . . .	B4
POSIX . . . . .	B4
Federal Communications Commission (FCC) Methods . . . . .	B4
MIL-STD-462 Test Methods . . . . .	B5
DOSIMETRY GROUP . . . . .	B6
Ionizing Radiation Dosimetry . . . . .	B6
ENVIRONMENTAL GROUP . . . . .	B7
Asbestos Fiber Analysis (PLM Test Method) . . . . .	B7
Asbestos Fiber Analysis (TEM Test Method) . . . . .	B15
PRODUCT TESTING GROUP . . . . .	B16
Acoustical Testing Services . . . . .	B16
Carpet and Carpet Cushion . . . . .	B17
Commercial Products Testing . . . . .	B17
Construction Materials Testing . . . . .	B17
Efficiency of Electric Motors . . . . .	B18
Energy Efficient Lighting Products . . . . .	B18
Thermal Insulation Materials . . . . .	B18
Wood Based Products . . . . .	B18
INDEX C. LISTING BY STATE/COUNTRY . . . . .	C1
INDEX D. LISTING OF TESTING LABORATORIES BY NVLAP LAB CODE . . . . .	D1
INDEX E. LISTING OF CALIBRATION LABORATORIES BY NVLAP LAB CODE . . . . .	E1



## PROGRAM SUMMARY

The National Institute of Standards and Technology (NIST) administers the National Voluntary Laboratory Accreditation Program (NVLAP). NVLAP is comprised of a series of laboratory accreditation programs (LAPs) which are established on the basis of requests and demonstrated need. Each LAP includes specific calibration and/or test standards and related methods and protocols assembled to satisfy the unique needs for accreditation in a field of testing or calibration. NVLAP accredits public and private laboratories based on evaluation of their technical qualifications and competence to carry out specific calibrations or tests. Accreditation criteria are published in the Code of Federal Regulations (Title 15, Part 285) as a part of the NVLAP Procedures and General Requirements, and encompass the requirements of ISO/IEC Guide 25 and the relevant requirements of ISO 9002. Accreditation is granted following successful completion of a process which includes submission of an application and payment of fees by the laboratory, an on-site assessment, resolution of any deficiencies identified during the on-site assessment, participation in proficiency testing, and technical evaluation. The accreditation is formalized through issuance of a Certificate of Accreditation and Scope of Accreditation (fig. 1) and publicized by announcement in various government and private media.

NVLAP accreditation is available to commercial laboratories; manufacturers' in-house laboratories; university laboratories; and federal, state, and local government laboratories. Foreign-based laboratories may also be accredited if they meet the same requirements as domestic laboratories and pay any additional fees required for travel expenses.

NVLAP provides an unbiased third party evaluation and recognition of performance, as well as expert technical guidance to upgrade laboratory performance. NVLAP accreditation signifies that a laboratory has demonstrated that it operates in accordance with NVLAP requirements in the following areas: accommodation and environment; calibration and test methods; certificates and reports; complaints; equipment and reference materials; handling of calibration and test items; measurement traceability and calibration; organization and management; outside support services and supplies; personnel; quality system, audit and review; records; and subcontracting. NVLAP accreditation does not imply any guarantee (certification) of laboratory performance or test/calibration data; it is solely a finding of laboratory competence. A laboratory may cite its accredited status and use the NVLAP logo on reports, stationery, and in business and trade publications provided that this use does not imply product certification.

This Directory of laboratories is published annually and lists the name, address, contact person, phone and fax numbers, e-mail address (if available), accreditation renewal date, and scope of accreditation for each laboratory. An updated listing of laboratories is published quarterly on NVLAP's home page on the Internet: <http://ts.nist.gov/nvlap>.

### *Accreditation Renewal Date*

A laboratory accreditation is valid for one year and commences on one of four dates: January 1, April 1, July 1, or October 1; an accreditation will terminate after one year unless renewed by the laboratory. Users of this Directory who are considering selection of accredited laboratories should be aware of the renewal date and verify that the laboratory has retained its accreditation at the time its services are to be provided. Verification of accreditation status can be obtained by contacting NVLAP.



## *On-Site Assessment*

Before initial accreditation, an on-site assessment of each laboratory is conducted to determine compliance with the NVLAP criteria. After accreditation is granted, an on-site assessment must be conducted every two years in order for the laboratory to maintain accreditation. An assessment is conducted by one or more NVLAP assessors selected on the basis of their expertise in the field of testing or calibration to be reviewed. They may be engineers or scientists currently active in the field, consultants, college professors or retired persons. Their services are generally contracted as required.

Assessors use checklists provided by NVLAP so that each laboratory receives an assessment comparable to that received by others. However, assessors have some latitude to make judgments about a laboratory's compliance with the NVLAP criteria.

An assessment normally takes one to five days depending on the extent of the laboratory's application. Every effort is made to conduct an assessment with as little disruption as possible to the normal operations of the laboratory. During the assessment, the assessor carries out the following functions:

- meets with management and supervisory personnel responsible for the laboratory's activities to review the assessment process and to set the assessment agenda;
- examines the laboratory's quality assurance system, selects and traces the history of one or more samples from receipt to final issuance of reports, conducts a thorough review of the laboratory's quality manual, evaluates the training program, examines notebooks or records pertaining to the samples, checks sample identification and tracking procedures, determines whether the appropriate environmental conditions are maintained, and examines copies of completed reports;
- reviews records of periodic internal audits, use of check samples or participation in round-robin testing or other similar programs, personnel records including resumes and job descriptions of key personnel, competency evaluations for all staff members who routinely perform the testing or calibration for which accreditation is sought, calibration or verification records for apparatus used, reports, and sample control records;
- observes demonstrations of laboratory techniques and discusses them with the technical personnel to assure their understanding of the procedures; and
- examines major equipment, apparatus, and facilities.

At the conclusion of the assessment, the assessor will conduct an exit briefing to discuss observations and any deficiencies with responsible laboratory staff. A written assessment report will be left with the laboratory, and a copy forwarded to NVLAP.

If the on-site inspection reveals deficiencies that pertain to NVLAP requirements, the laboratory must respond in writing to NVLAP within thirty days of such notification. The response must provide documentation, signed by the Authorized Representative, that the specified deficiencies have either been corrected or include a plan of action to make corrections.

### ***Monitoring Visits***

Monitoring visits may be conducted at any time during the accreditation period for cause or on a random selection basis. These visits serve to verify reported changes in the laboratory's personnel, facilities, or operations, or to explore possible reasons for poor performance in proficiency testing. The scope of a monitoring visit may range from checking a few designated items to a complete review.

### ***Proficiency Testing***

Proficiency testing is an integral part of the NVLAP accreditation process. On-site demonstration of appropriate facilities, equipment, personnel, etc., is essential, but may not be sufficient for the continuing evaluation of laboratory competence. The production of test/calibration data using special proficiency testing samples or artifacts provides NVLAP with a means to determine the overall competence of the laboratory. Information obtained from proficiency testing helps to identify problems in a laboratory. When problems are found, NVLAP works with the laboratory staff to solve them.

Most fields of accreditation have proficiency testing requirements. Data submitted by the laboratories in response to specific NVLAP requirements are analyzed and reports of the results are made known to the participants. Summary results are available upon request to other interested parties; e.g., professional societies and standards writing bodies. The identity and performance of individual laboratories are kept confidential.

Satisfactory participation is based on specially tailored exercises designed to evaluate the ability of the laboratory to produce the services for which it is accredited. Some methods define pass/fail criteria; in other cases, individual laboratory results must fall within statistically acceptable limits of overall group performance. In a number of programs, NVLAP requires satisfactory participation in proficiency testing as a condition of initial, as well as continuing, accreditation.

### ***Technical Evaluation***

A final technical evaluation is performed by a NVLAP review panel. The panel's recommendations regarding accreditation are based on:

- information provided on the application;
- results of quality system documentation review;
- on-site assessment reports;
- actions taken by the laboratory to correct deficiencies;
- results of proficiency testing; and
- information from any monitoring visits of the laboratory.

If the technical evaluation reveals additional deficiencies, written notification of the deficiencies will be sent to the laboratory. The laboratory must respond as specified in the previous section, *On-Site Assessment*. Clarification of some issues may be requested by telephone. All deficiencies must be resolved before accreditation can be granted.

### *Accreditation Actions*

After the technical evaluation has been completed and all financial and administrative requirements have been satisfied, NVLAP takes one of the following accreditation actions:

***Accreditation*** The laboratory is issued a Certificate of Accreditation and a Scope of Accreditation.

***Denial*** The laboratory is notified of a proposal to deny accreditation and the reason(s).

If an accredited laboratory is found to be out of compliance with the NVLAP criteria, NVLAP may take one of the following actions:

***Suspension*** Suspension is a temporary removal of the accredited status of a laboratory when it is found to be out of compliance with the terms of its accreditation. The laboratory will be notified of the reasons for and conditions of the suspension and the action(s) that the laboratory must take to have the accreditation reinstated.

Reasons for suspension include: loss of key personnel, loss of major equipment, damage to laboratory by fire, changing laboratory location, proficiency test failure.

***Revocation*** Revocation is the removal of the accredited status of a laboratory when it is found to have violated the terms of its accreditation. The laboratory will be notified of the reasons for proposed revocation and the procedure for appealing such a decision. If accreditation is revoked, the laboratory may be given the option of voluntarily terminating the accreditation. A laboratory whose accreditation has been revoked must return its Certificate of Accreditation and cease use of the NVLAP logo on any of its reports, correspondence, or advertising.

Reasons for revocation include: obtaining accreditation through fraud, refusal to resolve deficiencies, no longer providing the type of calibration or testing service for which accreditation was issued.

If denial or revocation has been proposed, the laboratory may appeal the decision to the Director of NIST. If an appeal is not requested, the action becomes final upon the expiration of the 30-day period following receipt of the notification.



National Institute of Standards and Technology  
National Voluntary Laboratory Accreditation Program



### Scope of Accreditation

ISO/IEC GUIDE 25:1990  
ISO 9002:1987

Page 1 of 1

NVLAP LAB CODE 100000-0

ELECTROMAGNETIC COMPATIBILITY AND TELECOMMUNICATIONS

LABORATORY NAME  
Anytown, USA 00000-0000

Mr. John Doe  
Phone: 000-000-0000 Fax: xxx-xxx-xxxx

#### Designation

FCC Method - 47 CFR Part 15 - Digital Devices  
Conducted Emissions, Power Lines, 450 KHz to 30 MHz  
Radiated Emissions

Final Equipment Network Protection Standards,  
Method - 47 CFR Part 68 - Analog and Digital

- Par. c, d, e, f) Environmental simulation; surge current limitations; voltage voltage limitations; signal power limitations;
- 10 Longitudinal balance limitations;
- 68.312 On-hook impedance limitations;
- 68.314 Billing protection

68.316 Hearing aid compatibility; technical standards

68.302 Environmental simulation (Par. a, b)

*[Signature]*  
For the National Institute of Standards and Technology

December 31, 19--

Effective through

NVLAP-015 (11-95)



National Institute of Standards and Technology  
United States Department of Commerce



### Certificate of Accreditation

LABORATORY NAME  
Anytown, USA

ISO/IEC GUIDE 25:1990  
ISO 9002:1987

ELECTROMAGNETIC COMPATIBILITY AND TELECOMMUNICATIONS

LABORATORY NAME  
Anytown, USA

December 31, 19--  
Effective through

December 31, 19--

Effective through

ELECTROMAGNETIC COMPATIBILITY AND TELECOMMUNICATIONS

LABORATORY NAME  
Anytown, USA

ISO/IEC GUIDE 25:1990  
ISO 9002:1987

NVLAP-015 (11-95)

is recognized under the National Voluntary Laboratory Accreditation Program for satisfactory compliance with the criteria established in Title 15, Part 265 Code of Federal Regulations. These criteria encompass the requirements of ISO/IEC Guide 25 and the relevant requirements of specific services listed on the Scope of Accreditation for calibration or test results. Accreditation is awarded for:

1) Environmental simulation; surge current limitations; voltage voltage limitations; signal power limitations;

2) 10 Longitudinal balance limitations;

3) 68.312 On-hook impedance limitations;

4) 68.314 Billing protection

5) 68.316 Hearing aid compatibility; technical standards

6) 68.302 Environmental simulation (Par. a, b)

Figure 1. NVLAP Certificate and Scope of Accreditation (sample)



## LABORATORY ACCREDITATION SUMMARY

The following table summarizes laboratory accreditations by field of testing or calibration as of the date this Directory was prepared for publication. Since some laboratories are accredited in more than one field, the total number of laboratories listed by field of accreditation (see Index B) is greater than the number of laboratories in the system (see Index A).

<i>PROGRAM GROUP/Field of Accreditation</i>	<i>Number of Accreditations</i>
---	---------------------------------

### CALIBRATION LABORATORIES GROUP

Dimensional	5
Electromagnetics - DC/Low Frequency	5
Electromagnetics - RF/Microwave	2
Ionizing Radiation	3
Mechanical	7
Thermodynamics	3
Time and Frequency	3

### COMPUTER/ELECTRONICS GROUP

Cryptographic Modules Testing	3
FCC Test Methods	68
GOSIP	5
MIL-STD-462 Test Methods	11
POSIX	3

### DOSIMETRY GROUP

Ionizing Radiation Dosimetry	51
------------------------------	----

### ENVIRONMENTAL GROUP

Asbestos Fiber Analysis: PLM test method	347
TEM test method	75

### PRODUCT TESTING GROUP

Acoustical Testing Services	14
Carpet and Carpet Cushion	15
Commercial Products Testing (Paints, Paper, Plastics, Plumbing, Roofing, Seals/Sealants)	7
Construction Materials Testing	17
Efficiency of Electric Motors	1
Energy Efficient Lighting Products	8
Thermal Insulation Materials	18
Wood Based Products	5

<b>TOTAL ACCREDITATIONS</b>	<b>676</b>
-----------------------------	------------



## HOW TO USE THIS DIRECTORY

The *1997 Directory* lists laboratories accredited by NVLAP. It consists of five indexes which are cross-referenced by NVLAP Lab Code, a unique identifier assigned to each laboratory; e.g., 100000-0. The Directory enables the user to locate name, address, telephone and accreditation information about laboratories of interest. The user should contact the laboratories directly to get information beyond that provided here.

**INDEX A, LISTING BY LABORATORY NAME**, lists all laboratories in alphabetical order by laboratory name. The name of each laboratory is listed as it appears on its application for accreditation.

**INDEX B, LISTING BY FIELD OF ACCREDITATION**, lists all laboratories in alphabetical order by laboratory name within field of accreditation. The index is organized by PROGRAM GROUPS, which are groups of Laboratory Accreditation Programs (LAPs) assembled in categories of technical fields for efficiency in management (see page 6). Listed under each PROGRAM GROUP are the technical fields of accreditation managed within that GROUP. Laboratories accredited in more than one field will have more than one listing in this index.

**INDEX C, LISTING BY STATE/COUNTRY**, lists all laboratories in alphabetical order by laboratory name within state. The states are designated by the standard two-letter postal abbreviations. Laboratories located outside of the United States are listed at the end of the index. Index C also indicates the field of accreditation for each laboratory.

**INDEX D, LISTING OF TESTING LABORATORIES BY NVLAP LAB CODE**, lists all testing laboratories in numerical order by NVLAP Lab Code. There is only one listing per Lab Code in Index D.

**INDEX E, LISTING OF CALIBRATION LABORATORIES BY NVLAP LAB CODE**, lists all calibration laboratories in numerical order by NVLAP Lab Code. There is only one listing per Lab Code in Index E.

### INFORMATION CONTAINED IN INDEXES D AND E

Each laboratory receives a Certificate of Accreditation and a Scope of Accreditation when accreditation is granted or renewed. The Scope of Accreditation details the methods and services for which accreditation has been granted to a laboratory. Indexes D and E present a condensation of the Scope(s) of Accreditation for testing and calibration laboratories, respectively.

The following information is presented for each laboratory listed in Index D or Index E:

- (a) NVLAP Lab Code;
- (b) Laboratory name and address;
- (c) Authorized representative (contact);
- (d) Phone number;
- (e) Fax number;
- (f) E-mail address (if available);
- (g) Field of accreditation;
- (h) Accreditation expiration date; and
- (i) Scope of Accreditation.

## HOW TO LOCATE SPECIFIC INFORMATION

### *For a laboratory whose name is known*

Refer to Index A and note the laboratory's NVLAP Lab Code. Look up the Lab Code in Index D (if testing) or Index E (if calibration) to obtain specific information about the laboratory; e.g., address, phone number, Scope of Accreditation, etc.

### *For a laboratory in a particular geographic area*

Determine the states (or country) included in the geographic area of interest. Refer to Index C to obtain the NVLAP Lab Code of a laboratory within the selected geographic area for a given field of accreditation. Look up the Lab Code in Index D (if testing) or Index E (if calibration) to obtain specific information about the laboratory; e.g., address, phone number, Scope of Accreditation, etc.

### *For a laboratory in a particular field of accreditation*

Choose the field of accreditation from the list on page 6. Refer to Index B and note the name and Lab Code of each laboratory of interest. Index B is organized by field of accreditation within major program group. Look up the Lab Code in Index D (if testing) or Index E (if calibration) to obtain specific information about the laboratory; e.g., address, phone number, Scope of Accreditation, etc.

## SPECIAL NOTE ABOUT LABORATORIES ACCREDITED IN ASBESTOS FIBER ANALYSIS

The test method designations for Bulk Asbestos Analysis (PLM) and Airborne Asbestos Analysis (TEM) are as follows:

<i>NVLAP Code</i>	<i>Program Title/Test Method Designation</i>
18/A01	BULK ASBESTOS ANALYSIS (PLM)  U.S. Environmental Protection Agency (EPA) "Interim Method for the Determination of Asbestos in Bulk Insulation Samples" as found in 40 Code of Federal Regulations (CFR), Part 763, Subpart F, Appendix A, or the current U.S. EPA method for the analysis of asbestos in building material.
18/A02	AIRBORNE ASBESTOS ANALYSIS (TEM)  U.S. Environmental Protection Agency (EPA) "Interim Transmission Electron Microscopy Analytical Methods—Mandatory and Nonmandatory—and Mandatory Section to Determine Completion of Response Actions" as found in 40 Code of Federal Regulations (CFR), Part 763, Subpart E, Appendix A.

**INDEX**



**LISTING BY  
LABORATORY  
NAME**



INDEX A. LISTING BY LABORATORY NAME

LABORATORY NAME	NVLAP LAB CODE	CITY	STATE/ COUNTRY
<b>3</b>			
3M Product Safety EMC Laboratory	200033-0	St. Paul	MN
<b>A</b>			
A & B Environmental Services, Inc.	101793-0	Houston	TX
A.R.C. Laboratories, Inc.	101832-0	Grand Forks	ND
AAC Trinity, Inc.	101168-0	Farmington Hills	MI
ABM Environmental Consultants, Inc.	102015-0	Long Island City	NY
Accredited Environmental Technologies, Inc.	101051-0	Media	PA
ACM Environmental, Inc.	101977-0	South Bend	IN
Acoustic Systems Acoustical Research Facility	100286-0	Austin	TX
Acton Environmental Testing, dba National Technical Systems	100347-0	Acton	MA
Advanced Industrial Hygiene Services, Inc.	101006-0	Miami	FL
Aearo Company, E·A·RCAL Acoustical Laboratory	100374-0	Indianapolis	IN
AET Environmental, Inc.	101610-0	Cherry Hill	NJ
Aetna Life & Casualty	101516-0	Windsor	CT
Affiliated Environmental Services, Inc.	101007-0	Sandusky	OH
AGX, Inc.	101578-0	Cranberry Township	PA
Aires Consulting Services, Inc.	101014-0	Batavia	IL
AIResearch, Inc.	101868-0	Wauwatosa	WI
Airtek Environmental Corp.	102011-0	New York	NY
Akzo Kashima Ltd. Kakegawa EMC Test Site	100290-2	Shizuoka	JAPAN
Akzo Kashima Ltd., Kashima EMC Site	100290-0	Ibaraki	JAPAN
Akzo Kashima Ltd., Matsuda EMC Test Site	100290-4	Kanagawa	JAPAN
Akzo Kashima Ltd., Nagano EMC Test Site	100290-3	Nagano	JAPAN
Akzo Kashima Ltd., Tochigi EMC Test Site	100290-5	Tochigi	JAPAN
Akzo Kashima Ltd., Yokohama Test Center	100290-1	Yokohama	JAPAN
Allegheny Asbestos Analysis	101704-0	Canonsburg	PA
Alliant Techsystems	200084-0	Annapolis	MD
Allison Analytical Services, Inc.	101330-0	Worthington	OH
Alpine Consulting, Inc.	102089-0	Colorado Springs	CO
Alternative Energy Corporation, Industrial Electrotechnology Lab.	200081-0	Raleigh	NC
AMA Analytical Services, Inc.	101143-0	Lanham	MD
Ambient Labs, Inc.	101618-0	New York	NY
American Carpet Laboratories, Inc.	100139-0	Ringgold	GA
American Electric Power Service Corporation	102102-0	Columbus	OH
American Medical Laboratories	101136-0	Chantilly	VA
American Testing Laboratories, Inc.	100146-0	Lancaster	PA
Amoco Foam Products Quality Management Laboratory	100284-0	Smyrna	GA
AMS-NATEC Environmental Services, Inc.	101155-0	Garden Grove	CA
Analytica Solutions, Inc.	101086-0	Broomfield	CO
Analytical Environmental Services, Inc.	102033-0	Atlanta	GA
Analytical Industries, Inc.	101855-0	Paducah	KY
Analytical Labs San Francisco, Inc.	101909-0	San Francisco	CA
Analytical Management, Inc.	101224-0	Louisville	KY
APA - The Engineered Wood Association Research Center	100423-0	Tacoma	WA
Apex Research Laboratory	102118-0	Whitmore Lake	MI
Apollo Environmental, Inc.	101871-0	Gibsonton	FL



INDEX A. LISTING BY LABORATORY NAME - continued

LABORATORY NAME	NVLAP LAB CODE	CITY	STATE/ COUNTRY
Apple Computer, Inc., EMC Compliance Laboratory	200071-0	Cupertino	CA
Applied Environmental Testing Laboratories, Inc.	101063-0	Atlanta	GA
Applied Environmental, Inc.	101611-0	Reston	VA
Arizona Public Service Co., Palo Verde Nuclear Generating Station	100536-0	Tonopah	AZ
Armstrong Acoustic Labs, Armstrong World Ind., Inc. Innov. Center	100228-0	Lancaster	PA
ASBESTECH	101442-0	Carmichael	CA
Asbestech Laboratories, Inc.	101988-0	Pompano Beach	FL
Asbestos Analysis and Information Service, Inc.	101261-0	Chapel Hill	NC
Asbestos Analytical	101771-0	Tucson	AZ
Asbestos Consulting & Testing (ACT)	101649-0	Lenexa	KS
Asbestos Control Program Laboratory	101888-0	Corona	NY
Asbestos Detection Co., Inc.	101172-0	Garden Grove	CA
Asbestos TEM Laboratories, Inc.	101891-0	Berkeley	CA
Assaigai Analytical Laboratories, Inc.	101457-0	Albuquerque	NM
ATC Associates Inc.	102071-0	Cincinnati	OH
ATC Environmental, Inc.	101187-0	New York	NY
ATC Environmental, Inc.	102031-0	Denver	CO
ATEC Associates, Inc.	101265-0	Indianapolis	IN
ATEC Associates, Inc.	101265-2	Dallas	TX
ATEC Associates, Inc.	101265-8	Miami	FL
ATEC Associates, Inc.	101265-10	Columbia	MD
ATEC Associates, Inc.	102087-0	Marietta	GA
Athenica Environmental Services, Inc.	101958-0	Long Island City	NY
ATOKA, Inc.	101671-0	Little Rock	AR
Atomic Energy Industrial Laboratory of the Southwest	100556-0	Houston	TX
Auditory Systems Laboratory - Virginia Tech	100352-0	Blacksburg	VA
Azimuth Laboratories	101050-0	Charleston	SC
<b>B</b>			
Baltimore Gas & Electric Company	100501-0	Lusby	MD
Barnes and Jarnis, Inc.	101553-0	Boston	MA
Batta Laboratories, Inc.	101032-0	Newark	DE
Bay Area Air Quality Management District	102090-0	San Francisco	CA
BCM Engineers, Inc./Smith Environmental Technologies Corporation	101374-0	Norristown	PA
Beling Consultants, Inc.	101356-0	Moline	IL
Bell Laboratories, Division Lucent Technologies, Inc.	101965-0	Murray Hill	NJ
Bellatrix Analytical Laboratories, LLC	102110-0	Scottsdale	AZ
Benchmark Engineering Inc.	101018-0	Auburn	AL
Bentley Testing Laboratory	100288-0	City of Industry	CA
Big Rivers Electric Corp.	200028-0	Henderson	KY
BNR Product Integrity Labs	100350-0	Kanata Ontario	CANADA
Braun Intertec Corporation	101234-0	Minneapolis	MN
<b>C</b>			
CAMCO Lab	101803-0	Fontana	CA
Canadian Standards Association	100322-0	Etobicoke Ontario	CANADA
Cape Environmental Management, Inc.	102111-0	Atlanta	GA

INDEX A. LISTING BY LABORATORY NAME - continued

LABORATORY NAME	NVLAP LAB CODE	CITY	STATE/ COUNTRY
Carnow, Conibear & Associates Ltd.	101039-0	Chicago	IL
Carolina Environmental, Inc.	101768-0	Raleigh	NC
Carolina Power & Light Company, Harris Energy & Enviro. Center	100517-0	New Hill	NC
CDA, Inc., Open Systems Development Group	100364-0	McLean	VA
CDRH X-Ray Calibration Laboratory	105018-0	Rockville	MD
Center For Applied Engineering, Inc.	100417-0	St. Petersburg	FL
Certelec Laboratories, Inc.	100351-0	Ottawa Ontario	CANADA
Certelec Laboratories, Inc.	100351-1	Ogdensburg	NY
Chatfield Technical Consulting Limited	101103-0	Mississauga Ontario	CANADA
ChemScope, Inc.	101061-0	North Haven	CT
CHEMTEX Environmental Laboratory, Inc.	200025-0	Port Arthur	TX
Chomerics Test Services (CTS)	100296-0	Woburn	MA
Chopra-Lee, Inc.	200095-0	Grand Island	NY
City of Austin-Holly Chemistry Lab.	200014-0	Austin	TX
City of Los Angeles Department of Water and Power	101111-0	Los Angeles	CA
City of San Jose, Materials Testing Laboratory	100325-0	San Jose	CA
Clark County School District	101220-0	Henderson	NV
Clayton Environmental Consultants, Inc.	101106-0	Seattle	WA
Clayton Environmental Consultants, Inc.	101125-0	Kennesaw	GA
Clinton Power Station	100570-0	Clinton	IL
Combustion Engineering, Inc.	100563-0	Windsor	CT
ComEd	101749-0	Bolingbrook	IL
Commercial Testing Company	100120-0	Dalton	GA
Commonwealth Edison Company	100541-0	Bolingbrook	IL
Communication Certification Laboratory	100272-0	Salt Lake City	UT
Compaq Computer Corp. Emissions Control Lab	200058-0	Houston	TX
Compatible Electronics, Inc.	200063-0	Brea	CA
Compliance Eng. Svces, Inc., Compliance Consulting Services	200065-0	Sunnyvale	CA
Con Edison, Indian Point Station 2	100538-0	Buchanan	NY
Concord Analysis, Inc.	101884-0	Chatsworth	CA
Continental Envirotech, Inc.	200080-0	Mesa	AZ
Control Data OSI Accredited Test Center	100354-0	Arden Hills	MN
Converse Consultants MR, Inc.	102091-0	Reno	NV
Cooper Lighting - Metalux Research Laboratories	200050-0	Americus	GA
Coronet Industries, Inc.	100190-0	Dalton	GA
Covino Environmental Associates, Inc.	101781-0	Woburn	MA
Criterion Laboratories, Inc.	102046-0	Bensalem	PA
Cryptographic Equipment Assessment Lab. (CEAL)	200002-0	McLean	VA
CT&E Environmental Services	101074-0	Carlstadt	NJ
CT&E Environmental Services, Inc.	200067-0	San Diego	CA
CTL Environmental Services	101216-0	South Gate	CA
Curtis-Straus LLC	200057-0	Littleton	MA

**D**

D.L.S. Electronic Systems, Inc.	100276-0	Wheeling	IL
D/L Laboratories	100252-0	New York	NY
Daily Analytical Laboratories	101322-0	Peoria	IL

INDEX A. LISTING BY LABORATORY NAME - continued

LABORATORY NAME	NVLAP LAB CODE	CITY	STATE/ COUNTRY
Dames & Moore, Inc.	101433-0	Salem	NH
Data General Corporation	100339-0	Westboro	MA
DataChem Laboratories	101917-0	Cincinnati	OH
Davis & Floyd, Inc.	101410-0	Greenwood	SC
DCM Science Laboratory, Inc.	101258-0	Lakewood	CO
Delta Environmental Consultants, Inc.	101966-0	St. Paul	MN
Department of Environmental Health Industrial Hygiene Laboratory	101530-0	San Diego	CA
Design for Health, Inc.	101864-0	San Diego	CA
Detail Associates, Inc.	102100-0	Englewood	NJ
Detecon, Inc. Type Approval Division	200039-0	St. Paul	MN
Detroit Edison, Fermi 2 Dosimetry Laboratory	100529-0	Newport	MI
DHMH-Air Quality Laboratory	101523-0	Baltimore	MD
Digital Equipment Corp., EMC Test Facility	200078-0	Colorado Springs	CO
Digital Equipment Corporation	100380-0	Salem	NH
Digital Equipment Corporation, Marlboro E.M.C. Test Facilities	100413-0	Marlboro	MA
Diversified Environmental Technologies, Inc. (D.E.T.I.)	101621-0	Oklahoma City	OK
Dixon Information Inc.	101012-0	South Salt Lake	UT
DLZ Laboratories, Inc.	101060-0	Columbus	OH
Dodge-Regupol, Inc. Laboratory	200030-0	Lancaster	PA
Dolphin Environmental Consultants	102086-0	Stafford	TX
DOMUS Software Limited ITSEC Laboratory	200017-0	Ottawa Ontario K2P 0G5	CANADA
Dove Environmental Corporation	102053-0	Miami Lakes	FL
Dow Chemical N. America Foam Products Research, Prod. Perf. Lab.	100103-0	Granville	OH
Duke Power Company Dosimetry Laboratory	100505-0	Charlotte	NC
Duquesne Light Company, Beaver Valley Power Station	100521-0	Shippingport	PA
<b>E</b>			
E. I. du Pont Co.	100334-0	Dalton	GA
E. M. Analytical, Inc.	101902-0	Dania	FL
Eagle Industrial Hygiene Associates, Inc.	101536-0	Horsham	PA
EAI, Inc.	102114-0	Jersey City	NJ
Eastern Analytical Services, Inc.	101646-0	Elmsford	NY
Eastern Materials Testing Laboratory	100315-0	New Britain	CT
Eaton E3 Laboratory	100382-0	Southfield	MI
Eberline Analytical Corporation	200026-0	Richland	WA
Ecologics Asbestos Laboratory Services	101229-0	Anaheim	CA
ECS/Wagner Environmental	101064-0	Eugene	OR
EEC, Inc.	101088-0	Raleigh	NC
EG&G Environmental Health PLM Laboratory	101759-0	Kennedy Space Center	FL
Electric Boat Corp/A General Dynamics Co. Radiological Ctrl. Dept	100560-0	Groton	CT
Electro-Analytical, Inc.	101019-0	Mentor	OH
Elite Electronic Engineering Company	100278-0	Downers Grove	IL
Elliott Laboratories, Inc.	200069-0	Sunnyvale	CA
EMC Compliance Mgmt Group, dba Turntech Scientific & Instr., Inc.	200068-0	Mountain View	CA
EMC Test Lab	200052-0	Austin	TX

INDEX A. LISTING BY LABORATORY NAME - continued

LABORATORY NAME	NVLAP LAB CODE	CITY	STATE/ COUNTRY
EMG, Company (Environmental Monitoring Group)	200060-0	Garden Grove	CA
EMS Laboratories, Inc.	101218-0	Pasadena	CA
EMSL Analytical, Inc.	101048-0	Westmont	NJ
EMSL Analytical, Inc.	101048-1	Smyrna	GA
EMSL Analytical, Inc.	101048-2	Piscataway	NJ
EMSL Analytical, Inc.	101048-3	San Mateo	CA
EMSL Analytical, Inc.	101048-4	Ann Arbor	MI
EMSL Analytical, Inc.	101048-9	New York	NY
EMSL Analytical, Inc.	101048-10	Carle Place	NY
EMSL Analytical, Inc.	102104-0	Greensboro	NC
EMSL Analytical, Inc.	102106-0	Houston	TX
EMSL Analytical, Inc.	200019-0	Seattle	WA
EMSL Analytical, Inc.	200034-0	Dallas	TX
EMSL Analytical, Inc.	200056-0	Williamsville	NY
ENCORP	200013-0	Culver City	CA
Entek Environmental & Technical Services, Inc.	101455-0	Troy	NY
Entergy Operations, Inc. - Arkansas Nuclear One	100535-0	Russellville	AR
Enviro Techniques, Inc.	200024-0	Paterson	NJ
Enviro-Probe, Inc.	101222-0	Bronx	NY
EnviroMed Services, Inc.	101514-0	New Haven	CT
Environmental Enterprise Group(EEG), Inc.	101587-0	Russellville	AR
Environmental Hazards Services, Inc.	101882-0	Richmond	VA
Environmental Health Laboratory	101034-0	Cromwell	CT
Environmental Health Laboratory	101116-0	Macon	GA
Environmental Management Consultants, Inc.	101926-0	Phoenix	AZ
Environmental Monitoring & Consulting Associates	101087-0	Somerville	NJ
Environmental Science & Engineering, Inc.	101991-0	Englewood	CO
Environmental Service Group	102029-0	Indianapolis	IN
Environmental Services, Inc.	101306-0	St. Albans	WV
Environmental Support Services, Inc.	101987-0	Richardson	TX
Environmental Testing Laboratories, Inc.	101937-0	Farmingdale	NY
Environmental Testing, Inc.	101848-0	Middletown	DE
EnvironMETeo Services Inc.	101807-0	Waipahu	HI
Envirotest, Inc.	101595-0	Houston	TX
ERI Consulting Engineers, Inc.	101232-0	Tyler	TX
ERT Testing Services	101295-0	Highland Park	MI
EssTek Ohio, Inc.	102093-0	Cleveland	OH
Evans Environmental & Geological Science and Management, Inc.	101775-0	Miami	FL
<b>F</b>			
Fairfield Testing Laboratory, Inc.	100317-0	Stamford	CT
Fairway Testing Company, Inc.	100340-0	Stony Point	NY
Fiberquant, Inc.	101031-0	Phoenix	AZ
Fibertec, Inc.	101510-0	Holt	MI
Florida Power & Light Company	100544-0	Juno Beach	FL
Fluke Corporation Primary Standards Laboratory	105016-0	Everett	WA
Fluor Daniel Fernald, Inc.	102010-0	Cincinnati	OH
Forensic Analytical Specialties, Inc.	101459-0	Hayward	CA
Forensic Analytical Specialties, Inc.	101459-1	Rancho Domingues	CA



INDEX A. LISTING BY LABORATORY NAME - continued

LABORATORY NAME	NVLAP LAB CODE	CITY	STATE/ COUNTRY
Froehling & Robertson, Inc.	102060-0	Richmond	VA
FRS Geotech, Inc.	102078-0	Denver	CO
Fugro Environmental, Inc.	101148-0	Houston	TX
<b>G</b>			
GA Environmental Services, Inc.	101996-0	Eddystone	PA
Galson Laboratories	101375-0	East Syracuse	NY
GCI Environmental Advisory, Inc.	101820-0	Wilkes-Barre	PA
GE Lighting- Technical Support	100398-0	Cleveland	OH
Gelles Laboratories, Inc.	101170-0	Columbus	OH
Geo-Analytical Services, Inc.	102082-0	Atlanta	GA
Georgia Department of Agriculture Weights and Measures Laboratory	105006-0	Forest Park	GA
Georgia Power Company/Enviro. Affairs, Enviro. Lab-Dosimetry	100551-0	Smyrna	GA
Geoscience Ltd.	100142-0	San Diego	CA
GHP Laboratories	102098-0	Nashville	TN
Ginna Nuclear Station	100514-0	Ontario	NY
GLE Associates, Inc.	102003-0	Tampa	FL
Global EMC Standard Tech. Corp.	200085-0	Taipei County	TAIWAN
GPU Nuclear Chemistry/Materials Labs.	102064-0	Reading	PA
GPU Nuclear Corp. Nuclear Services Division	100510-0	Middletown	PA
GSC Environmental Laboratories, Inc.	101626-0	Augusta	GA
<b>H</b>			
H.C. Nutting Company	100131-0	Cincinnati	OH
Health & Hygiene, Inc.	101159-0	Greensboro	NC
Health Physics Northwest	100567-0	Tigard	OR
Health Science Associates	101384-0	Los Alamitos	CA
Henderson/Longfellow Associates, Inc.	102077-0	Brandon	FL
Henry Troemner, Inc.	105013-0	Philadelphia	PA
Hi-Tech Environmental and Laboratory Services	102013-0	Cypress	CA
HIH Laboratory, Inc.	101233-0	Webster	TX
Hillmann Environmental Company	101421-0	Union	NJ
Hollytex Carpet Mills, Inc.	100247-0	Anadarko	OK
Holometrix, Inc.	100113-0	Bedford	MA
Hub Testing Laboratory, Inc.	101045-0	Waltham	MA
Hubbell Lighting Photometric Laboratory	200020-0	Christiansburg	VA
Hufcor Laboratory	100239-0	Janesville	WI
Hygeia Environmental Inc.	102068-0	Dedham	MA
Hygeia Environmental Laboratories, Inc.	102116-0	Sierra Madre	CA
Hygeia ProScience Laboratories, Inc.	101011-0	Woburn	MA
HYGENIX, INC.	101199-0	Stamford	CT
Hygieneering, Inc.	101997-0	Burr Ridge	IL
Hygienetics Laboratory Services	101147-0	Boston	MA
<b>I</b>			
IBM Hudson Valley Acoustics Laboratory	100323-0	Poughkeepsie	NY
ICN Dosimetry Div., ICN Pharmaceuticals, Inc.	100555-0	Costa Mesa	CA
ICN Dosimetry Services, H.E. Division	100532-0	Costa Mesa	CA
IEA - Massachusetts	101005-0	N. Billerica	MA
Inchcape Testing Services NA, Inc.	100270-0	Boxborough	MA



INDEX A. LISTING BY LABORATORY NAME - continued

LABORATORY NAME	NVLAP LAB CODE	CITY	STATE/ COUNTRY
Inchcape Testing Services NA, Inc.	100274-0	Lexington	KY
Inchcape Testing Services NA, Inc.	100402-0	Cortland	NY
Inchcape Testing Services NA, Inc.	100409-0	Norcross	GA
Inchcape Testing Services NA, Inc.	101468-0	Baton Rouge	LA
Inchcape Testing Services NA, Inc.	200031-0	Middleton	WI
Inchcape Testing Services NA, Inc.	200049-0	Lake Elmo	MN
Independent Materials Testing Laboratories, Inc.	100316-0	Plainville	CT
Independent Textile Testing Service, Inc.	100166-0	Dalton	GA
Industrial Acoustics Company, Inc., Aero-Acoustics Laboratory	100404-0	Bronx	NY
Industrial Hygiene & Safety Technology, Inc.	101634-0	Dallas	TX
Industrial Laboratory	102115-0	Portsmouth	VA
Industrial Testing Laboratories, Inc.	101072-0	St. Louis	MO
InfoGard Laboratories	100432-0	San Luis Obispo	CA
Inland Foundation Engineering, Inc.	100406-0	San Jacinto	CA
Insta-Foam Products, Inc.	100210-0	Joliet	IL
Institute for Environmental Assessment	101249-0	Brooklyn Park	MN
Instron Force Calibration Laboratory	105023-0	Canton	MA
Instrument Specialties Co., Inc.	200076-0	Delaware Water Gap	PA
Integrity Design & Test Services, Inc.	200004-0	Littleton	MA
Intellistor Open Area Test Site	100396-0	Rollinsville	CO
International Asbestos Testing Laboratory	101165-0	Mt. Laurel	NJ
International Compliance Corporation	100426-0	Lewisville	TX
Iowa Environmental Services, Inc.	101990-0	Des Moines	IA
IPS Corporation	200012-0	Nagano	JAPAN

**J**

Jimmie Ann Bolton	101735-0	Austin	TX
JLC Environmental Consultants, Inc.	101953-0	New York	NY
JMS Environmental Associates, Ltd.	102012-0	Westmont	IL

**K**

KAM Consultants	102047-0	Long Island City	NY
Kellco Services, Inc.	101331-0	Fremont	CA
KETER Consultants, Inc.	101727-0	Willow Springs	IL
Kevco Services, Inc.	101941-0	Butler	PA
Kingston Environmental Laboratory	200041-0	Lee's Summit	MO
Knauf Fiber Glass Research Laboratory	100248-0	Shelbyville	IN
Knoxville Branch Laboratory-TN Dept. Health	101496-0	Knoxville	TN

**L**

Lab/Cor, Inc.	101920-0	Seattle	WA
Labcorp Analytics Laboratory	101004-0	Richmond	VA
Landauer, Inc.	100518-0	Glenwood	IL
Larron Laboratory	101415-0	Cape Girardeau	MO
Law Engineering and Environmental Services, Inc.	101066-0	Birmingham	AL
Law Engineering and Environmental Services, Inc.	101226-0	Charlotte	NC
Law Engineering and Environmental Services, Inc.	101515-0	Tampa	FL
Law Engineering and Environmental Services, Inc.	101515-1	Miami Lakes	FL

INDEX A. LISTING BY LABORATORY NAME - continued

LABORATORY NAME	NVLAP LAB CODE	CITY	STATE/ COUNTRY
Law Engineering and Environmental Services, Inc.	101847-0	Chantilly	VA
Law Engineering and Environmental Services, Inc.	101973-0	Dallas	TX
Law Engineering, Inc.	101152-0	Houston	TX
Law/Crandall	102035-0	Phoenix	AZ
Legend Technical Services, Inc.	102081-0	St. Paul	MN
Levecque Technical Center	100101-0	Blue Bell	PA
LEX Scientific Inc.	101949-0	Guelph Ontario	CANADA
LG Electronics, Inc., Quality and Reliability Center	200040-0	Seoul	KOREA
Lithonia Testing Laboratories	200007-0	Conyers	GA
Lockheed Martin Missiles & Space	105017-0	Sunnyvale	CA
Lockheed Martin Utility Services, Inc.	101383-0	Piketon	OH
Loflin Environmental Services	102044-0	Houston	TX
Los Angeles Harbor Department Testing Laboratory	102020-0	Wilmington	CA
Los Angeles Unified School District	101505-0	Los Angeles	CA
Louisiana Department of Environmental Quality Microanalytical Lab	102000-0	Baton Rouge	LA
Lucent Technologies, Global Product Compliance Lab	100275-0	Holmdel	NJ
<b>m</b>			
m.a.c. Paran Consulting Services, Inc.	102108-0	Amelia	OH
<b>M</b>			
M.S.L. Guardian	101399-0	Louisville	KY
MacMillan Bloedel Packaging, Inc., Combined Board Test Lab	100259-0	Pine Hill	AL
MACS Lab, Inc.	101948-0	Santa Clara	CA
Mallinckrodt Group, Inc.	100503-0	Maryland Heights	MO
ManTech Environmental Corporation	101277-0	Rockville	MD
Marine Chemist Service, Inc.	101425-0	Newport News	VA
Materials Analytical Services, Inc.	101235-0	Norcross	GA
Materials Testing, Inc.	100320-0	Milford	CT
Matsushita EMC Center	100428-0	Taki-gun, Hyogo	JAPAN
Maxim Technologies, Inc.	101091-0	Dallas	TX
Maxim Technologies, Inc.	101091-1	Houston	TX
Maxim Technologies, Inc.	101292-0	Billings	MT
Maxim Technologies, Inc.	200046-0	St. Paul	MN
McCall and Spero Environmental, Inc.	101895-0	Louisville	KY
McKee Environmental Health, Inc.	101135-0	Friendswood	TX
MDS Laboratories	101262-0	Reading	PA
MET Laboratories, Inc.	100273-0	Baltimore	MD
Michael & Associates	100427-0	State College	PA
Micro Air of Texas, Inc.	102008-0	Houston	TX
Micro Air, Inc.	101221-0	Indianapolis	IN
Micro Analytical Laboratories, Inc.	101151-0	Gainesville	FL
Micro Analytical Laboratories, Inc.	101872-0	Emeryville	CA
Micro Analytical Laboratories, Inc.	200054-0	San Francisco	CA
Micro Analytical, Inc.	101247-0	Milwaukee	WI
Microbac Laboratories, Inc.	101035-0	Erie	PA
Microscopic Analysis, Inc.	101037-0	St. Louis	MO
Midwest Laboratories, Inc.	101894-0	Countryside	IL

INDEX A. LISTING BY LABORATORY NAME - continued

LABORATORY NAME	NVLAP LAB CODE	CITY	STATE/ COUNTRY
Milan Asbestos Laboratory	102095-0	Milan	MN
Mindcraft, Inc.	100342-0	Palo Alto	CA
Minnesota Metrology Laboratory	105003-0	St. Paul	MN
Mohawk Industries, Inc., Karastan Rug Mill Testing	100178-0	Eden	NC
Mohawk Industries, Inc.- Lyerly Plant	100156-0	Lyerly	GA
Motorola Product Quality Assurance Laboratory	200005-0	Mansfield	MA
Motorola SSTG EMC/TEMPEST Laboratory	100405-0	Scottsdale	AZ
Mountain Laboratories	101890-0	Spokane	WA
Mountaineer Testing Laboratories, Inc.	101784-0	Lewisburg	WV
MRS., Analytical Laboratory, Inc.	102113-0	Louisville	KY
Muranaka Environmental Consultants, Inc.	102085-0	Honolulu	HI
Mystic Air Quality Consultants, Inc.	101282-0	Groton	CT
<b>N</b>			
NAHB Research Center, Inc.	100104-0	Upper Marlboro	MD
National Analytical Laboratories, Inc.	102080-0	Roseville	CA
National Computing Centre Ltd.	100357-0	Manchester	UNITED KINGDOM
National Econ Corporation	102062-0	Irvine	CA
National Econ Corporation	200047-0	Memphis	TN
National Enforcement Investigations Center - U.S. EPA	101703-0	Denver	CO
National Environmental Reference Laboratory	101593-0	Denver	CO
National Particleboard Association	100418-0	Gaithersburg	MD
National Testing Laboratories, Inc.	101428-0	Long Island City	NY
Naval Dosimetry Center	100504-0	Bethesda	MD
Naval Nuclear Propulsion Program Directorate	100565-0	Bremerton	WA
NAWC AD 5.I.7.3. EMI Lab	100408-0	Patuxent River	MD
New York Testing Laboratories, Inc.	101332-0	West Babylon	NY
Newport News Shipbuilding Radiological Control Department	100561-0	Newport News	VA
Niagara Mohawk Power Corporation - Nine Mile Point	100553-0	Lycoming	NY
Niche Analysis, Inc.	102057-0	Mount Vernon	NY
NJSP Calibration Laboratory	200006-0	Princeton	NJ
Norand EMC Test Laboratory	100269-0	Cedar Rapids	IA
North American Analytical Labs, Inc.	101782-0	Abilene	TX
North Anna Power Station	100520-0	Mineral	VA
Northeast Test Consultants	101565-0	Westbrook	ME
Northeast Utilities Service Company Dosimetry Laboratory	100540-0	Newington	CT
Northern Telecom BVW Lab	200098-0	Belleville, Ontario	CANADA
Northern Telecom Inc. (MCS)	100411-0	Santa Clara	CA
Northern Testing Laboratories, Inc.	101463-0	Fairbanks	AK
Northwest EMC, Inc.	200059-0	Newberg	OR
Northwest Envirocon, Inc.	101869-0	Vancouver	WA
Northwest Envirocon, Inc.	101869-2	Muscle Shoals	AL
NOVA Environmental Services, Inc.	101545-0	Chaska	MN
NVL Laboratories, Inc.	102063-0	Seattle	WA
NY Environmental & Material Testing Laboratories, Inc.	101967-0	Port Washington	NY

INDEX A. LISTING BY LABORATORY NAME - continued

LABORATORY NAME	NVLAP LAB CODE	CITY	STATE/ COUNTRY
<b>O</b>			
O'Brien & Gere Laboratories, Inc.	101343-0	Syracuse	NY
Oak Ridge Metrology Center, Dimensional Metrology	105000-0	Oak Ridge	TN
OCCU-TEC, Inc.	102025-0	Kansas City	MO
Occupational Health Conservation, Inc.	102050-0	Jacksonville	FL
Occupational Health Technologies, Inc.	101436-0	Colorado Springs	CO
Oklahoma Dept. of Environmental Quality-State Environmental Lab	102112-0	Oklahoma City	OK
Omega Environmental Services	101289-0	Hackensack	NJ
Omni Environmental, Inc.	102061-0	Austin	TX
Open Systems Environment Testing Laboratory	100385-0	Ft. Huachuca	AZ
Osram Sylvania Inc., Test & Measurements Laboratory	100403-0	Beverly	MA
Owens Corning - Granville	100109-0	Granville	OH
<b>P</b>			
PA DEP Bureau of Laboratories	101323-0	Harrisburg	PA
Pacific Environmental Services, Inc.	101190-0	Herndon	VA
Pacific Gas & Electric Company, Diablo Canyon Nuclear Power Plant	100537-0	Avila Beach	CA
Pacific Northwest National Laboratory	105020-0	Richland	WA
PBS Environmental Building Consultants, Inc.	101910-0	Portland	OR
PCTEST Engineering Laboratory, Inc.	100431-0	Columbia	MD
PDE Laboratories	200082-0	San Clemente	CA
PDR Environmental Laboratories	101479-0	Nashville	TN
Pennsylvania Power and Light Company	100554-0	Allentown	PA
Perennial, Inc.	100344-0	Santa Clara	CA
PFS Corporation	100421-0	Madison	WI
PHH Environmental Limited	101675-0	Richmond, British Columbia	CANADA
Philip Environmental Services Corp.	101192-0	Columbia	IL
Philips Lighting Corporate Calibration & Standards Laboratory	100399-0	Fairmont	WV
Pinchin Environmental Consultants Ltd.	101270-0	Mississauga Ontario	CANADA
Pinchin LeBlanc Environmental Ltd.	101270-1	Dartmouth N.S.	CANADA
PMK Group, Inc.	101301-0	Kenilworth	NJ
Portsmouth Gaseous Diffusion Plant	100574-0	Piketon	OH
Precision Environmental Services, Inc.	101631-0	Tukwila	WA
Precision Micro-Analysis, Inc.	101656-0	Sacramento	CA
Precision Testing Laboratories, Inc.	101580-0	Moore	OK
Prezant Associates, Inc.	101886-0	Seattle	WA
PRIMES (Preflight Integration of Munitions & Electronic Systems)	100422-0	Eglin Air Force Base	FL
Pro-Ac, Inc.	101585-0	Cincinnati	OH
Professional Service Industries, Inc.	101342-0	Lawrence	KS
Professional Service Industries, Inc., Pittsburgh Test. Lab. Div.	100430-0	Eugene	OR
Professional Testing Laboratory, Inc.	100297-0	Dalton	GA
ProScience Analytical Services, Inc.	200090-0	Woburn	MA
Proxtronics, Inc.	100573-0	Burke	VA
PSI	100319-0	New Haven	CT
PSI	101350-0	Pittsburgh	PA



LABORATORY NAME	NVLAP LAB CODE	CITY	STATE/ COUNTRY
PSI	101755-0	New York	NY
PSI	101970-0	Brea	CA
PSI, Inc.	101070-0	Farmingdale	NY
Puget Sound Naval Shipyard	101539-0	Bremerton	WA
<b>Q</b>			
QuanTEM Laboratories, LLC	101959-0	Oklahoma City	OK
Queen Carpet Test Laboratory	100429-0	Dalton	GA
Quest Engineering Solutions, Inc.	200036-0	Billerica	MA
Quest Industrial Inc.	101062-0	Youngstown	OH
<b>R</b>			
R & B Enterprises	100280-0	West Conshohocken	PA
R. Robinson Analytical Services, Inc.	102041-0	Pensacola	FL
Radiation Detection Company	100512-0	Sunnyvale	CA
Radiation Laboratory, Taiwan Power Company	100562-0	Shihmen Taipei	TAIWAN
Rapid Environmental Management, Inc.	101974-0	Great Neck	NY
RCM Laboratories, Inc.	101853-0	Brookfield	IL
Recon Environmental Corp.	102079-0	Weymouth	MA
Reservoirs Environmental Services, Inc.	101896-0	Denver	CO
Reservoirs Environmental Services, Inc.	101896-1	Houston	TX
Resources, Applications, Designs & Control, Inc. (RADCO)	100261-0	Long Beach	CA
Retlif Testing Laboratories	100267-0	Ronkonkoma	NY
Retlif Testing Laboratories	100267-1	Goffstown	NH
Rhein Tech Laboratories, Inc.	200061-0	Herndon	VA
RI Analytical Laboratories, Inc.	101440-0	Warwick	RI
Rice Lake Weighing Systems	105001-0	Rice Lake	WI
Riverbank Acoustical Laboratories	100227-0	Geneva	IL
Riverside County Department of Environmental Health	101145-0	Riverside	CA
RJ Lee Group, Inc.	101208-0	Monroeville	PA
RJ Lee Group, Inc.	101208-2	San Leandro	CA
RJ Lee Group, Inc.	101208-3	Manassas	VA
RJ Lee Group, Inc.	101208-5	Houston	TX
Rockford Engineering Services	200075-0	St. Leonard	MD
Roy F. Weston, Inc.	101254-0	Auburn	AL
Rust Federal Services of Hanford, Inc.	101058-0	Richland	WA
<b>S</b>			
S&ME, Inc.	102075-0	Charlotte	NC
Safe Environment of America	102021-0	Kent	WA
Safety Environmental Laboratories, Inc.	101588-0	Birmingham	AL
San Joaquin Environmental, Inc.	102117-0	Fresno	CA
Sandia National Laboratories	105002-0	Albuquerque	NM
Schneider Laboratories, Inc.	101150-0	Richmond	VA
Schuller International, Inc., Mountain Technical Center	100425-0	Littleton	CO
Scientific Laboratories, Inc.	101904-0	Richmond	VA
Scientific Laboratories, Inc.	101904-1	New York	NY
Scope Laboratory	102107-0	Los Angeles	CA
SEAS, Inc.	101185-0	Blacksburg	VA
SGS U.S. Testing Company, Inc.	100416-0	Tulsa	OK
Shaw Industries, Inc., Technical Services	100193-0	Dalton	GA



INDEX A. LISTING BY LABORATORY NAME - continued

LABORATORY NAME	NVLAP LAB CODE	CITY	STATE/ COUNTRY
Solar Environmental Services, Inc.	102006-0	Anchorage	AK
South Carolina Department of Health & Environmental Control	101572-0	Columbia	SC
South Coast Air Quality Management District	101567-0	Diamond Bar	CA
South Texas Project Dosimetry Laboratory	100519-0	Wadsworth	TX
Southern California Edison	100506-0	San Clemente	CA
Southern California Edison Company	105014-0	Westminster	CA
Special Testing Laboratories, Inc.	100308-0	Bethel	CT
Spectrum Research & Testing Laboratory, Inc.	200099-0	Chun-Li, Taoyuan	TAIWAN
Spectrum Research & Testing Laboratory, Inc.	200100-0	Owing	MD
SSM/Laboratories, Inc.	101112-0	Reading	PA
St. Louis County Department of Health	101506-0	Clayton	MO
St. of California, Bur. of Home Furnishings & Thermal Insulation	100251-0	North Highlands	CA
Standard Testing and Engineering Company	101053-0	Oklahoma City	OK
Stanley Engineering Inc.	101568-0	Oklahoma City	OK
STAT Analysis Corporation	101202-0	Chicago	IL
State of Connecticut	101237-0	Hartford	CT
State of Virginia Metrology Lab	105007-0	Richmond	VA
Steve Moody Micro Services, Inc.	102056-0	Carrollton	TX
STS Consultants, Ltd.	100191-0	Northbrook	IL
Sun City Analytical, Inc.	101870-0	El Paso	TX

**T**

TAKA Analytical Services, Inc.	101724-0	Northport	NY
Taylor Environmental Group, Inc.	102101-0	Floral Park	NY
TC Analytics, Inc.	101672-0	Norfolk	VA
Technical Services Laboratory	101558-0	Long Island City	NY
Technology Products Assurance	200055-0	North York, Ontario	CANADA
Teledyne Brown Engineering Environmental Services	100533-0	Westwood	NJ
TEM, Incorporated	101130-0	Glen Ellyn	IL
Tennessee Valley Authority External Dosimetry Service	100516-0	Soddy-Daisy	TN
Tennessee Valley Authority, Western Area Radiological Laboratory	200022-0	Muscle Shoals	AL
Terra-Mar, Inc.	101940-0	Fort Worth	TX
TerraNext	101162-0	Dallas	TX
Test Site Services, Inc.	100419-0	Marlboro	MA
Test-Con Incorporated	200018-0	Danbury	CT
Testing Mechanics Corp.	102001-0	Seaford	NY
Testwell Craig Laboratories & Consultants, Inc.	102096-0	Davie	FL
Testwell Craig Laboratories, Inc.	200083-0	Ossining	NY
Testwell Craig Testing Laboratories, Inc.	200083-1	Mays Landing	NJ
The Scott Lawson Group, Ltd.	101228-0	Concord	NH
Thermo NUtech	100515-0	Albuquerque	NM
Thomas Lighting C & I Division, Photometric Laboratory	200016-0	Tupelo	MS
Timberco, Inc.- dba TECO	100420-0	Eugene	OR
TolTest, Inc.	101594-0	Toledo	OH
TRC Environmental Corporation	101424-0	Windsor	CT
Tremco, Inc./BFGoodrich - Roofing Division	101188-0	Beachwood	OH

**INDEX A. LISTING BY LABORATORY NAME - continued**

<b>LABORATORY NAME</b>	<b>NVLAP LAB CODE</b>	<b>CITY</b>	<b>STATE/ COUNTRY</b>
Tri-State Materials Testing Lab, Inc.	200010-0	Newington	CT
Triad, Inc.	102073-0	Huntington	WV
Troxler Radiation Monitoring Svc. a div. of Troxler Elect. Labs	100559-0	Research Triangle Park	NC
TSI, Testing Services, Inc.	100108-0	Dalton	GA
TU Electric-Comanche Peak Steam Electric Station	100528-0	Glen Rose	TX
TUV Product Service, Inc.	100268-0	San Diego	CA
TUV Product Service, Inc.	100271-0	New Brighton	MN
TUV Product Service, Inc.	100271-1	Lyons	CO
Twin Ports Testing, Inc.	102083-0	Superior	WI

**U**

U.S. Army Center for Health Promotion and Preventive Medicine	200044-0	Aberdeen Proving Ground	MD
U.S. Army Ionizing Radiation Dosimetry Center (USAIRDC)	100539-0	Redstone Arsenal	AL
U.S. Army Primary Standards Laboratory	105004-0	Redstone Arsenal	AL
UltraTech Engineering Labs Inc.	200093-0	Mississauga, Ontario L5L 5R2	CANADA
Underwriters Laboratories Inc.	100414-0	Northbrook	IL
Underwriters Laboratories, Inc.	100255-0	Melville	NY
Union Electric Company, Callaway Plant	100502-0	Fulton	MO
UNISYS-Systems Certification	100367-0	Paoli	PA
United Analytical Services, Inc.	101732-0	Hillside	IL
United States Dosimetry Technology, Inc.	100571-0	Richland	WA
University (State) Hygienic Laboratory	101288-0	Iowa City	IA
University of Alabama Asbestos Laboratory	102005-0	Tuscaloosa	AL
USAF Armstrong Laboratory/OEBD	100548-0	Brooks AFB	TX

**V**

Vanasse Hangen Brustlin, Inc.	100400-0	Watertown	MA
Vartest Laboratories, Inc.	200027-0	New York	NY
Versar, Inc.	101122-0	Springfield	VA
Vibro-Acoustics Laboratory	100424-0	Scarborough Ontario MIX 1A2	CANADA
Volz Environmental Services, Inc.	101269-0	Pittsburgh	PA
Vortex Inc./DBA V-Lab	102105-0	Warwick	RI

**W**

Washington Laboratories, Ltd.	200066-0	Gaithersburg	MD
Washington Metropolitan Area Transit Authority QLAS Laboratory	100313-0	Washington	DC
Water, Earth Solutions & Technologies, Inc.	102043-0	Dallas	TX
Wausau Insurance Companies	101079-0	Wausau	WI
Wayne Langston, Inc.	200021-0	League City	TX
Webber Gage Division / L.S. Starrett Co.	200038-0	Cleveland	OH
West Allis Memorial Hospital	101661-0	West Allis	WI
Western Analytical Laboratory	200037-0	Burbank	CA
Western Electro-Acoustic Lab., Inc.	100256-0	Santa Monica	CA
Westinghouse Electric Corporation	100569-1	Spartanburg	SC
Westinghouse Electric Corporation Nuclear Services Div. TLD Lab	100569-0	Madison	PA
White Environmental Consultants Inc.	200124-0	Anchorage	AK
Willamette Industries, Inc. West Coast Development Lab	200045-0	Wilsonville	OR
Williams & Associates, Inc.	102027-0	Memphis	TN

INDEX A. LISTING BY LABORATORY NAME - continued

LABORATORY NAME	NVLAP LAB CODE	CITY	STATE/ COUNTRY
Wisconsin Occupational Health Laboratory	101109-0	Madison	WI
WKP Laboratories, Inc.	101950-0	Ossining	NY
WMI Environmental Services	102065-0	Kalamazoo	MI
World Carpets, Inc.	100197-0	Dalton	GA

**Y**

Yankee Atomic Electric Company, Environmental Laboratory	100524-0	Bolton	MA
---	----------	--------	----

**INDEX**

**B**

**LISTING BY  
FIELD OF  
ACCREDITATION**





INDEX B. LISTING BY FIELD OF ACCREDITATION

LABORATORY NAME	NVLAP LAB CODE	CITY	STATE/ COUNTRY
-----------------	-------------------	------	-------------------

**CALIBRATION LABORATORIES GROUP**

*Dimensional*

Lockheed Martin Missiles & Space	105017-0	Sunnyvale	CA
Minnesota Metrology Laboratory	105003-0	St. Paul	MN
Oak Ridge Metrology Center, Dimensional Metrology	105000-0	Oak Ridge	TN
State of Virginia Metrology Lab	105007-0	Richmond	VA
Webber Gage Division / L.S. Starrett Co.	200038-0	Cleveland	OH

*Electromagnetics - DC/Low Frequency*

Fluke Corporation Primary Standards Laboratory	105016-0	Everett	WA
Lockheed Martin Missiles & Space	105017-0	Sunnyvale	CA
Sandia National Laboratories	105002-0	Albuquerque	NM
Southern California Edison Company	105014-0	Westminster	CA
U.S. Army Primary Standards Laboratory	105004-0	Redstone Arsenal	AL

*Electromagnetics - RF/Microwave*

Sandia National Laboratories	105002-0	Albuquerque	NM
U.S. Army Primary Standards Laboratory	105004-0	Redstone Arsenal	AL

*Ionizing Radiation*

CDRH X-Ray Calibration Laboratory	105018-0	Rockville	MD
Pacific Northwest National Laboratory	105020-0	Richland	WA
U.S. Army Primary Standards Laboratory	105004-0	Redstone Arsenal	AL

*Mechanical*

Georgia Department of Agriculture Weights and Measures Laboratory	105006-0	Forest Park	GA
Henry Troemner, Inc.	105013-0	Philadelphia	PA
Instron Force Calibration Laboratory	105023-0	Canton	MA
Minnesota Metrology Laboratory	105003-0	St. Paul	MN
Rice Lake Weighing Systems	105001-0	Rice Lake	WI
Southern California Edison Company	105014-0	Westminster	CA
State of Virginia Metrology Lab	105007-0	Richmond	VA

*Thermodynamic*

Minnesota Metrology Laboratory	105003-0	St. Paul	MN
State of Virginia Metrology Lab	105007-0	Richmond	VA
U.S. Army Primary Standards Laboratory	105004-0	Redstone Arsenal	AL

*Time & Frequency*

Sandia National Laboratories	105002-0	Albuquerque	NM
State of Virginia Metrology Lab	105007-0	Richmond	VA
U.S. Army Primary Standards Laboratory	105004-0	Redstone Arsenal	AL

**COMPUTER/ELECTRONICS GROUP**

*Cryptographic Modules Testing*

Cryptographic Equipment Assessment Lab. (CEAL)	200002-0	McLean	VA
DOMUS Software Limited ITSEC Laboratory	200017-0	Ottawa Ontario	CANADA
InfoGard Laboratories	100432-0	San Luis Obispo	CA

INDEX B. LISTING BY FIELD OF ACCREDITATION - continued

LABORATORY NAME	NVLAP LAB CODE	CITY	STATE/ COUNTRY
<b>GOSIP</b>			
CDA, Inc., Open Systems Development Group	100364-0	McLean	VA
Control Data OSI Accredited Test Center	100354-0	Arden Hills	MN
National Computing Centre Ltd.	100357-0	Manchester	UNITED KINGDOM
Open Systems Environment Testing Laboratory	100385-0	Ft. Huachuca	AZ
UNISYS-Systems Certification	100367-0	Paoli	PA
<b>POSIX</b>			
Mindcraft, Inc.	100342-0	Palo Alto	CA
Perennial, Inc.	100344-0	Santa Clara	CA
UNISYS-Systems Certification	100367-0	Paoli	PA
<b>Federal Communications Commission (FCC) Methods</b>			
3M Product Safety EMC Laboratory	200033-0	St. Paul	MN
Akzo Kashima Ltd. Kakegawa EMC Test Site	100290-2	Shizuoka	JAPAN
Akzo Kashima Ltd., Kashima EMC Site	100290-0	Ibaraki	JAPAN
Akzo Kashima Ltd., Matsuda EMC Test Site	100290-4	Kanagawa	JAPAN
Akzo Kashima Ltd., Nagano EMC Test Site	100290-3	Nagano	JAPAN
Akzo Kashima Ltd., Tochigi EMC Test Site	100290-5	Tochigi	JAPAN
Akzo Kashima Ltd., Yokohama Test Center	100290-1	Yokohama	JAPAN
Alliant Techsystems	200084-0	Annapolis	MD
Apple Computer, Inc., EMC Compliance Laboratory	200071-0	Cupertino	CA
BNR Product Integrity Labs	100350-0	Kanata Ontario	CANADA
Certelem Laboratories, Inc.	100351-0	Ottawa Ontario	CANADA
Certelem Laboratories, Inc.	100351-1	Ogdensburg	NY
Chomerics Test Services (CTS)	100296-0	Woburn	MA
Communication Certification Laboratory	100272-0	Salt Lake City	UT
Compaq Computer Corp. Emissions Control Lab	200058-0	Houston	TX
Compatible Electronics, Inc.	200063-0	Brea	CA
Compliance Eng. Svces, Inc., Compliance Consulting Services	200065-0	Sunnyvale	CA
Curtis-Straus LLC	200057-0	Littleton	MA
D.L.S. Electronic Systems, Inc.	100276-0	Wheeling	IL
Data General Corporation	100339-0	Westboro	MA
Detecon, Inc. Type Approval Division	200039-0	St. Paul	MN
Digital Equipment Corp., EMC Test Facility	200078-0	Colorado Springs	CO
Digital Equipment Corporation	100380-0	Salem	NH
Digital Equipment Corporation, Marlboro E.M.C. Test Facilities	100413-0	Marlboro	MA
Elite Electronic Engineering Company	100278-0	Downers Grove	IL
Elliott Laboratories, Inc.	200069-0	Sunnyvale	CA
EMC Compliance Mgmt Group, dba Turntech Scientific & Instr., Inc.	200068-0	Mountain View	CA
EMC Test Lab	200052-0	Austin	TX
Global EMC Standard Tech. Corp.	200085-0	Taipei County	TAIWAN
Inchcape Testing Services NA, Inc.	100270-0	Boxborough	MA
Inchcape Testing Services NA, Inc.	100274-0	Lexington	KY
Inchcape Testing Services NA, Inc.	100409-0	Norcross	GA

**INDEX B. LISTING BY FIELD OF ACCREDITATION - continued**

<b>LABORATORY NAME</b>	<b>NVLAP LAB CODE</b>	<b>CITY</b>	<b>STATE/ COUNTRY</b>
Inchcape Testing Services NA, Inc.	200049-0	Lake Elmo	MN
Instrument Specialties Co., Inc.	200076-0	Delaware Water Gap	PA
Integrity Design & Test Services, Inc.	200004-0	Littleton	MA
Intellistor Open Area Test Site	100396-0	Rollinsville	CO
International Compliance Corporation	100426-0	Lewisville	TX
IPS Corporation	200012-0	Nagano	JAPAN
LG Electronics, Inc., Quality and Reliability Center	200040-0	Seoul	KOREA
Lucent Technologies, Global Product Compliance Lab	100275-0	Holmdel	NJ
Matsushita EMC Center	100428-0	Taki-gun, Hyogo	JAPAN
MET Laboratories, Inc.	100273-0	Baltimore	MD
Motorola Product Quality Assurance Laboratory	200005-0	Mansfield	MA
Motorola SSTG EMC/TEMPEST Laboratory	100405-0	Scottsdale	AZ
Norand EMC Test Laboratory	100269-0	Cedar Rapids	IA
Northern Telecom BVW Lab	200098-0	Belleville, Ontario	CANADA
Northern Telecom Inc. (MCS)	100411-0	Santa Clara	CA
Northwest EMC, Inc.	200059-0	Newberg	OR
PCTEST Engineering Laboratory, Inc.	100431-0	Columbia	MD
PDE Laboratories	200082-0	San Clemente	CA
Quest Engineering Solutions, Inc.	200036-0	Billerica	MA
R & B Enterprises	100280-0	West Conshohocken	PA
Retlif Testing Laboratories	100267-0	Ronkonkoma	NY
Retlif Testing Laboratories	100267-1	Goffstown	NH
Rhein Tech Laboratories, Inc.	200061-0	Herndon	VA
Rockford Engineering Services	200075-0	St. Leonard	MD
Spectrum Research & Testing Laboratory, Inc.	200099-0	Chun-Li, Taoyuan	TAIWAN
Spectrum Research & Testing Laboratory, Inc.	200100-0	Owing	MD
Technology Products Assurance	200055-0	North York, Ontario	CANADA
Test Site Services, Inc.	100419-0	Marlboro	MA
TUV Product Service, Inc.	100268-0	San Diego	CA
TUV Product Service, Inc.	100271-0	New Brighton	MN
TUV Product Service, Inc.	100271-1	Lyons	CO
UltraTech Engineering Labs Inc.	200093-0	Mississauga, Ontario	CANADA
Underwriters Laboratories Inc.	100414-0	Northbrook	IL
Underwriters Laboratories, Inc.	100255-0	Melville	NY
Washington Laboratories, Ltd.	200066-0	Gaithersburg	MD
Wayne Langston, Inc.	200021-0	League City	TX
<b><i>MIL-STD-462 Test Methods</i></b>			
Acton Environmental Testing, dba National Technical Systems	100347-0	Acton	MA
Eaton E3 Laboratory	100382-0	Southfield	MI
Elite Electronic Engineering Company	100278-0	Downers Grove	IL
Inchcape Testing Services NA, Inc.	100270-0	Boxborough	MA
Motorola SSTG EMC/TEMPEST Laboratory	100405-0	Scottsdale	AZ
NAWC AD 5.1.7.3. EMI Lab	100408-0	Patuxent River	MD
PRIMES (Preflight Integration of Munitions & Electronic Systems)	100422-0	Eglin Air Force Base	FL

**INDEX B. LISTING BY FIELD OF ACCREDITATION - continued**

<b>LABORATORY NAME</b>	<b>NVLAP LAB CODE</b>	<b>CITY</b>	<b>STATE/ COUNTRY</b>
R & B Enterprises	100280-0	West Conshohocken	PA
Retlif Testing Laboratories	100267-0	Ronkonkoma	NY
TUV Product Service, Inc.	100268-0	San Diego	CA
TUV Product Service, Inc.	100271-0	New Brighton	MN
<b>DOSIMETRY GROUP</b>			
<i><b>Ionizing Radiation Dosimetry</b></i>			
Arizona Public Service Co., Palo Verde Nuclear Generating Station	100536-0	Tonopah	AZ
Atomic Energy Industrial Laboratory of the Southwest	100556-0	Houston	TX
Baltimore Gas & Electric Company	100501-0	Lusby	MD
Carolina Power & Light Company, Harris Energy & Enviro. Center	100517-0	New Hill	NC
Clinton Power Station	100570-0	Clinton	IL
Combustion Engineering, Inc.	100563-0	Windsor	CT
ComEd - TLD Processing Lab - CTEAM Facility	100541-0	Bolingbrook	IL
Con Edison, Indian Point Station 2	100538-0	Buchanan	NY
Detroit Edison, Fermi 2 Dosimetry Laboratory	100529-0	Newport	MI
Duke Power Company Dosimetry Laboratory	100505-0	Charlotte	NC
Duquesne Light Company, Beaver Valley Power Station	100521-0	Shippingport	PA
Eberline Analytical Corporation	200026-0	Richland	WA
Electric Boat Corp/A General Dynamics Co. Radiological Ctrl. Dept	100560-0	Groton	CT
Entergy Operations, Inc. - Arkansas Nuclear One	100535-0	Russellville	AR
Florida Power & Light Company	100544-0	Juno Beach	FL
Georgia Power Company/Enviro. Affairs, Enviro. Lab-Dosimetry	100551-0	Smyrna	GA
Ginna Nuclear Station	100514-0	Ontario	NY
GPU Nuclear Corp. Nuclear Services Division	100510-0	Middletown	PA
Health Physics Northwest	100567-0	Tigard	OR
ICN Dosimetry Div., ICN Pharmaceuticals, Inc.	100555-0	Costa Mesa	CA
ICN Dosimetry Services, H.E. Division	100532-0	Costa Mesa	CA
Landauer, Inc.	100518-0	Glenwood	IL
Mallinckrodt Group, Inc.	100503-0	Maryland Heights	MO
Naval Dosimetry Center	100504-0	Bethesda	MD
Naval Nuclear Propulsion Program Directorate	100565-0	Bremerton	WA
Newport News Shipbuilding Radiological Control Department	100561-0	Newport News	VA
Niagara Mohawk Power Corporation - Nine Mile Point	100553-0	Lycoming	NY
NJSP Calibration Laboratory	200006-0	Princeton	NJ
North Anna Power Station	100520-0	Mineral	VA
Northeast Utilities Service Company Dosimetry Laboratory	100540-0	Newington	CT



**INDEX B. LISTING BY FIELD OF ACCREDITATION - continued**

<b>LABORATORY NAME</b>	<b>NVLAP LAB CODE</b>	<b>CITY</b>	<b>STATE/ COUNTRY</b>
Pacific Gas & Electric Company, Diablo Canyon Nuclear Power Plant	100537-0	Avila Beach	CA
Pennsylvania Power and Light Company	100554-0	Allentown	PA
Portsmouth Gaseous Diffusion Plant	100574-0	Piketon	OH
Proxtronic, Inc.	100573-0	Burke	VA
Radiation Detection Company	100512-0	Sunnyvale	CA
Radiation Laboratory, Taiwan Power Company	100562-0	Shihmen Taipei	TAIWAN
South Texas Project Dosimetry Laboratory	100519-0	Wadsworth	TX
Southern California Edison	100506-0	San Clemente	CA
Teledyne Brown Engineering Environmental Services	100533-0	Westwood	NJ
Tennessee Valley Authority External Dosimetry Service	100516-0	Soddy-Daisy	TN
Tennessee Valley Authority, Western Area Radiological Laboratory	200022-0	Muscle Shoals	AL
Thermo NUtech	100515-0	Albuquerque	NM
Troxler Radiation Monitoring Svc. a div. of Troxler Elect. Labs	100559-0	Research Triangle Park	NC
TU Electric-Comanche Peak Steam Electric Station	100528-0	Glen Rose	TX
U.S. Army Ionizing Radiation Dosimetry Center (USAIRDC)	100539-0	Redstone Arsenal	AL
Union Electric Company, Callaway Plant	100502-0	Fulton	MO
United States Dosimetry Technology, Inc.	100571-0	Richland	WA
USAF Armstrong Laboratory/OEBD	100548-0	Brooks AFB	TX
Westinghouse Electric Corporation	100569-1	Spartanburg	SC
Westinghouse Electric Corporation Nuclear Services Div. TLD Lab	100569-0	Madison	PA
Yankee Atomic Electric Company, Environmental Laboratory	100524-0	Bolton	MA

**ENVIRONMENTAL GROUP**

***Asbestos Fiber Analysis (PLM Test Method)***

A & B Environmental Services, Inc.	101793-0	Houston	TX
A.R.C. Laboratories, Inc.	101832-0	Grand Forks	ND
AAC Trinity, Inc.	101168-0	Farmington Hills	MI
ABM Environmental Consultants, Inc.	102015-0	Long Island City	NY
Accredited Environmental Technologies, Inc.	101051-0	Media	PA
ACM Environmental, Inc.	101977-0	South Bend	IN
Advanced Industrial Hygiene Services, Inc.	101006-0	Miami	FL
AET Environmental, Inc.	101610-0	Cherry Hill	NJ
Aetna Life & Casualty	101516-0	Windsor	CT
Affiliated Environmental Services, Inc.	101007-0	Sandusky	OH
AGX, Inc.	101578-0	Cranberry Township	PA
Aires Consulting Services, Inc.	101014-0	Batavia	IL
AIResearch, Inc.	101868-0	Wauwatosa	WI
Airtek Environmental Corp.	102011-0	New York	NY
Allegheny Asbestos Analysis	101704-0	Canonsburg	PA
Allison Analytical Services, Inc.	101330-0	Worthington	OH
Alpine Consulting, Inc.	102089-0	Colorado Springs	CO
AMA Analytical Services, Inc.	101143-0	Lanham	MD



**INDEX B. LISTING BY FIELD OF ACCREDITATION - continued**

<b>LABORATORY NAME</b>	<b>NVLAP LAB CODE</b>	<b>CITY</b>	<b>STATE/ COUNTRY</b>
Ambient Labs, Inc.	101618-0	New York	NY
American Electric Power Service Corporation	102102-0	Columbus	OH
American Medical Laboratories	101136-0	Chantilly	VA
AMS-NATEC Environmental Services, Inc.	101155-0	Garden Grove	CA
Analytica Solutions, Inc.	101086-0	Broomfield	CO
Analytical Environmental Services, Inc.	102033-0	Atlanta	GA
Analytical Industries, Inc.	101855-0	Paducah	KY
Analytical Labs San Francisco, Inc.	101909-0	San Francisco	CA
Analytical Management, Inc.	101224-0	Louisville	KY
Apex Research Laboratory	102118-0	Whitmore Lake	MI
Apollo Environmental, Inc.	101871-0	Gibsonton	FL
Applied Environmental Testing Laboratories, Inc.	101063-0	Atlanta	GA
Applied Environmental, Inc.	101611-0	Reston	VA
ASBESTECH	101442-0	Carmichael	CA
Asbestech Laboratories, Inc.	101988-0	Pompano Beach	FL
Asbestos Analysis and Information Service, Inc.	101261-0	Chapel Hill	NC
Asbestos Analytical	101771-0	Tucson	AZ
Asbestos Consulting & Testing (ACT)	101649-0	Lenexa	KS
Asbestos Control Program Laboratory	101888-0	Corona	NY
Asbestos Detection Co., Inc.	101172-0	Garden Grove	CA
Asbestos TEM Laboratories, Inc.	101891-0	Berkeley	CA
Assaigai Analytical Laboratories, Inc.	101457-0	Albuquerque	NM
ATC Associates Inc.	102071-0	Cincinnati	OH
ATC Environmental, Inc.	101187-0	New York	NY
ATC Environmental, Inc.	102031-0	Denver	CO
ATEC Associates, Inc.	101265-0	Indianapolis	IN
ATEC Associates, Inc.	101265-2	Dallas	TX
ATEC Associates, Inc.	101265-8	Miami	FL
ATEC Associates, Inc.	101265-10	Columbia	MD
ATEC Associates, Inc.	102087-0	Marietta	GA
Athenica Environmental Services, Inc.	101958-0	Long Island City	NY
ATOKA, Inc.	101671-0	Little Rock	AR
Azimuth Laboratories	101050-0	Charleston	SC
Barnes and Jarnis, Inc.	101553-0	Boston	MA
Batta Laboratories, Inc.	101032-0	Newark	DE
Bay Area Air Quality Management District	102090-0	San Francisco	CA
BCM Engineers, Inc./Smith Environmental Technologies Corporation	101374-0	Norristown	PA
Beling Consultants, Inc.	101356-0	Moline	IL
Bell Laboratories, Division Lucent Technologies, Inc.	101965-0	Murray Hill	NJ
Bellatrix Analytical Laboratories, LLC	102110-0	Scottsdale	AZ
Benchmark Engineering Inc.	101018-0	Auburn	AL
Big Rivers Electric Corp.	200028-0	Henderson	KY
Braun Intertec Corporation	101234-0	Minneapolis	MN
CAMCO Lab	101803-0	Fontana	CA
Cape Environmental Management, Inc.	102111-0	Atlanta	GA
Carnow, Conibear & Associates Ltd.	101039-0	Chicago	IL
Carolina Environmental, Inc.	101768-0	Raleigh	NC
Chatfield Technical Consulting Limited	101103-0	Mississauga Ontario	CANADA

**INDEX B. LISTING BY FIELD OF ACCREDITATION - continued**

<b>LABORATORY NAME</b>	<b>NVLAP LAB CODE</b>	<b>CITY</b>	<b>STATE/ COUNTRY</b>
ChemScope, Inc.	101061-0	North Haven	CT
CHEMTEX Environmental Laboratory, Inc.	200025-0	Port Arthur	TX
Chopra-Lee, Inc.	200095-0	Grand Island	NY
City of Austin-Holly Chemistry Lab.	200014-0	Austin	TX
City of Los Angeles Department of Water and Power	101111-0	Los Angeles	CA
Clark County School District	101220-0	Henderson	NV
Clayton Environmental Consultants, Inc.	101106-0	Seattle	WA
Clayton Environmental Consultants, Inc.	101125-0	Kennesaw	GA
ComEd	101749-0	Bolingbrook	IL
Concord Analysis, Inc.	101884-0	Chatsworth	CA
Continental Envirotech, Inc.	200080-0	Mesa	AZ
Converse Consultants MR, Inc.	102091-0	Reno	NV
Covino Environmental Associates, Inc.	101781-0	Woburn	MA
Criterion Laboratories, Inc.	102046-0	Bensalem	PA
CT&E Environmental Services	101074-0	Carlstadt	NJ
CT&E Environmental Services, Inc.	200067-0	San Diego	CA
CTL Environmental Services	101216-0	South Gate	CA
Daily Analytical Laboratories	101322-0	Peoria	IL
Dames & Moore, Inc.	101433-0	Salem	NH
DataChem Laboratories	101917-0	Cincinnati	OH
Davis & Floyd, Inc.	101410-0	Greenwood	SC
DCM Science Laboratory, Inc.	101258-0	Lakewood	CO
Delta Environmental Consultants, Inc.	101966-0	St. Paul	MN
Department of Environmental Health Industrial Hygiene Laboratory	101530-0	San Diego	CA
Design for Health, Inc.	101864-0	San Diego	CA
Detail Associates, Inc.	102100-0	Englewood	NJ
DHMH-Air Quality Laboratory	101523-0	Baltimore	MD
Diversified Environmental Technologies, Inc. (D.E.T.I.)	101621-0	Oklahoma City	OK
Dixon Information Inc.	101012-0	South Salt Lake	UT
DLZ Laboratories, Inc.	101060-0	Columbus	OH
Dolphin Environmental Consultants	102086-0	Stafford	TX
Dove Environmental Corporation	102053-0	Miami Lakes	FL
Eagle Industrial Hygiene Associates, Inc.	101536-0	Horsham	PA
EAI, Inc.	102114-0	Jersey City	NJ
Eastern Analytical Services, Inc.	101646-0	Elmsford	NY
Ecologics Asbestos Laboratory Services	101229-0	Anaheim	CA
ECS/Wagner Environmental	101064-0	Eugene	OR
EEC, Inc.	101088-0	Raleigh	NC
EG&G Environmental Health PLM Laboratory	101759-0	Kennedy Space Center	FL
Electro-Analytical, Inc.	101019-0	Mentor	OH
EMG, Company (Environmental Monitoring Group)	200060-0	Garden Grove	CA
EMS Laboratories, Inc.	101218-0	Pasadena	CA
EMSL Analytical, Inc.	101048-0	Westmont	NJ
EMSL Analytical, Inc.	101048-1	Smyrna	GA
EMSL Analytical, Inc.	101048-2	Piscataway	NJ
EMSL Analytical, Inc.	101048-3	San Mateo	CA
EMSL Analytical, Inc.	101048-4	Ann Arbor	MI

INDEX B. LISTING BY FIELD OF ACCREDITATION - continued

LABORATORY NAME	NVLAP LAB CODE	CITY	STATE/ COUNTRY
EMSL Analytical, Inc.	101048-9	New York	NY
EMSL Analytical, Inc.	101048-10	Carle Place	NY
EMSL Analytical, Inc.	102104-0	Greensboro	NC
EMSL Analytical, Inc.	102106-0	Houston	TX
EMSL Analytical, Inc.	200019-0	Seattle	WA
EMSL Analytical, Inc.	200034-0	Dallas	TX
EMSL Analytical, Inc.	200056-0	Williamsville	NY
ENCORP	200013-0	Culver City	CA
Entek Environmental & Technical Services, Inc.	101455-0	Troy	NY
Enviro Techniques, Inc.	200024-0	Paterson	NJ
Enviro-Probe, Inc.	101222-0	Bronx	NY
EnviroMed Services, Inc.	101514-0	New Haven	CT
Environmental Enterprise Group(EEG), Inc.	101587-0	Russellville	AR
Environmental Hazards Services, Inc.	101882-0	Richmond	VA
Environmental Health Laboratory	101034-0	Cromwell	CT
Environmental Health Laboratory	101116-0	Macon	GA
Environmental Management Consultants, Inc.	101926-0	Phoenix	AZ
Environmental Monitoring & Consulting Associates	101087-0	Somerville	NJ
Environmental Science & Engineering, Inc.	101991-0	Englewood	CO
Environmental Service Group	102029-0	Indianapolis	IN
Environmental Services, Inc.	101306-0	St. Albans	WV
Environmental Support Services, Inc.	101987-0	Richardson	TX
Environmental Testing, Inc.	101848-0	Middletown	DE
EnvironMETeo Services Inc.	101807-0	Waipahu	HI
Envirotest, Inc.	101595-0	Houston	TX
ERI Consulting Engineers, Inc.	101232-0	Tyler	TX
ERT Testing Services	101295-0	Highland Park	MI
EssTek Ohio, Inc.	102093-0	Cleveland	OH
Evans Environmental & Geological Science and Management, Inc.	101775-0	Miami	FL
Fiberquant, Inc.	101031-0	Phoenix	AZ
Fibertec, Inc.	101510-0	Holt	MI
Fluor Daniel Fernald, Inc.	102010-0	Cincinnati	OH
Forensic Analytical Specialties, Inc.	101459-0	Hayward	CA
Forensic Analytical Specialties, Inc.	101459-1	Rancho Domingues	CA
Froehling & Robertson, Inc.	102060-0	Richmond	VA
FRS Geotech, Inc.	102078-0	Denver	CO
Fugro Environmental, Inc.	101148-0	Houston	TX
GA Environmental Services, Inc.	101996-0	Eddystone	PA
Galson Laboratories	101375-0	East Syracuse	NY
GCI Environmental Advisory, Inc.	101820-0	Wilkes-Barre	PA
Gelles Laboratories, Inc.	101170-0	Columbus	OH
Geo-Analytical Services, Inc.	102082-0	Atlanta	GA
GHP Laboratories	102098-0	Nashville	TN
GLE Associates, Inc.	102003-0	Tampa	FL
GPU Nuclear Chemistry/Materials Labs.	102064-0	Reading	PA
GSC Environmental Laboratories, Inc.	101626-0	Augusta	GA
Health & Hygiene, Inc.	101159-0	Greensboro	NC
Health Science Associates	101384-0	Los Alamitos	CA
Henderson/Longfellow Associates, Inc.	102077-0	Brandon	FL

**INDEX B. LISTING BY FIELD OF ACCREDITATION - continued**

<b>LABORATORY NAME</b>	<b>NVLAP LAB CODE</b>	<b>CITY</b>	<b>STATE/ COUNTRY</b>
Hi-Tech Environmental and Laboratory Services	102013-0	Cypress	CA
HIH Laboratory, Inc.	101233-0	Webster	TX
Hillmann Environmental Company	101421-0	Union	NJ
Hub Testing Laboratory, Inc.	101045-0	Waltham	MA
Hygeia Environmental Inc.	102068-0	Dedham	MA
Hygeia Environmental Laboratories, Inc.	102116-0	Sierra Madre	CA
Hygeia ProScience Laboratories, Inc.	101011-0	Woburn	MA
HYGENIX, INC.	101199-0	Stamford	CT
Hygieneering, Inc.	101997-0	Burr Ridge	IL
Hygienetics Laboratory Services	101147-0	Boston	MA
IEA - Massachusetts	101005-0	N. Billerica	MA
Inchape Testing Services NA, Inc.	101468-0	Baton Rouge	LA
Industrial Hygiene & Safety Technology, Inc.	101634-0	Dallas	TX
Industrial Laboratory	102115-0	Portsmouth	VA
Industrial Testing Laboratories, Inc.	101072-0	St. Louis	MO
Institute for Environmental Assessment	101249-0	Brooklyn Park	MN
International Asbestos Testing Laboratory	101165-0	Mt. Laurel	NJ
Iowa Environmental Services, Inc.	101990-0	Des Moines	IA
Jimmie Ann Bolton	101735-0	Austin	TX
JLC Environmental Consultants, Inc.	101953-0	New York	NY
JMS Environmental Associates, Ltd.	102012-0	Westmont	IL
KAM Consultants	102047-0	Long Island City	NY
Kellco Services, Inc.	101331-0	Fremont	CA
KETER Consultants, Inc.	101727-0	Willow Springs	IL
Kevco Services, Inc.	101941-0	Butler	PA
Kingston Environmental Laboratory	200041-0	Lee's Summit	MO
Knoxville Branch Laboratory-TN Dept. Health	101496-0	Knoxville	TN
Labcorp Analytics Laboratory	101004-0	Richmond	VA
Larron Laboratory	101415-0	Cape Girardeau	MO
Law Engineering and Environmental Services, Inc.	101066-0	Birmingham	AL
Law Engineering and Environmental Services, Inc.	101226-0	Charlotte	NC
Law Engineering and Environmental Services, Inc.	101515-0	Tampa	FL
Law Engineering and Environmental Services, Inc.	101515-1	Miami Lakes	FL
Law Engineering and Environmental Services, Inc.	101847-0	Chantilly	VA
Law Engineering and Environmental Services, Inc.	101973-0	Dallas	TX
Law Engineering, Inc.	101152-0	Houston	TX
Law/Crandall	102035-0	Phoenix	AZ
Legend Technical Services, Inc.	102081-0	St. Paul	MN
LEX Scientific Inc.	101949-0	Guelph Ontario	CANADA
Lockheed Martin Utility Services, Inc.	101383-0	Piketon	OH
Loflin Environmental Services	102044-0	Houston	TX
Los Angeles Harbor Department Testing Laboratory	102020-0	Wilmington	CA
Los Angeles Unified School District	101505-0	Los Angeles	CA



**INDEX B. LISTING BY FIELD OF ACCREDITATION - continued**

<b>LABORATORY NAME</b>	<b>NVLAP LAB CODE</b>	<b>CITY</b>	<b>STATE/ COUNTRY</b>
Louisiana Department of Environmental Quality Microanalytical Lab	102000-0	Baton Rouge	LA
m.a.c. Paran Consulting Services, Inc.	102108-0	Amelia	OH
M.S.L. Guardian	101399-0	Louisville	KY
MACS Lab, Inc.	101948-0	Santa Clara	CA
ManTech Environmental Corporation	101277-0	Rockville	MD
Marine Chemist Service, Inc.	101425-0	Newport News	VA
Materials Analytical Services, Inc.	101235-0	Norcross	GA
Maxim Technologies, Inc.	101091-0	Dallas	TX
Maxim Technologies, Inc.	101091-1	Houston	TX
Maxim Technologies, Inc.	101292-0	Billings	MT
Maxim Technologies, Inc.	200046-0	St. Paul	MN
McCall and Spero Environmental, Inc.	101895-0	Louisville	KY
McKee Environmental Health, Inc.	101135-0	Friendswood	TX
MDS Laboratories	101262-0	Reading	PA
Micro Air of Texas, Inc.	102008-0	Houston	TX
Micro Air, Inc.	101221-0	Indianapolis	IN
Micro Analytical Laboratories, Inc.	101151-0	Gainesville	FL
Micro Analytical Laboratories, Inc.	101872-0	Emeryville	CA
Micro Analytical Laboratories, Inc.	200054-0	San Francisco	CA
Micro Analytical, Inc.	101247-0	Milwaukee	WI
Microbac Laboratories, Inc.	101035-0	Erie	PA
Microscopic Analysis, Inc.	101037-0	St. Louis	MO
Midwest Laboratories, Inc.	101894-0	Countryside	IL
Milan Asbestos Laboratory	102095-0	Milan	MN
Mountain Laboratories	101890-0	Spokane	WA
Mountaineer Testing Laboratories, Inc.	101784-0	Lewisburg	WV
MRS., Analytical Laboratory, Inc.	102113-0	Louisville	KY
Muranaka Environmental Consultants, Inc.	102085-0	Honolulu	HI
Mystic Air Quality Consultants, Inc.	101282-0	Groton	CT
National Analytical Laboratories, Inc.	102080-0	Roseville	CA
National Econ Corporation	102062-0	Irvine	CA
National Econ Corporation	200047-0	Memphis	TN
National Enforcement Investigations Center - U.S. EPA	101703-0	Denver	CO
National Environmental Reference Laboratory	101593-0	Denver	CO
National Testing Laboratories, Inc.	101428-0	Long Island City	NY
New York Testing Laboratories, Inc.	101332-0	West Babylon	NY
Niche Analysis, Inc.	102057-0	Mount Vernon	NY
North American Analytical Labs, Inc.	101782-0	Abilene	TX
Northeast Test Consultants	101565-0	Westbrook	ME
Northern Testing Laboratories, Inc.	101463-0	Fairbanks	AK
Northwest Envirocon, Inc.	101869-0	Vancouver	WA
Northwest Envirocon, Inc.	101869-2	Muscle Shoals	AL
NOVA Environmental Services, Inc.	101545-0	Chaska	MN
NVL Laboratories, Inc.	102063-0	Seattle	WA
NY Environmental & Material Testing Laboratories, Inc.	101967-0	Port Washington	NY
O'Brien & Gere Laboratories, Inc.	101343-0	Syracuse	NY
OCCU-TEC, Inc.	102025-0	Kansas City	MO
Occupational Health Conservation, Inc.	102050-0	Jacksonville	FL



**INDEX B. LISTING BY FIELD OF ACCREDITATION - continued**

<b>LABORATORY NAME</b>	<b>NVLAP LAB CODE</b>	<b>CITY</b>	<b>STATE/ COUNTRY</b>
Occupational Health Technologies, Inc.	101436-0	Colorado Springs	CO
Oklahoma Dept. of Environmental Quality-State Environmental Lab	102112-0	Oklahoma City	OK
Omega Environmental Services	101289-0	Hackensack	NJ
Omni Environmental, Inc.	102061-0	Austin	TX
PA DEP Bureau of Laboratories	101323-0	Harrisburg	PA
Pacific Environmental Services, Inc.	101190-0	Herndon	VA
PBS Environmental Building Consultants, Inc.	101910-0	Portland	OR
PDR Environmental Laboratories	101479-0	Nashville	TN
PHH Environmental Limited	101675-0	Richmond, British Columbia	CANADA
Philip Environmental Services Corp.	101192-0	Columbia	IL
Pinchin Environmental Consultants Ltd.	101270-0	Mississauga Ontario	CANADA
Pinchin LeBlanc Environmental Ltd.	101270-1	Dartmouth N.S.	CANADA
PMK Group, Inc.	101301-0	Kenilworth	NJ
Precision Environmental Services, Inc.	101631-0	Tukwila	WA
Precision Micro-Analysis, Inc.	101656-0	Sacramento	CA
Precision Testing Laboratories, Inc.	101580-0	Moore	OK
Prezant Associates, Inc.	101886-0	Seattle	WA
Pro-Ac, Inc.	101585-0	Cincinnati	OH
Professional Service Industries, Inc.	101342-0	Lawrence	KS
ProScience Analytical Services, Inc.	200090-0	Woburn	MA
PSI	101350-0	Pittsburgh	PA
PSI	101755-0	New York	NY
PSI	101970-0	Brea	CA
PSI, Inc.	101070-0	Farmingdale	NY
Puget Sound Naval Shipyard	101539-0	Bremerton	WA
QuanTEM Laboratories, LLC	101959-0	Oklahoma City	OK
Quest Industrial Inc.	101062-0	Youngstown	OH
R. Robinson Analytical Services, Inc.	102041-0	Pensacola	FL
Rapid Environmental Management, Inc.	101974-0	Great Neck	NY
RCM Laboratories, Inc.	101853-0	Brookfield	IL
Recon Environmental Corp.	102079-0	Weymouth	MA
Reservoirs Environmental Services, Inc.	101896-0	Denver	CO
Reservoirs Environmental Services, Inc.	101896-1	Houston	TX
RI Analytical Laboratories, Inc.	101440-0	Warwick	RI
Riverside County Department of Environmental Health	101145-0	Riverside	CA
RJ Lee Group, Inc.	101208-0	Monroeville	PA
RJ Lee Group, Inc.	101208-2	San Leandro	CA
RJ Lee Group, Inc.	101208-3	Manassas	VA
RJ Lee Group, Inc.	101208-5	Houston	TX
Roy F. Weston, Inc.	101254-0	Auburn	AL
Rust Federal Services of Hanford, Inc.	101058-0	Richland	WA
S&ME, Inc.	102075-0	Charlotte	NC
Safe Environment of America	102021-0	Kent	WA
Safety Environmental Laboratories, Inc.	101588-0	Birmingham	AL
San Joaquin Environmental, Inc.	102117-0	Fresno	CA
Schneider Laboratories, Inc.	101150-0	Richmond	VA
Scientific Laboratories, Inc.	101904-0	Richmond	VA
Scientific Laboratories, Inc.	101904-1	New York	NY
Scope Laboratory	102107-0	Los Angeles	CA

**INDEX B. LISTING BY FIELD OF ACCREDITATION - continued**

<b>LABORATORY NAME</b>	<b>NVLAP LAB CODE</b>	<b>CITY</b>	<b>STATE/ COUNTRY</b>
SEAS, Inc.	101185-0	Blacksburg	VA
Solar Environmental Services, Inc.	102006-0	Anchorage	AK
South Carolina Department of Health & Environmental Control	101572-0	Columbia	SC
South Coast Air Quality Management District	101567-0	Diamond Bar	CA
SSM/Laboratories, Inc.	101112-0	Reading	PA
St. Louis County Department of Health	101506-0	Clayton	MO
Standard Testing and Engineering Company	101053-0	Oklahoma City	OK
Stanley Engineering Inc.	101568-0	Oklahoma City	OK
STAT Analysis Corporation	101202-0	Chicago	IL
State of Connecticut	101237-0	Hartford	CT
Steve Moody Micro Services, Inc.	102056-0	Carrollton	TX
Sun City Analytical, Inc.	101870-0	El Paso	TX
TAKA Analytical Services, Inc.	101724-0	Northport	NY
Taylor Environmental Group, Inc.	102101-0	Floral Park	NY
TC Analytics, Inc.	101672-0	Norfolk	VA
Technical Services Laboratory	101558-0	Long Island City	NY
TEM, Incorporated	101130-0	Glen Ellyn	IL
Terra-Mar, Inc.	101940-0	Fort Worth	TX
TerraNext	101162-0	Dallas	TX
Testing Mechanics Corp.	102001-0	Seaford	NY
Testwell Craig Laboratories & Consultants, Inc.	102096-0	Davie	FL
Testwell Craig Laboratories, Inc.	200083-0	Ossining	NY
Testwell Craig Testing Laboratories, Inc.	200083-1	Mays Landing	NJ
The Scott Lawson Group, Ltd.	101228-0	Concord	NH
ToITest, Inc.	101594-0	Toledo	OH
TRC Environmental Corporation	101424-0	Windsor	CT
Tremco, Inc./BFGoodrich - Roofing Division	101188-0	Beachwood	OH
Triad, Inc.	102073-0	Huntington	WV
Twin Ports Testing, Inc.	102083-0	Superior	WI
U.S. Army Center for Health Promotion and Preventive Medicine	200044-0	Aberdeen Proving Ground	MD
United Analytical Services, Inc.	101732-0	Hillside	IL
University (State) Hygienic Laboratory	101288-0	Iowa City	IA
University of Alabama Asbestos Laboratory	102005-0	Tuscaloosa	AL
Versar, Inc.	101122-0	Springfield	VA
Volz Environmental Services, Inc.	101269-0	Pittsburgh	PA
Vortex Inc./DBA V-Lab	102105-0	Warwick	RI
Water, Earth Solutions & Technologies, Inc.	102043-0	Dallas	TX
Wausau Insurance Companies	101079-0	Wausau	WI
West Allis Memorial Hospital	101661-0	West Allis	WI
Western Analytical Laboratory	200037-0	Burbank	CA
White Environmental Consultants Inc.	200124-0	Anchorage	AK
Williams & Associates, Inc.	102027-0	Memphis	TN
Wisconsin Occupational Health Laboratory	101109-0	Madison	WI
WKP Laboratories, Inc.	101950-0	Ossining	NY
WMI Environmental Services	102065-0	Kalamazoo	MI

INDEX B. LISTING BY FIELD OF ACCREDITATION - continued

LABORATORY NAME	NVLAP LAB CODE	CITY	STATE/ COUNTRY
<b><i>Asbestos Fiber Analysis (TEM Test Method)</i></b>			
Aires Consulting Services, Inc.	101014-0	Batavia	IL
AMA Analytical Services, Inc.	101143-0	Lanham	MD
Analytica Solutions, Inc.	101086-0	Broomfield	CO
Asbestos TEM Laboratories, Inc.	101891-0	Berkeley	CA
ATC Environmental, Inc.	101187-0	New York	NY
ATEC Associates, Inc.	101265-0	Indianapolis	IN
ATEC Associates, Inc.	101265-8	Miami	FL
Batta Laboratories, Inc.	101032-0	Newark	DE
Braun Intertec Corporation	101234-0	Minneapolis	MN
Carnow, Conibear & Associates Ltd.	101039-0	Chicago	IL
Clayton Environmental Consultants, Inc.	101125-0	Kennesaw	GA
Concord Analysis, Inc.	101884-0	Chatsworth	CA
CTL Environmental Services	101216-0	South Gate	CA
DataChem Laboratories	101917-0	Cincinnati	OH
E. M. Analytical, Inc.	101902-0	Dania	FL
Eastern Analytical Services, Inc.	101646-0	Elmsford	NY
EMS Laboratories, Inc.	101218-0	Pasadena	CA
EMSL Analytical, Inc.	101048-0	Westmont	NJ
EMSL Analytical, Inc.	101048-1	Smyrna	GA
EMSL Analytical, Inc.	101048-2	Piscataway	NJ
EMSL Analytical, Inc.	101048-3	San Mateo	CA
EMSL Analytical, Inc.	101048-4	Ann Arbor	MI
EMSL Analytical, Inc.	101048-9	New York	NY
EMSL Analytical, Inc.	101048-10	Carle Place	NY
EMSL Analytical, Inc.	102104-0	Greensboro	NC
EMSL Analytical, Inc.	102106-0	Houston	TX
EMSL Analytical, Inc.	200019-0	Seattle	WA
EMSL Analytical, Inc.	200034-0	Dallas	TX
EMSL Analytical, Inc.	200056-0	Williamsville	NY
Environmental Enterprise Group(EEG), Inc.	101587-0	Russellville	AR
Environmental Testing Laboratories, Inc.	101937-0	Farmingdale	NY
ERI Consulting Engineers, Inc.	101232-0	Tyler	TX
Evans Environmental & Geological Science and Management, Inc.	101775-0	Miami	FL
Fiberquant, Inc.	101031-0	Phoenix	AZ
Forensic Analytical Specialties, Inc.	101459-0	Hayward	CA
GCI Environmental Advisory, Inc.	101820-0	Wilkes-Barre	PA
Gelles Laboratories, Inc.	101170-0	Columbus	OH
Geo-Analytical Services, Inc.	102082-0	Atlanta	GA
Hygeia Environmental Laboratories, Inc.	102116-0	Sierra Madre	CA
Hygeia ProScience Laboratories, Inc.	101011-0	Woburn	MA
Hygienetics Laboratory Services	101147-0	Boston	MA
IEA - Massachusetts	101005-0	N. Billerica	MA
Industrial Testing Laboratories, Inc.	101072-0	St. Louis	MO
Institute for Environmental Assessment	101249-0	Brooklyn Park	MN
International Asbestos Testing Laboratory	101165-0	Mt. Laurel	NJ
KAM Consultants	102047-0	Long Island City	NY
Lab/Cor, Inc.	101920-0	Seattle	WA
Los Angeles Unified School District	101505-0	Los Angeles	CA
MACS Lab, Inc.	101948-0	Santa Clara	CA

**INDEX B. LISTING BY FIELD OF ACCREDITATION - continued**

<b>LABORATORY NAME</b>	<b>NVLAP LAB CODE</b>	<b>CITY</b>	<b>STATE/ COUNTRY</b>
ManTech Environmental Corporation	101277-0	Rockville	MD
Materials Analytical Services, Inc.	101235-0	Norcross	GA
Maxim Technologies, Inc.	101091-0	Dallas	TX
McCall and Spero Environmental, Inc.	101895-0	Louisville	KY
MDS Laboratories	101262-0	Reading	PA
Micro Analytical Laboratories, Inc.	101151-0	Gainesville	FL
Micro Analytical Laboratories, Inc.	101872-0	Emeryville	CA
Midwest Laboratories, Inc.	101894-0	Countryside	IL
New York Testing Laboratories, Inc.	101332-0	West Babylon	NY
O'Brien & Gere Laboratories, Inc.	101343-0	Syracuse	NY
ProScience Analytical Services, Inc.	200090-0	Woburn	MA
PSI	101350-0	Pittsburgh	PA
QuanTEM Laboratories, LLC	101959-0	Oklahoma City	OK
Reservoirs Environmental Services, Inc.	101896-0	Denver	CO
Reservoirs Environmental Services, Inc.	101896-1	Houston	TX
RJ Lee Group, Inc.	101208-0	Monroeville	PA
RJ Lee Group, Inc.	101208-2	San Leandro	CA
RJ Lee Group, Inc.	101208-3	Manassas	VA
RJ Lee Group, Inc.	101208-5	Houston	TX
Scientific Laboratories, Inc.	101904-0	Richmond	VA
Scientific Laboratories, Inc.	101904-1	New York	NY
Stanley Engineering Inc.	101568-0	Oklahoma City	OK
STAT Analysis Corporation	101202-0	Chicago	IL
TEM, Incorporated	101130-0	Glen Ellyn	IL
Testwell Craig Laboratories, Inc.	200083-0	Ossining	NY
University (State) Hygienic Laboratory	101288-0	Iowa City	IA

**PRODUCT TESTING GROUP**

*Acoustical Testing Services*

Acoustic Systems Acoustical Research Facility	100286-0	Austin	TX
Aearo Company, E·A·RCAL Acoustical Laboratory	100374-0	Indianapolis	IN
Armstrong Acoustic Labs, Armstrong World Ind., Inc. Innov. Center	100228-0	Lancaster	PA
Auditory Systems Laboratory - Virginia Tech	100352-0	Blacksburg	VA
Center For Applied Engineering, Inc.	100417-0	St. Petersburg	FL
Hufcor Laboratory	100239-0	Janesville	WI
IBM Hudson Valley Acoustics Laboratory	100323-0	Poughkeepsie	NY
Industrial Acoustics Company, Inc., Aero-Acoustics Laboratory	100404-0	Bronx	NY
Maxim Technologies, Inc.	200046-0	St. Paul	MN
Michael & Associates	100427-0	State College	PA
Riverbank Acoustical Laboratories	100227-0	Geneva	IL
Schuller International, Inc., Mountain Technical Center	100425-0	Littleton	CO
Vibro-Acoustics Laboratory	100424-0	Scarborough Ontario	CANADA
Western Electro-Acoustic Lab., Inc.	100256-0	Santa Monica	CA



**INDEX B. LISTING BY FIELD OF ACCREDITATION - continued**

<b>LABORATORY NAME</b>	<b>NVLAP LAB CODE</b>	<b>CITY</b>	<b>STATE/ COUNTRY</b>
<b><i>Carpet and Carpet Cushion</i></b>			
American Carpet Laboratories, Inc.	100139-0	Ringgold	GA
Bentley Testing Laboratory	100288-0	City of Industry	CA
Commercial Testing Company	100120-0	Dalton	GA
Coronet Industries, Inc.	100190-0	Dalton	GA
E. I. du Pont Co.	100334-0	Dalton	GA
Hollytex Carpet Mills, Inc.	100247-0	Anadarko	OK
Independent Textile Testing Service, Inc.	100166-0	Dalton	GA
Mohawk Industries, Inc., Karastan Rug Mill Testing	100178-0	Eden	NC
Mohawk Industries, Inc.- Lyerly Plant	100156-0	Lyerly	GA
Professional Testing Laboratory, Inc.	100297-0	Dalton	GA
Queen Carpet Test Laboratory	100429-0	Dalton	GA
Shaw Industries, Inc., Technical Services	100193-0	Dalton	GA
TSI, Testing Services, Inc.	100108-0	Dalton	GA
Vartest Laboratories, Inc.	200027-0	New York	NY
World Carpets, Inc.	100197-0	Dalton	GA
<b><i>Commercial Products Testing</i></b>			
Canadian Standards Association	100322-0	Etobicoke Ontario	CANADA
Center For Applied Engineering, Inc.	100417-0	St. Petersburg	FL
D/L Laboratories	100252-0	New York	NY
Dodge-Regupol, Inc. Laboratory	200030-0	Lancaster	PA
MacMillan Bloedel Packaging, Inc., Combined Board Test Lab	100259-0	Pine Hill	AL
SGS U.S. Testing Company, Inc.	100416-0	Tulsa	OK
Willamette Industries, Inc. West Coast Development Lab	200045-0	Wilsonville	OR
<b><i>Construction Materials Testing</i></b>			
American Testing Laboratories, Inc.	100146-0	Lancaster	PA
City of San Jose, Materials Testing Laboratory	100325-0	San Jose	CA
Eastern Materials Testing Laboratory	100315-0	New Britain	CT
Fairfield Testing Laboratory, Inc.	100317-0	Stamford	CT
Fairway Testing Company, Inc.	100340-0	Stony Point	NY
H.C. Nutting Company	100131-0	Cincinnati	OH
Independent Materials Testing Laboratories, Inc.	100316-0	Plainville	CT
Inland Foundation Engineering, Inc.	100406-0	San Jacinto	CA
Materials Testing, Inc.	100320-0	Milford	CT
PSI	100319-0	New Haven	CT
Special Testing Laboratories, Inc.	100308-0	Bethel	CT
STS Consultants, Ltd.	100191-0	Northbrook	IL
Test-Con Incorporated	200018-0	Danbury	CT
Testwell Craig Laboratories, Inc.	200083-0	Ossining	NY
Tri-State Materials Testing Lab, Inc.	200010-0	Newington	CT
Vanasse Hangen Brustlin, Inc.	100400-0	Watertown	MA
Washington Metropolitan Area Transit Authority QLAS Laboratory	100313-0	Washington	DC



INDEX B. LISTING BY FIELD OF ACCREDITATION - continued

LABORATORY NAME	NVLAP LAB CODE	CITY	STATE/ COUNTRY
<b><i>Efficiency of Electric Motors</i></b>			
Alternative Energy Corporation, Industrial Electrotechnology Lab.	200081-0	Raleigh	NC
<b><i>Energy Efficient Lighting Products</i></b>			
Cooper Lighting - Metalux Research Laboratories	200050-0	Americus	GA
GE Lighting- Technical Support	100398-0	Cleveland	OH
Hubbell Lighting Photometric Laboratory	200020-0	Christiansburg	VA
Inchcape Testing Services NA, Inc.	100402-0	Cortland	NY
Lithonia Testing Laboratories	200007-0	Conyers	GA
Osram Sylvania Inc., Test & Measurements Laboratory	100403-0	Beverly	MA
Philips Lighting Corporate Calibration & Standards Laboratory	100399-0	Fairmont	WV
Thomas Lighting C & I Division, Photometric Laboratory	200016-0	Tupelo	MS
<b><i>Thermal Insulation Materials</i></b>			
Amoco Foam Products Quality Management Laboratory	100284-0	Smyrna	GA
Center For Applied Engineering, Inc.	100417-0	St. Petersburg	FL
Dow Chemical N. America Foam Products Research, Prod. Perf. Lab.	100103-0	Granville	OH
Geoscience Ltd.	100142-0	San Diego	CA
Holometrix, Inc.	100113-0	Bedford	MA
Inchcape Testing Services NA, Inc.	100402-0	Cortland	NY
Inchcape Testing Services NA, Inc.	200031-0	Middleton	WI
Insta-Foam Products, Inc.	100210-0	Joliet	IL
Knauf Fiber Glass Research Laboratory	100248-0	Shelbyville	IN
Leveque Technical Center	100101-0	Blue Bell	PA
Maxim Technologies, Inc.	200046-0	St. Paul	MN
NAHB Research Center, Inc.	100104-0	Upper Marlboro	MD
Owens Corning - Granville	100109-0	Granville	OH
Resources, Applications, Designs & Control, Inc. (RADCO)	100261-0	Long Beach	CA
Schuller International, Inc., Mountain Technical Center	100425-0	Littleton	CO
SGS U.S. Testing Company, Inc.	100416-0	Tulsa	OK
St. of California, Bur. of Home Furnishings & Thermal Insulation	100251-0	North Highlands	CA
Underwriters Laboratories Inc.	100414-0	Northbrook	IL
<b><i>Wood Based Products</i></b>			
APA - The Engineered Wood Association Research Center	100423-0	Tacoma	WA
National Particleboard Association	100418-0	Gaithersburg	MD
PFS Corporation	100421-0	Madison	WI
Professional Service Industries, Inc., Pittsburgh Test. Lab. Div.	100430-0	Eugene	OR
Timberco, Inc.- dba TECO	100420-0	Eugene	OR

**INDEX**

**C**

**LISTING BY  
STATE/  
COUNTRY**



**INDEX C. LISTING BY STATE/COUNTRY**

<b>LABORATORY NAME</b>	<b>NVLAP LAB CODE</b>	<b>CITY</b>	<b>STATE/ COUNTRY</b>	<b>FIELD</b>
<b>AK</b>				
Northern Testing Laboratories, Inc.	101463-0	Fairbanks	AK	PLM
Solar Environmental Services, Inc.	102006-0	Anchorage	AK	PLM
White Environmental Consultants Inc.	200124-0	Anchorage	AK	PLM
<b>AL</b>				
Benchmark Engineering Inc.	101018-0	Auburn	AL	PLM
Law Engineering and Environmental Services, Inc.	101066-0	Birmingham	AL	PLM
MacMillan Bloedel Packaging, Inc., Combined Board Test Lab	100259-0	Pine Hill	AL	Commercial
Northwest Envirocon, Inc.	101869-2	Muscle Shoals	AL	PLM
Roy F. Weston, Inc.	101254-0	Auburn	AL	PLM
Safety Environmental Laboratories, Inc.	101588-0	Birmingham	AL	PLM
Tennessee Valley Authority, Western Area Radiological Laboratory	200022-0	Muscle Shoals	AL	Dosimetry
U.S. Army Ionizing Radiation Dosimetry Center (USAIRDC)	100539-0	Redstone Arsenal	AL	Dosimetry
U.S. Army Primary Standards Laboratory	105004-0	Redstone Arsenal	AL	Calibration
University of Alabama Asbestos Laboratory	102005-0	Tuscaloosa	AL	PLM
<b>AR</b>				
ATOKA, Inc.	101671-0	Little Rock	AR	PLM
Entergy Operations, Inc. - Arkansas Nuclear One	100535-0	Russellville	AR	Dosimetry
Environmental Enterprise Group(EEG), Inc.	101587-0	Russellville	AR	PLM
Environmental Enterprise Group(EEG), Inc.	101587-0	Russellville	AR	TEM
<b>AZ</b>				
Arizona Public Service Co., Palo Verde Nuclear Generating Station	100536-0	Tonopah	AZ	Dosimetry
Asbestos Analytical	101771-0	Tucson	AZ	PLM
Bellatrix Analytical Laboratories, LLC	102110-0	Scottsdale	AZ	PLM
Continental Envirotech, Inc.	200080-0	Mesa	AZ	PLM
Environmental Management Consultants, Inc.	101926-0	Phoenix	AZ	PLM
Fiberquant, Inc.	101031-0	Phoenix	AZ	PLM
Fiberquant, Inc.	101031-0	Phoenix	AZ	TEM
Law/Crandall	102035-0	Phoenix	AZ	PLM
Motorola SSTG EMC/TEMPEST Laboratory	100405-0	Scottsdale	AZ	FCC
Motorola SSTG EMC/TEMPEST Laboratory	100405-0	Scottsdale	AZ	MIL-STD-462
Open Systems Environment Testing Laboratory	100385-0	Ft. Huachuca	AZ	GOSIP
<b>CA</b>				
AMS-NATEC Environmental Services, Inc.	101155-0	Garden Grove	CA	PLM
Analytical Labs San Francisco, Inc.	101909-0	San Francisco	CA	PLM
Apple Computer, Inc., EMC Compliance Laboratory	200071-0	Cupertino	CA	FCC
ASBESTECH	101442-0	Carmichael	CA	PLM
Asbestos Detection Co., Inc.	101172-0	Garden Grove	CA	PLM
Asbestos TEM Laboratories, Inc.	101891-0	Berkeley	CA	PLM
Asbestos TEM Laboratories, Inc.	101891-0	Berkeley	CA	TEM

INDEX C. LISTING BY STATE/COUNTRY - continued

LABORATORY NAME	NVLAP LAB CODE	CITY	STATE/ COUNTRY	FIELD
Bay Area Air Quality Management District	102090-0	San Francisco	CA	PLM
Bentley Testing Laboratory	100288-0	City of Industry	CA	Carpet
CAMCO Lab	101803-0	Fontana	CA	PLM
City of Los Angeles Department of Water and Power	101111-0	Los Angeles	CA	PLM
City of San Jose, Materials Testing Laboratory	100325-0	San Jose	CA	Construction
Compatible Electronics, Inc.	200063-0	Brea	CA	FCC
Compliance Eng. Svces, Inc., Compliance Consulting Services	200065-0	Sunnyvale	CA	FCC
Concord Analysis, Inc.	101884-0	Chatsworth	CA	PLM
Concord Analysis, Inc.	101884-0	Chatsworth	CA	TEM
CT&E Environmental Services, Inc.	200067-0	San Diego	CA	PLM
CTL Environmental Services	101216-0	South Gate	CA	PLM
CTL Environmental Services	101216-0	South Gate	CA	TEM
Department of Environmental Health Industrial Hygiene Laboratory	101530-0	San Diego	CA	PLM
Design for Health, Inc.	101864-0	San Diego	CA	PLM
Ecologics Asbestos Laboratory Services	101229-0	Anaheim	CA	PLM
Elliott Laboratories, Inc.	200069-0	Sunnyvale	CA	FCC
EMC Compliance Mgmt Group, dba Turntech Scientific & Instr., Inc.	200068-0	Mountain View	CA	FCC
EMG, Company (Environmental Monitoring Group)	200060-0	Garden Grove	CA	PLM
EMS Laboratories, Inc.	101218-0	Pasadena	CA	PLM
EMS Laboratories, Inc.	101218-0	Pasadena	CA	TEM
EMSL Analytical, Inc.	101048-3	San Mateo	CA	PLM
EMSL Analytical, Inc.	101048-3	San Mateo	CA	TEM
ENCORP	200013-0	Culver City	CA	PLM
Forensic Analytical Specialties, Inc.	101459-0	Hayward	CA	PLM
Forensic Analytical Specialties, Inc.	101459-0	Hayward	CA	TEM
Forensic Analytical Specialties, Inc.	101459-1	Rancho Domingues	CA	PLM
Geoscience Ltd.	100142-0	San Diego	CA	Thermal Insl.
Health Science Associates	101384-0	Los Alamitos	CA	PLM
Hi-Tech Environmental and Laboratory Services	102013-0	Cypress	CA	PLM
Hygeia Environmental Laboratories, Inc.	102116-0	Sierra Madre	CA	PLM
Hygeia Environmental Laboratories, Inc.	102116-0	Sierra Madre	CA	TEM
ICN Dosimetry Div., ICN Pharmaceuticals, Inc.	100555-0	Costa Mesa	CA	Dosimetry
ICN Dosimetry Services, H.E. Division	100532-0	Costa Mesa	CA	Dosimetry
InfoGard Laboratories	100432-0	San Luis Obispo	CA	Cryptographic
Inland Foundation Engineering, Inc.	100406-0	San Jacinto	CA	Construction
Kellco Services, Inc.	101331-0	Fremont	CA	PLM
Lockheed Martin Missiles & Space	105017-0	Sunnyvale	CA	Calibration
Los Angeles Harbor Department Testing Laboratory	102020-0	Wilmington	CA	PLM
Los Angeles Unified School District	101505-0	Los Angeles	CA	PLM
Los Angeles Unified School District	101505-0	Los Angeles	CA	TEM
MACS Lab, Inc.	101948-0	Santa Clara	CA	PLM
MACS Lab, Inc.	101948-0	Santa Clara	CA	TEM
Micro Analytical Laboratories, Inc.	101872-0	Emeryville	CA	PLM



**INDEX C. LISTING BY STATE/COUNTRY - continued**

<b>LABORATORY NAME</b>	<b>NVLAP LAB CODE</b>	<b>CITY</b>	<b>STATE/ COUNTRY</b>	<b>FIELD</b>
Micro Analytical Laboratories, Inc.	101872-0	Emeryville	CA	TEM
Micro Analytical Laboratories, Inc.	200054-0	San Francisco	CA	PLM
Mindcraft, Inc.	100342-0	Palo Alto	CA	POSIX
National Analytical Laboratories, Inc.	102080-0	Roseville	CA	PLM
National Econ Corporation	102062-0	Irvine	CA	PLM
Northern Telecom Inc. (MCS)	100411-0	Santa Clara	CA	FCC
Pacific Gas & Electric Company, Diablo Canyon Nuclear Power Plant	100537-0	Avila Beach	CA	Dosimetry
PDE Laboratories	200082-0	San Clemente	CA	FCC
Perennial, Inc.	100344-0	Santa Clara	CA	POSIX
Precision Micro-Analysis, Inc.	101656-0	Sacramento	CA	PLM
PSI	101970-0	Brea	CA	PLM
Radiation Detection Company	100512-0	Sunnyvale	CA	Dosimetry
Resources, Applications, Designs & Control, Inc. (RADCO)	100261-0	Long Beach	CA	Thermal Insl.
Riverside County Department of Environmental Health	101145-0	Riverside	CA	PLM
RJ Lee Group, Inc.	101208-2	San Leandro	CA	PLM
RJ Lee Group, Inc.	101208-2	San Leandro	CA	TEM
San Joaquin Environmental, Inc.	102117-0	Fresno	CA	PLM
Scope Laboratory	102107-0	Los Angeles	CA	PLM
South Coast Air Quality Management District	101567-0	Diamond Bar	CA	PLM
Southern California Edison	100506-0	San Clemente	CA	Dosimetry
Southern California Edison Company	105014-0	Westminster	CA	Calibration
St. of California, Bur. of Home Furnishings & Thermal Insulation	100251-0	North Highlands	CA	Thermal Insl.
TUV Product Service, Inc.	100268-0	San Diego	CA	FCC
TUV Product Service, Inc.	100268-0	San Diego	CA	MIL-STD-462
Western Analytical Laboratory	200037-0	Burbank	CA	PLM
Western Electro-Acoustic Lab., Inc.	100256-0	Santa Monica	CA	Acoustics
<b>CO</b>				
Alpine Consulting, Inc.	102089-0	Colorado Springs	CO	PLM
Analytica Solutions, Inc.	101086-0	Broomfield	CO	PLM
Analytica Solutions, Inc.	101086-0	Broomfield	CO	TEM
ATC Environmental, Inc.	102031-0	Denver	CO	PLM
DCM Science Laboratory, Inc.	101258-0	Lakewood	CO	PLM
Digital Equipment Corp., EMC Test Facility	200078-0	Colorado Springs	CO	FCC
Environmental Science & Engineering, Inc.	101991-0	Englewood	CO	PLM
FRS Geotech, Inc.	102078-0	Denver	CO	PLM
Intellistor Open Area Test Site	100396-0	Rollinsville	CO	FCC
National Enforcement Investigations Center - U.S. EPA	101703-0	Denver	CO	PLM
National Environmental Reference Laboratory	101593-0	Denver	CO	PLM
Occupational Health Technologies, Inc.	101436-0	Colorado Springs	CO	PLM
Reservoirs Environmental Services, Inc.	101896-0	Denver	CO	PLM
Reservoirs Environmental Services, Inc.	101896-0	Denver	CO	TEM
Schuller International, Inc., Mountain Technical Center	100425-0	Littleton	CO	Acoustics
Schuller International, Inc., Mountain Technical Center	100425-0	Littleton	CO	Thermal Insl.

**INDEX C. LISTING BY STATE/COUNTRY - continued**

<b>LABORATORY NAME</b>	<b>NVLAP LAB CODE</b>	<b>CITY</b>	<b>STATE/ COUNTRY</b>	<b>FIELD</b>
TUV Product Service, Inc.	100271-1	Lyons	CO	FCC
<b>CT</b>				
Aetna Life & Casualty	101516-0	Windsor	CT	PLM
ChemScope, Inc.	101061-0	North Haven	CT	PLM
Combustion Engineering, Inc.	100563-0	Windsor	CT	Dosimetry
Eastern Materials Testing Laboratory	100315-0	New Britain	CT	Construction
Electric Boat Corp/A General Dynamics Co.	100560-0	Groton	CT	Dosimetry
Radiological Ctrl. Dept				
EnviroMed Services, Inc.	101514-0	New Haven	CT	PLM
Environmental Health Laboratory	101034-0	Cromwell	CT	PLM
Fairfield Testing Laboratory, Inc.	100317-0	Stamford	CT	Construction
HYGENIX, INC.	101199-0	Stamford	CT	PLM
Independent Materials Testing Laboratories, Inc.	100316-0	Plainville	CT	Construction
Materials Testing, Inc.	100320-0	Milford	CT	Construction
Mystic Air Quality Consultants, Inc.	101282-0	Groton	CT	PLM
Northeast Utilities Service Company Dosimetry Laboratory	100540-0	Newington	CT	Dosimetry
PSI	100319-0	New Haven	CT	Construction
Special Testing Laboratories, Inc.	100308-0	Bethel	CT	Construction
State of Connecticut	101237-0	Hartford	CT	PLM
Test-Con Incorporated	200018-0	Danbury	CT	Construction
TRC Environmental Corporation	101424-0	Windsor	CT	PLM
Tri-State Materials Testing Lab, Inc.	200010-0	Newington	CT	Construction
<b>DC</b>				
Washington Metropolitan Area Transit Authority QLAS Laboratory	100313-0	Washington	DC	Construction
<b>DE</b>				
Batta Laboratories, Inc.	101032-0	Newark	DE	PLM
Batta Laboratories, Inc.	101032-0	Newark	DE	TEM
Environmental Testing, Inc.	101848-0	Middletown	DE	PLM
<b>FL</b>				
Advanced Industrial Hygiene Services, Inc.	101006-0	Miami	FL	PLM
Apollo Environmental, Inc.	101871-0	Gibsonton	FL	PLM
Asbestech Laboratories, Inc.	101988-0	Pompano Beach	FL	PLM
ATEC Associates, Inc.	101265-8	Miami	FL	PLM
ATEC Associates, Inc.	101265-8	Miami	FL	TEM
Center For Applied Engineering, Inc.	100417-0	St. Petersburg	FL	Acoustics
Center For Applied Engineering, Inc.	100417-0	St. Petersburg	FL	Commercial
Center For Applied Engineering, Inc.	100417-0	St. Petersburg	FL	Thermal Insl.
Dove Environmental Corporation	102053-0	Miami Lakes	FL	PLM
E. M. Analytical, Inc.	101902-0	Dania	FL	TEM
EG&G Environmental Health Laboratory	101759-0	Kennedy Space Center	FL	PLM
Evans Environmental & Geological Science and Management, Inc.	101775-0	Miami	FL	PLM
Evans Environmental & Geological Science and Management, Inc.	101775-0	Miami	FL	TEM
Florida Power & Light Company	100544-0	Juno Beach	FL	Dosimetry

INDEX C. LISTING BY STATE/COUNTRY - continued

LABORATORY NAME	NVLAP LAB CODE	CITY	STATE/ COUNTRY	FIELD
GLE Associates, Inc.	102003-0	Tampa	FL	PLM
Henderson/Longfellow Associates, Inc.	102077-0	Brandon	FL	PLM
Law Engineering and Environmental Services, Inc.	101515-0	Tampa	FL	PLM
Law Engineering and Environmental Services, Inc.	101515-1	Miami Lakes	FL	PLM
Micro Analytical Laboratories, Inc.	101151-0	Gainesville	FL	PLM
Micro Analytical Laboratories, Inc.	101151-0	Gainesville	FL	TEM
Occupational Health Conservation, Inc.	102050-0	Jacksonville	FL	PLM
PRIMES (Preflight Integration of Munitions & Electronic Systems)	100422-0	Eglin Air Force Base	FL	MIL-STD-462
R. Robinson Analytical Services, Inc.	102041-0	Pensacola	FL	PLM
Testwell Craig Laboratories & Consultants, Inc.	102096-0	Davie	FL	PLM
<b>GA</b>				
American Carpet Laboratories, Inc.	100139-0	Ringgold	GA	Carpet
Amoco Foam Products Quality Management Laboratory	100284-0	Smyrna	GA	Thermal Insl.
Analytical Environmental Services, Inc.	102033-0	Atlanta	GA	PLM
Applied Environmental Testing Laboratories, Inc.	101063-0	Atlanta	GA	PLM
ATEC Associates, Inc.	102087-0	Marietta	GA	PLM
Cape Environmental Management, Inc.	102111-0	Atlanta	GA	PLM
Clayton Environmental Consultants, Inc.	101125-0	Kennesaw	GA	PLM
Clayton Environmental Consultants, Inc.	101125-0	Kennesaw	GA	TEM
Commercial Testing Company	100120-0	Dalton	GA	Carpet
Cooper Lighting - Metalux Research Laboratories	200050-0	Americus	GA	Lighting
Coronet Industries, Inc.	100190-0	Dalton	GA	Carpet
E. I. du Pont Co.	100334-0	Dalton	GA	Carpet
EMSL Analytical, Inc.	101048-1	Smyrna	GA	PLM
EMSL Analytical, Inc.	101048-1	Smyrna	GA	TEM
Environmental Health Laboratory	101116-0	Macon	GA	PLM
Geo-Analytical Services, Inc.	102082-0	Atlanta	GA	PLM
Geo-Analytical Services, Inc.	102082-0	Atlanta	GA	TEM
Georgia Department of Agriculture Weights and Measures Laboratory	105006-0	Forest Park	GA	Calibration
Georgia Power Company/Enviro. Affairs, Enviro. Lab-Dosimetry	100551-0	Smyrna	GA	Dosimetry
GSC Environmental Laboratories, Inc.	101626-0	Augusta	GA	PLM
Inchcape Testing Services NA, Inc.	100409-0	Norcross	GA	FCC
Independent Textile Testing Service, Inc.	100166-0	Dalton	GA	Carpet
Lithonia Testing Laboratories	200007-0	Conyers	GA	Lighting
Materials Analytical Services, Inc.	101235-0	Norcross	GA	PLM
Materials Analytical Services, Inc.	101235-0	Norcross	GA	TEM
Mohawk Industries, Inc.- Lyerly Plant	100156-0	Lyerly	GA	Carpet
Professional Testing Laboratory, Inc.	100297-0	Dalton	GA	Carpet
Queen Carpet Test Laboratory	100429-0	Dalton	GA	Carpet
Shaw Industries, Inc., Technical Services	100193-0	Dalton	GA	Carpet
TSI, Testing Services, Inc.	100108-0	Dalton	GA	Carpet
World Carpets, Inc.	100197-0	Dalton	GA	Carpet

INDEX C. LISTING BY STATE/COUNTRY - continued

LABORATORY NAME	NVLAP LAB CODE	CITY	STATE/ COUNTRY	FIELD
<b>HI</b>				
EnvironMETeo Services Inc.	101807-0	Waipahu	HI	PLM
Muranaka Environmental Consultants, Inc.	102085-0	Honolulu	HI	PLM
<b>IA</b>				
Iowa Environmental Services, Inc.	101990-0	Des Moines	IA	PLM
Norand EMC Test Laboratory	100269-0	Cedar Rapids	IA	FCC
University (State) Hygienic Laboratory	101288-0	Iowa City	IA	PLM
University (State) Hygienic Laboratory	101288-0	Iowa City	IA	TEM
<b>IL</b>				
Aires Consulting Services, Inc.	101014-0	Batavia	IL	PLM
Aires Consulting Services, Inc.	101014-0	Batavia	IL	TEM
Beling Consultants, Inc.	101356-0	Moline	IL	PLM
Carnow, Conibear & Associates Ltd.	101039-0	Chicago	IL	PLM
Carnow, Conibear & Associates Ltd.	101039-0	Chicago	IL	TEM
Clinton Power Station	100570-0	Clinton	IL	Dosimetry
ComEd	101749-0	Bolingbrook	IL	PLM
ComEd - TLD Processing Lab - CTEAM Facility	100541-0	Bolingbrook	IL	Dosimetry
D.L.S. Electronic Systems, Inc.	100276-0	Wheeling	IL	FCC
Daily Analytical Laboratories	101322-0	Peoria	IL	PLM
Elite Electronic Engineering Company	100278-0	Downers Grove	IL	FCC
Elite Electronic Engineering Company	100278-0	Downers Grove	IL	MIL-STD-462
Hygieneering, Inc.	101997-0	Burr Ridge	IL	PLM
Insta-Foam Products, Inc.	100210-0	Joliet	IL	Thermal Insl.
JMS Environmental Associates, Ltd.	102012-0	Westmont	IL	PLM
KETER Consultants, Inc.	101727-0	Willow Springs	IL	PLM
Landauer, Inc.	100518-0	Glenwood	IL	Dosimetry
Midwest Laboratories, Inc.	101894-0	Countryside	IL	PLM
Midwest Laboratories, Inc.	101894-0	Countryside	IL	TEM
Philip Environmental Services Corp.	101192-0	Columbia	IL	PLM
RCM Laboratories, Inc.	101853-0	Brookfield	IL	PLM
Riverbank Acoustical Laboratories	100227-0	Geneva	IL	Acoustics
STAT Analysis Corporation	101202-0	Chicago	IL	PLM
STAT Analysis Corporation	101202-0	Chicago	IL	TEM
STS Consultants, Ltd.	100191-0	Northbrook	IL	Construction
TEM, Incorporated	101130-0	Glen Ellyn	IL	PLM
TEM, Incorporated	101130-0	Glen Ellyn	IL	TEM
Underwriters Laboratories Inc.	100414-0	Northbrook	IL	FCC
Underwriters Laboratories Inc.	100414-0	Northbrook	IL	Thermal Insl.
United Analytical Services, Inc.	101732-0	Hillside	IL	PLM
<b>IN</b>				
ACM Environmental, Inc.	101977-0	South Bend	IN	PLM
Aearo Company, E·A·RCAL Acoustical Laboratory	100374-0	Indianapolis	IN	Acoustics
ATEC Associates, Inc.	101265-0	Indianapolis	IN	PLM
ATEC Associates, Inc.	101265-0	Indianapolis	IN	TEM
Environmental Service Group	102029-0	Indianapolis	IN	PLM
Knauf Fiber Glass Research Laboratory	100248-0	Shelbyville	IN	Thermal Insl.
Micro Air, Inc.	101221-0	Indianapolis	IN	PLM



**INDEX C. LISTING BY STATE/COUNTRY - continued**

<b>LABORATORY NAME</b>	<b>NVLAP LAB CODE</b>	<b>CITY</b>	<b>STATE/ COUNTRY</b>	<b>FIELD</b>
<b>KS</b>				
Asbestos Consulting & Testing (ACT)	101649-0	Lenexa	KS	PLM
Professional Service Industries, Inc.	101342-0	Lawrence	KS	PLM
<b>KY</b>				
Analytical Industries, Inc.	101855-0	Paducah	KY	PLM
Analytical Management, Inc.	101224-0	Louisville	KY	PLM
Big Rivers Electric Corp.	200028-0	Henderson	KY	PLM
Inchcape Testing Services NA, Inc.	100274-0	Lexington	KY	FCC
M.S.L. Guardian	101399-0	Louisville	KY	PLM
McCall and Spero Environmental, Inc.	101895-0	Louisville	KY	PLM
McCall and Spero Environmental, Inc.	101895-0	Louisville	KY	TEM
MRS., Analytical Laboratory, Inc.	102113-0	Louisville	KY	PLM
<b>LA</b>				
Inchcape Testing Services NA, Inc.	101468-0	Baton Rouge	LA	PLM
Louisiana Department of Environmental Quality Microanalytical Lab	102000-0	Baton Rouge	LA	PLM
<b>MA</b>				
Acton Environmental Testing, dba National Technical Systems	100347-0	Acton	MA	MIL-STD-462
Barnes and Jarnis, Inc.	101553-0	Boston	MA	PLM
Chomerics Test Services (CTS)	100296-0	Woburn	MA	FCC
Covino Environmental Associates, Inc.	101781-0	Woburn	MA	PLM
Curtis-Straus LLC	200057-0	Littleton	MA	FCC
Data General Corporation	100339-0	Westboro	MA	FCC
Digital Equipment Corporation, Marlboro E.M.C. Test Facilities	100413-0	Marlboro	MA	FCC
Holometrix, Inc.	100113-0	Bedford	MA	Thermal Insl.
Hub Testing Laboratory, Inc.	101045-0	Waltham	MA	PLM
Hygeia Environmental Inc.	102068-0	Dedham	MA	PLM
Hygeia ProScience Laboratories, Inc.	101011-0	Woburn	MA	PLM
Hygeia ProScience Laboratories, Inc.	101011-0	Woburn	MA	TEM
Hygienetics Laboratory Services	101147-0	Boston	MA	PLM
Hygienetics Laboratory Services	101147-0	Boston	MA	TEM
IEA - Massachusetts	101005-0	N. Billerica	MA	PLM
IEA - Massachusetts	101005-0	N. Billerica	MA	TEM
Inchcape Testing Services NA, Inc.	100270-0	Boxborough	MA	FCC
Inchcape Testing Services NA, Inc.	100270-0	Boxborough	MA	MIL-STD-462
Instron Force Calibration Laboratory	105023-0	Canton	MA	Calibration
Integrity Design & Test Services, Inc.	200004-0	Littleton	MA	FCC
Motorola Product Quality Assurance Laboratory	200005-0	Mansfield	MA	FCC
Osram Sylvania Inc., Test & Measurements Laboratory	100403-0	Beverly	MA	Lighting
ProScience Analytical Services, Inc.	200090-0	Woburn	MA	PLM
ProScience Analytical Services, Inc.	200090-0	Woburn	MA	TEM
Quest Engineering Solutions, Inc.	200036-0	Billerica	MA	FCC
Recon Environmental Corp.	102079-0	Weymouth	MA	PLM
Test Site Services, Inc.	100419-0	Marlboro	MA	FCC
Vanasse Hangen Brustlin, Inc.	100400-0	Watertown	MA	Construction



**INDEX C. LISTING BY STATE/COUNTRY - continued**

<b>LABORATORY NAME</b>	<b>NVLAP LAB CODE</b>	<b>CITY</b>	<b>STATE/ COUNTRY</b>	<b>FIELD</b>
Yankee Atomic Electric Company, Environmental Laboratory	100524-0	Bolton	MA	Dosimetry
<b>MD</b>				
Alliant Techsystems	200084-0	Annapolis	MD	FCC
AMA Analytical Services, Inc.	101143-0	Lanham	MD	PLM
AMA Analytical Services, Inc.	101143-0	Lanham	MD	TEM
A TEC Associates, Inc.	101265-10	Columbia	MD	PLM
Baltimore Gas & Electric Company	100501-0	Lusby	MD	Dosimetry
CDRH X-Ray Calibration Laboratory	105018-0	Rockville	MD	Calibration
DHMH-Air Quality Laboratory	101523-0	Baltimore	MD	PLM
ManTech Environmental Corporation	101277-0	Rockville	MD	PLM
ManTech Environmental Corporation	101277-0	Rockville	MD	TEM
MET Laboratories, Inc.	100273-0	Baltimore	MD	FCC
NAHB Research Center, Inc.	100104-0	Upper Marlboro	MD	Thermal Insl.
National Particleboard Association	100418-0	Gaithersburg	MD	Wood Prod.
Naval Dosimetry Center	100504-0	Bethesda	MD	Dosimetry
NAWC AD 5.1.7.3. EMI Lab	100408-0	Patuxent River	MD	MIL-STD-462
PCTEST Engineering Laboratory, Inc.	100431-0	Columbia	MD	FCC
Rockford Engineering Services	200075-0	St. Leonard	MD	FCC
Spectrum Research & Testing Laboratory, Inc.	200100-0	Owing	MD	FCC
U.S. Army Center for Health Promotion and Preventive Medicine	200044-0	Aberdeen Proving Ground	MD	PLM
Washington Laboratories, Ltd.	200066-0	Gaithersburg	MD	FCC
<b>ME</b>				
Northeast Test Consultants	101565-0	Westbrook	ME	PLM
<b>MI</b>				
AAC Trinity, Inc.	101168-0	Farmington Hills	MI	PLM
Apex Research Laboratory	102118-0	Whitmore Lake	MI	PLM
Detroit Edison, Fermi 2 Dosimetry Laboratory	100529-0	Newport	MI	Dosimetry
Eaton E3 Laboratory	100382-0	Southfield	MI	MIL-STD-462
EMSL Analytical, Inc.	101048-4	Ann Arbor	MI	PLM
EMSL Analytical, Inc.	101048-4	Ann Arbor	MI	TEM
ERT Testing Services	101295-0	Highland Park	MI	PLM
Fibertec, Inc.	101510-0	Holt	MI	PLM
WMI Environmental Services	102065-0	Kalamazoo	MI	PLM
<b>MN</b>				
3M Product Safety EMC Laboratory	200033-0	St. Paul	MN	FCC
Braun Intertec Corporation	101234-0	Minneapolis	MN	PLM
Braun Intertec Corporation	101234-0	Minneapolis	MN	TEM
Control Data OSI Accredited Test Center	100354-0	Arden Hills	MN	GOSIP
Delta Environmental Consultants, Inc.	101966-0	St. Paul	MN	PLM
Detecon, Inc. Type Approval Division	200039-0	St. Paul	MN	FCC
Inchcape Testing Services NA, Inc.	200049-0	Lake Elmo	MN	FCC
Institute for Environmental Assessment	101249-0	Brooklyn Park	MN	PLM
Institute for Environmental Assessment	101249-0	Brooklyn Park	MN	TEM
Legend Technical Services, Inc.	102081-0	St. Paul	MN	PLM
Maxim Technologies, Inc.	200046-0	St. Paul	MN	Acoustics

**INDEX C. LISTING BY STATE/COUNTRY - continued**

<b>LABORATORY NAME</b>	<b>NVLAP LAB CODE</b>	<b>CITY</b>	<b>STATE/ COUNTRY</b>	<b>FIELD</b>
Maxim Technologies, Inc.	200046-0	St. Paul	MN	PLM
Maxim Technologies, Inc.	200046-0	St. Paul	MN	Thermal Insl.
Milan Asbestos Laboratory	102095-0	Milan	MN	PLM
Minnesota Metrology Laboratory	105003-0	St. Paul	MN	Calibration
NOVA Environmental Services, Inc.	101545-0	Chaska	MN	PLM
TUV Product Service, Inc.	100271-0	New Brighton	MN	FCC
TUV Product Service, Inc.	100271-0	New Brighton	MN	MIL-STD-462

**MO**

Industrial Testing Laboratories, Inc.	101072-0	St. Louis	MO	PLM
Industrial Testing Laboratories, Inc.	101072-0	St. Louis	MO	TEM
Kingston Environmental Laboratory	200041-0	Lee's Summit	MO	PLM
Larron Laboratory	101415-0	Cape Girardeau	MO	PLM
Mallinckrodt Group, Inc.	100503-0	Maryland Heights	MO	Dosimetry
Microscopic Analysis, Inc.	101037-0	St. Louis	MO	PLM
OCCU-TEC, Inc.	102025-0	Kansas City	MO	PLM
St. Louis County Department of Health	101506-0	Clayton	MO	PLM
Union Electric Company, Callaway Plant	100502-0	Fulton	MO	Dosimetry

**MS**

Thomas Lighting C & I Division, Photometric Laboratory	200016-0	Tupelo	MS	Lighting
---	----------	--------	----	----------

**MT**

Maxim Technologies, Inc.	101292-0	Billings	MT	PLM
--------------------------	----------	----------	----	-----

**NC**

Alternative Energy Corporation, Industrial Electrotechnology Lab.	200081-0	Raleigh	NC	Electric Motors
Asbestos Analysis and Information Service, Inc.	101261-0	Chapel Hill	NC	PLM
Carolina Environmental, Inc.	101768-0	Raleigh	NC	PLM
Carolina Power & Light Company, Harris Energy & Enviro. Center	100517-0	New Hill	NC	Dosimetry
Duke Power Company Dosimetry Laboratory	100505-0	Charlotte	NC	Dosimetry
EEC, Inc.	101088-0	Raleigh	NC	PLM
EMSL Analytical, Inc.	102104-0	Greensboro	NC	PLM
EMSL Analytical, Inc.	102104-0	Greensboro	NC	TEM
Health & Hygiene, Inc.	101159-0	Greensboro	NC	PLM
Law Engineering and Environmental Services, Inc.	101226-0	Charlotte	NC	PLM
Mohawk Industries, Inc., Karastan Rug Mill Testing	100178-0	Eden	NC	Carpet
S&ME, Inc.	102075-0	Charlotte	NC	PLM
Troxler Radiation Monitoring Svc. a div. of Troxler Elect. Labs	100559-0	Research Triangle Park	NC	Dosimetry

**ND**

A.R.C. Laboratories, Inc.	101832-0	Grand Forks	ND	PLM
---------------------------	----------	-------------	----	-----

INDEX C. LISTING BY STATE/COUNTRY - continued

LABORATORY NAME	NVLAP LAB CODE	CITY	STATE/ COUNTRY	FIELD
<b>NH</b>				
Dames & Moore, Inc.	101433-0	Salem	NH	PLM
Digital Equipment Corporation	100380-0	Salem	NH	FCC
Retlif Testing Laboratories	100267-1	Goffstown	NH	FCC
The Scott Lawson Group, Ltd.	101228-0	Concord	NH	PLM
<b>NJ</b>				
AET Environmental, Inc.	101610-0	Cherry Hill	NJ	PLM
Bell Laboratories, Division Lucent Technologies, Inc.	101965-0	Murray Hill	NJ	PLM
CT&E Environmental Services	101074-0	Carlstadt	NJ	PLM
Detail Associates, Inc.	102100-0	Englewood	NJ	PLM
EAI, Inc.	102114-0	Jersey City	NJ	PLM
EMSL Analytical, Inc.	101048-0	Westmont	NJ	PLM
EMSL Analytical, Inc.	101048-0	Westmont	NJ	TEM
EMSL Analytical, Inc.	101048-2	Piscataway	NJ	PLM
EMSL Analytical, Inc.	101048-2	Piscataway	NJ	TEM
Enviro Techniques, Inc.	200024-0	Paterson	NJ	PLM
Environmental Monitoring & Consulting Associates	101087-0	Somerville	NJ	PLM
Hillmann Environmental Company	101421-0	Union	NJ	PLM
International Asbestos Testing Laboratory	101165-0	Mt. Laurel	NJ	PLM
International Asbestos Testing Laboratory	101165-0	Mt. Laurel	NJ	TEM
Lucent Technologies, Global Product Compliance Lab	100275-0	Holmdel	NJ	FCC
NJSP Calibration Laboratory	200006-0	Princeton	NJ	Dosimetry
Omega Environmental Services	101289-0	Hackensack	NJ	PLM
PMK Group, Inc.	101301-0	Kenilworth	NJ	PLM
Teledyne Brown Engineering Environmental Services	100533-0	Westwood	NJ	Dosimetry
Testwell Craig Testing Laboratories, Inc.	200083-1	Mays Landing	NJ	PLM
<b>NM</b>				
Assaigai Analytical Laboratories, Inc.	101457-0	Albuquerque	NM	PLM
Sandia National Laboratories	105002-0	Albuquerque	NM	Calibration
Thermo NUtech	100515-0	Albuquerque	NM	Dosimetry
<b>NV</b>				
Clark County School District	101220-0	Henderson	NV	PLM
Converse Consultants MR, Inc.	102091-0	Reno	NV	PLM
<b>NY</b>				
ABM Environmental Consultants, Inc.	102015-0	Long Island City	NY	PLM
Airtek Environmental Corp.	102011-0	New York	NY	PLM
Ambient Labs, Inc.	101618-0	New York	NY	PLM
Asbestos Control Program Laboratory	101888-0	Corona	NY	PLM
ATC Environmental, Inc.	101187-0	New York	NY	PLM
ATC Environmental, Inc.	101187-0	New York	NY	TEM
Athenica Environmental Services, Inc.	101958-0	Long Island City	NY	PLM
Certelec Laboratories, Inc.	100351-1	Ogdensburg	NY	FCC
Chopra-Lee, Inc.	200095-0	Grand Island	NY	PLM
Con Edison, Indian Point Station 2	100538-0	Buchanan	NY	Dosimetry

INDEX C. LISTING BY STATE/COUNTRY - continued

LABORATORY NAME	NVLAP LAB CODE	CITY	STATE/ COUNTRY	FIELD
D/L Laboratories	100252-0	New York	NY	Commercial
Eastern Analytical Services, Inc.	101646-0	Elmsford	NY	PLM
Eastern Analytical Services, Inc.	101646-0	Elmsford	NY	TEM
EMSL Analytical, Inc.	101048-9	New York	NY	PLM
EMSL Analytical, Inc.	101048-9	New York	NY	TEM
EMSL Analytical, Inc.	101048-10	Carle Place	NY	PLM
EMSL Analytical, Inc.	101048-10	Carle Place	NY	TEM
EMSL Analytical, Inc.	200056-0	Williamsville	NY	PLM
EMSL Analytical, Inc.	200056-0	Williamsville	NY	TEM
Entek Environmental & Technical Services, Inc.	101455-0	Troy	NY	PLM
Enviro-Probe, Inc.	101222-0	Bronx	NY	PLM
Environmental Testing Laboratories, Inc.	101937-0	Farmingdale	NY	TEM
Fairway Testing Company, Inc.	100340-0	Stony Point	NY	Construction
Galson Laboratories	101375-0	East Syracuse	NY	PLM
Ginna Nuclear Station	100514-0	Ontario	NY	Dosimetry
IBM Hudson Valley Acoustics Laboratory	100323-0	Poughkeepsie	NY	Acoustics
Inchcape Testing Services NA, Inc.	100402-0	Cortland	NY	Lighting
Inchcape Testing Services NA, Inc.	100402-0	Cortland	NY	Thermal Insl.
Industrial Acoustics Company, Inc., Aero-Acoustics Laboratory	100404-0	Bronx	NY	Acoustics
JLC Environmental Consultants, Inc.	101953-0	New York	NY	PLM
KAM Consultants	102047-0	Long Island City	NY	PLM
KAM Consultants	102047-0	Long Island City	NY	TEM
National Testing Laboratories, Inc.	101428-0	Long Island City	NY	PLM
New York Testing Laboratories, Inc.	101332-0	West Babylon	NY	PLM
New York Testing Laboratories, Inc.	101332-0	West Babylon	NY	TEM
Niagara Mohawk Power Corporation - Nine Mile Point	100553-0	Lycoming	NY	Dosimetry
Niche Analysis, Inc.	102057-0	Mount Vernon	NY	PLM
NY Environmental & Material Testing Laboratories, Inc.	101967-0	Port Washington	NY	PLM
O'Brien & Gere Laboratories, Inc.	101343-0	Syracuse	NY	PLM
O'Brien & Gere Laboratories, Inc.	101343-0	Syracuse	NY	TEM
PSI	101755-0	New York	NY	PLM
PSI, Inc.	101070-0	Farmingdale	NY	PLM
Rapid Environmental Management, Inc.	101974-0	Great Neck	NY	PLM
Retlif Testing Laboratories	100267-0	Ronkonkoma	NY	FCC
Retlif Testing Laboratories	100267-0	Ronkonkoma	NY	MIL-STD-462
Scientific Laboratories, Inc.	101904-1	New York	NY	PLM
Scientific Laboratories, Inc.	101904-1	New York	NY	TEM
TAKA Analytical Services, Inc.	101724-0	Northport	NY	PLM
Taylor Environmental Group, Inc.	102101-0	Floral Park	NY	PLM
Technical Services Laboratory	101558-0	Long Island City	NY	PLM
Testing Mechanics Corp.	102001-0	Seaford	NY	PLM
Testwell Craig Laboratories, Inc.	200083-0	Ossining	NY	Construction
Testwell Craig Laboratories, Inc.	200083-0	Ossining	NY	PLM
Testwell Craig Laboratories, Inc.	200083-0	Ossining	NY	TEM
Underwriters Laboratories, Inc.	100255-0	Melville	NY	FCC
Vartest Laboratories, Inc.	200027-0	New York	NY	Carpet
WKP Laboratories, Inc.	101950-0	Ossining	NY	PLM



INDEX C. LISTING BY STATE/COUNTRY - continued

LABORATORY NAME	NVLAP LAB CODE	CITY	STATE/ COUNTRY	FIELD
<b>OH</b>				
Affiliated Environmental Services, Inc.	101007-0	Sandusky	OH	PLM
Allison Analytical Services, Inc.	101330-0	Worthington	OH	PLM
American Electric Power Service Corporation	102102-0	Columbus	OH	PLM
ATC Associates Inc.	102071-0	Cincinnati	OH	PLM
DataChem Laboratories	101917-0	Cincinnati	OH	PLM
DataChem Laboratories	101917-0	Cincinnati	OH	TEM
DLZ Laboratories, Inc.	101060-0	Columbus	OH	PLM
Dow Chemical N. America Foam Products Research, Prod. Perf. Lab.	100103-0	Granville	OH	Thermal Insl.
Electro-Analytical, Inc.	101019-0	Mentor	OH	PLM
EssTek Ohio, Inc.	102093-0	Cleveland	OH	PLM
Fluor Daniel Fernald, Inc.	102010-0	Cincinnati	OH	PLM
GE Lighting- Technical Support	100398-0	Cleveland	OH	Lighting
Gelles Laboratories, Inc.	101170-0	Columbus	OH	PLM
Gelles Laboratories, Inc.	101170-0	Columbus	OH	TEM
H.C. Nutting Company	100131-0	Cincinnati	OH	Construction
Lockheed Martin Utility Services, Inc.	101383-0	Piketon	OH	PLM
m.a.c. Paran Consulting Services, Inc.	102108-0	Amelia	OH	PLM
Owens Corning - Granville	100109-0	Granville	OH	Thermal Insl.
Portsmouth Gaseous Diffusion Plant	100574-0	Piketon	OH	Dosimetry
Pro-Ac, Inc.	101585-0	Cincinnati	OH	PLM
Quest Industrial Inc.	101062-0	Youngstown	OH	PLM
TolTest, Inc.	101594-0	Toledo	OH	PLM
Tremco, Inc./BFGoodrich - Roofing Division	101188-0	Beachwood	OH	PLM
Webber Gage Division / L.S. Starrett Co.	200038-0	Cleveland	OH	Calibration
<b>OK</b>				
Diversified Environmental Technologies, Inc. (D.E.T.I.)	101621-0	Oklahoma City	OK	PLM
Hollytex Carpet Mills, Inc.	100247-0	Anadarko	OK	Carpet
Oklahoma Dept. of Environmental Quality-State Environmental Lab	102112-0	Oklahoma City	OK	PLM
Precision Testing Laboratories, Inc.	101580-0	Moore	OK	PLM
QuanTEM Laboratories, LLC	101959-0	Oklahoma City	OK	PLM
QuanTEM Laboratories, LLC	101959-0	Oklahoma City	OK	TEM
SGS U.S. Testing Company, Inc.	100416-0	Tulsa	OK	Commercial
SGS U.S. Testing Company, Inc.	100416-0	Tulsa	OK	Thermal Insl.
Standard Testing and Engineering Company	101053-0	Oklahoma City	OK	PLM
Stanley Engineering Inc.	101568-0	Oklahoma City	OK	PLM
Stanley Engineering Inc.	101568-0	Oklahoma City	OK	TEM
<b>OR</b>				
ECS/Wagner Environmental	101064-0	Eugene	OR	PLM
Health Physics Northwest	100567-0	Tigard	OR	Dosimetry
Northwest EMC, Inc.	200059-0	Newberg	OR	FCC
PBS Environmental Building Consultants, Inc.	101910-0	Portland	OR	PLM
Professional Service Industries, Inc.,	100430-0	Eugene	OR	Wood Prod.
Pittsburgh Test. Lab. Div.				
Timberco, Inc.- dba TECO	100420-0	Eugene	OR	Wood Prod.



INDEX C. LISTING BY STATE/COUNTRY - continued

LABORATORY NAME	NVLAP LAB CODE	CITY	STATE/ COUNTRY	FIELD
Willamette Industries, Inc. West Coast Development Lab	200045-0	Wilsonville	OR	Commercial
<b>PA</b>				
Accredited Environmental Technologies, Inc.	101051-0	Media	PA	PLM
AGX, Inc.	101578-0	Cranberry Township	PA	PLM
Allegheny Asbestos Analysis	101704-0	Canonsburg	PA	PLM
American Testing Laboratories, Inc.	100146-0	Lancaster	PA	Construction
Armstrong Acoustic Labs, Armstrong World Ind., Inc. Innov. Center	100228-0	Lancaster	PA	Acoustics
BCM Engineers, Inc./Smith Environmental Technologies Corporation	101374-0	Norristown	PA	PLM
Criterion Laboratories, Inc.	102046-0	Bensalem	PA	PLM
Dodge-Regupol, Inc. Laboratory	200030-0	Lancaster	PA	Commercial
Duquesne Light Company, Beaver Valley Power Station	100521-0	Shippingport	PA	Dosimetry
Eagle Industrial Hygiene Associates, Inc.	101536-0	Horsham	PA	PLM
GA Environmental Services, Inc.	101996-0	Eddystone	PA	PLM
GCI Environmental Advisory, Inc.	101820-0	Wilkes-Barre	PA	PLM
GCI Environmental Advisory, Inc.	101820-0	Wilkes-Barre	PA	TEM
GPU Nuclear Chemistry/Materials Labs.	102064-0	Reading	PA	PLM
GPU Nuclear Corp. Nuclear Services Division	100510-0	Middletown	PA	Dosimetry
Henry Troemner, Inc.	105013-0	Philadelphia	PA	Calibration
Instrument Specialties Co., Inc.	200076-0	Delaware Water Gap	PA	FCC
Kevco Services, Inc.	101941-0	Butler	PA	PLM
Levecque Technical Center	100101-0	Blue Bell	PA	Thermal Insl.
MDS Laboratories	101262-0	Reading	PA	PLM
MDS Laboratories	101262-0	Reading	PA	TEM
Michael & Associates	100427-0	State College	PA	Acoustics
Microbac Laboratories, Inc.	101035-0	Erie	PA	PLM
PA DEP Bureau of Laboratories	101323-0	Harrisburg	PA	PLM
Pennsylvania Power and Light Company	100554-0	Allentown	PA	Dosimetry
PSI	101350-0	Pittsburgh	PA	PLM
PSI	101350-0	Pittsburgh	PA	TEM
R & B Enterprises	100280-0	West Conshohocken	PA	FCC
R & B Enterprises	100280-0	West Conshohocken	PA	MIL-STD-462
RJ Lee Group, Inc.	101208-0	Monroeville	PA	PLM
RJ Lee Group, Inc.	101208-0	Monroeville	PA	TEM
SSM/Laboratories, Inc.	101112-0	Reading	PA	PLM
UNISYS-Systems Certification	100367-0	Paoli	PA	GOSIP
UNISYS-Systems Certification	100367-0	Paoli	PA	POSIX
Volz Environmental Services, Inc.	101269-0	Pittsburgh	PA	PLM
Westinghouse Electric Corporation Nuclear Services Div. TLD Lab	100569-0	Madison	PA	Dosimetry
<b>RI</b>				
RI Analytical Laboratories, Inc.	101440-0	Warwick	RI	PLM
Vortex Inc./DBA V-Lab	102105-0	Warwick	RI	PLM

INDEX C. LISTING BY STATE/COUNTRY - continued

LABORATORY NAME	NVLAP LAB CODE	CITY	STATE/ COUNTRY	FIELD
<b>SC</b>				
Azimuth Laboratories	101050-0	Charleston	SC	PLM
Davis & Floyd, Inc.	101410-0	Greenwood	SC	PLM
South Carolina Department of Health & Environmental Control	101572-0	Columbia	SC	PLM
Westinghouse Electric Corporation	100569-1	Spartanburg	SC	Dosimetry
<b>TN</b>				
GHP Laboratories	102098-0	Nashville	TN	PLM
Knoxville Branch Laboratory-TN Dept. Health	101496-0	Knoxville	TN	PLM
National Econ Corporation	200047-0	Memphis	TN	PLM
Oak Ridge Metrology Center, Dimensional Metrology	105000-0	Oak Ridge	TN	Calibration
PDR Environmental Laboratories	101479-0	Nashville	TN	PLM
Tennessee Valley Authority External Dosimetry Service	100516-0	Soddy-Daisy	TN	Dosimetry
Williams & Associates, Inc.	102027-0	Memphis	TN	PLM
<b>TX</b>				
A & B Environmental Services, Inc.	101793-0	Houston	TX	PLM
Acoustic Systems Acoustical Research Facility	100286-0	Austin	TX	Acoustics
ATEC Associates, Inc.	101265-2	Dallas	TX	PLM
Atomic Energy Industrial Laboratory of the Southwest	100556-0	Houston	TX	Dosimetry
CHEMTEX Environmental Laboratory, Inc.	200025-0	Port Arthur	TX	PLM
City of Austin-Holly Chemistry Lab.	200014-0	Austin	TX	PLM
Compaq Computer Corp. Emissions Control Lab	200058-0	Houston	TX	FCC
Dolphin Environmental Consultants	102086-0	Stafford	TX	PLM
EMC Test Lab	200052-0	Austin	TX	FCC
EMSL Analytical, Inc.	102106-0	Houston	TX	PLM
EMSL Analytical, Inc.	102106-0	Houston	TX	TEM
EMSL Analytical, Inc.	200034-0	Dallas	TX	PLM
EMSL Analytical, Inc.	200034-0	Dallas	TX	TEM
Environmental Support Services, Inc.	101987-0	Richardson	TX	PLM
Envirotest, Inc.	101595-0	Houston	TX	PLM
ERI Consulting Engineers, Inc.	101232-0	Tyler	TX	PLM
ERI Consulting Engineers, Inc.	101232-0	Tyler	TX	TEM
Fugro Environmental, Inc.	101148-0	Houston	TX	PLM
HIH Laboratory, Inc.	101233-0	Webster	TX	PLM
Industrial Hygiene & Safety Technology, Inc.	101634-0	Dallas	TX	PLM
International Compliance Corporation	100426-0	Lewisville	TX	FCC
Jimmie Ann Bolton	101735-0	Austin	TX	PLM
Law Engineering and Environmental Services, Inc.	101973-0	Dallas	TX	PLM
Law Engineering, Inc.	101152-0	Houston	TX	PLM
Loflin Environmental Services	102044-0	Houston	TX	PLM
Maxim Technologies, Inc.	101091-0	Dallas	TX	PLM
Maxim Technologies, Inc.	101091-0	Dallas	TX	TEM

**INDEX C. LISTING BY STATE/COUNTRY - continued**

<b>LABORATORY NAME</b>	<b>NVLAP LAB CODE</b>	<b>CITY</b>	<b>STATE/ COUNTRY</b>	<b>FIELD</b>
Maxim Technologies, Inc.	101091-1	Houston	TX	PLM
McKee Environmental Health, Inc.	101135-0	Friendswood	TX	PLM
Micro Air of Texas, Inc.	102008-0	Houston	TX	PLM
North American Analytical Labs, Inc.	101782-0	Abilene	TX	PLM
Omni Environmental, Inc.	102061-0	Austin	TX	PLM
Reservoirs Environmental Services, Inc.	101896-1	Houston	TX	PLM
Reservoirs Environmental Services, Inc.	101896-1	Houston	TX	TEM
RJ Lee Group, Inc.	101208-5	Houston	TX	PLM
RJ Lee Group, Inc.	101208-5	Houston	TX	TEM
South Texas Project Dosimetry Laboratory	100519-0	Wadsworth	TX	Dosimetry
Steve Moody Micro Services, Inc.	102056-0	Carrollton	TX	PLM
Sun City Analytical, Inc.	101870-0	El Paso	TX	PLM
Terra-Mar, Inc.	101940-0	Fort Worth	TX	PLM
TerraNext	101162-0	Dallas	TX	PLM
TU Electric-Comanche Peak Steam Electric Station	100528-0	Glen Rose	TX	Dosimetry
USAF Armstrong Laboratory/OEBD	100548-0	Brooks AFB	TX	Dosimetry
Water, Earth Solutions & Technologies, Inc.	102043-0	Dallas	TX	PLM
Wayne Langston, Inc.	200021-0	League City	TX	FCC
<b>UT</b>				
Communication Certification Laboratory	100272-0	Salt Lake City	UT	FCC
Dixon Information Inc.	101012-0	South Salt Lake	UT	PLM
<b>VA</b>				
American Medical Laboratories	101136-0	Chantilly	VA	PLM
Applied Environmental, Inc.	101611-0	Reston	VA	PLM
Auditory Systems Laboratory - Virginia Tech	100352-0	Blacksburg	VA	Acoustics
CDA, Inc., Open Systems Development Group	100364-0	McLean	VA	GOSIP
Cryptographic Equipment Assessment Lab. (CEAL)	200002-0	McLean	VA	Cryptographic
Environmental Hazards Services, Inc.	101882-0	Richmond	VA	PLM
Froehling & Robertson, Inc.	102060-0	Richmond	VA	PLM
Hubbell Lighting Photometric Laboratory	200020-0	Christiansburg	VA	Lighting
Industrial Laboratory	102115-0	Portsmouth	VA	PLM
Labcorp Analytics Laboratory	101004-0	Richmond	VA	PLM
Law Engineering and Environmental Services, Inc.	101847-0	Chantilly	VA	PLM
Marine Chemist Service, Inc.	101425-0	Newport News	VA	PLM
Newport News Shipbuilding Radiological Control Department	100561-0	Newport News	VA	Dosimetry
North Anna Power Station	100520-0	Mineral	VA	Dosimetry
Pacific Environmental Services, Inc.	101190-0	Herndon	VA	PLM
Proxtronics, Inc.	100573-0	Burke	VA	Dosimetry
Rhein Tech Laboratories, Inc.	200061-0	Herndon	VA	FCC
RJ Lee Group, Inc.	101208-3	Manassas	VA	PLM
RJ Lee Group, Inc.	101208-3	Manassas	VA	TEM
Schneider Laboratories, Inc.	101150-0	Richmond	VA	PLM
Scientific Laboratories, Inc.	101904-0	Richmond	VA	PLM
Scientific Laboratories, Inc.	101904-0	Richmond	VA	TEM
SEAS, Inc.	101185-0	Blacksburg	VA	PLM

INDEX C. LISTING BY STATE/COUNTRY - continued

LABORATORY NAME	NVLAP LAB CODE	CITY	STATE/ COUNTRY	FIELD
State of Virginia Metrology Lab	105007-0	Richmond	VA	Calibration
TC Analytics, Inc.	101672-0	Norfolk	VA	PLM
Versar, Inc.	101122-0	Springfield	VA	PLM
<b>WA</b>				
APA - The Engineered Wood Association Research Center	100423-0	Tacoma	WA	Wood Prod.
Clayton Environmental Consultants, Inc.	101106-0	Seattle	WA	PLM
Eberline Analytical Corporation	200026-0	Richland	WA	Dosimetry
EMSL Analytical, Inc.	200019-0	Seattle	WA	PLM
EMSL Analytical, Inc.	200019-0	Seattle	WA	TEM
Fluke Corporation Primary Standards Laboratory	105016-0	Everett	WA	Calibration
Lab/Cor, Inc.	101920-0	Seattle	WA	TEM
Mountain Laboratories	101890-0	Spokane	WA	PLM
Naval Nuclear Propulsion Program Directorate	100565-0	Bremerton	WA	Dosimetry
Northwest Envirocon, Inc.	101869-0	Vancouver	WA	PLM
NVL Laboratories, Inc.	102063-0	Seattle	WA	PLM
Pacific Northwest National Laboratory	105020-0	Richland	WA	Calibration
Precision Environmental Services, Inc.	101631-0	Tukwila	WA	PLM
Prezant Associates, Inc.	101886-0	Seattle	WA	PLM
Puget Sound Naval Shipyard	101539-0	Bremerton	WA	PLM
Rust Federal Services of Hanford, Inc.	101058-0	Richland	WA	PLM
Safe Environment of America	102021-0	Kent	WA	PLM
United States Dosimetry Technology, Inc.	100571-0	Richland	WA	Dosimetry
<b>WI</b>				
AIResearch, Inc.	101868-0	Wauwatosa	WI	PLM
Hufcor Laboratory	100239-0	Janesville	WI	Acoustics
Inchcape Testing Services NA, Inc.	200031-0	Middleton	WI	Thermal Insl.
Micro Analytical, Inc.	101247-0	Milwaukee	WI	PLM
PFS Corporation	100421-0	Madison	WI	Wood Prod.
Rice Lake Weighing Systems	105001-0	Rice Lake	WI	Calibration
Twin Ports Testing, Inc.	102083-0	Superior	WI	PLM
Wausau Insurance Companies	101079-0	Wausau	WI	PLM
West Allis Memorial Hospital	101661-0	West Allis	WI	PLM
Wisconsin Occupational Health Laboratory	101109-0	Madison	WI	PLM
<b>WV</b>				
Environmental Services, Inc.	101306-0	St. Albans	WV	PLM
Mountaineer Testing Laboratories, Inc.	101784-0	Lewisburg	WV	PLM
Philips Lighting Corporate Calibration & Standards Laboratory	100399-0	Fairmont	WV	Lighting
Triad, Inc.	102073-0	Huntington	WV	PLM
<b>CANADA</b>				
BNR Product Integrity Labs	100350-0	Kanata Ontario	CANADA	FCC
Canadian Standards Association	100322-0	Etobicoke Ontario	CANADA	Commercial
Certelecom Laboratories, Inc.	100351-0	Ottawa Ontario	CANADA	FCC
Chatfield Technical Consulting Limited	101103-0	Mississauga Ontario	CANADA	PLM
DOMUS Software Limited ITSEC Laboratory	200017-0	Ottawa Ontario	CANADA	Cryptographic



**INDEX C. LISTING BY STATE/COUNTRY - continued**

<b>LABORATORY NAME</b>	<b>NVLAP LAB CODE</b>	<b>CITY</b>	<b>STATE/ COUNTRY</b>	<b>FIELD</b>
LEX Scientific Inc.	101949-0	Guelph Ontario	CANADA	PLM
Northern Telecom BVW Lab	200098-0	Belleville, Ontario	CANADA	FCC
PHH Environmental Limited	101675-0	Richmond, British Columbia	CANADA	PLM
Pinchin Environmental Consultants Ltd.	101270-0	Mississauga Ontario	CANADA	PLM
Pinchin LeBlanc Environmental Ltd.	101270-1	Dartmouth N.S.	CANADA	PLM
Technology Products Assurance	200055-0	North York, Ontario	CANADA	FCC
UltraTech Engineering Labs Inc.	200093-0	Mississauga, Ontario	CANADA	FCC
Vibro-Acoustics Laboratory	100424-0	Scarborough Ontario	CANADA	Acoustics

**JAPAN**

Akzo Kashima Ltd. Kakegawa EMC Test Site	100290-2	Shizuoka	JAPAN	FCC
Akzo Kashima Ltd., Kashima EMC Site	100290-0	Ibaraki	JAPAN	FCC
Akzo Kashima Ltd., Matsuda EMC Test Site	100290-4	Kanagawa	JAPAN	FCC
Akzo Kashima Ltd., Nagano EMC Test Site	100290-3	Nagano	JAPAN	FCC
Akzo Kashima Ltd., Tochigi EMC Test Site	100290-5	Tochigi	JAPAN	FCC
Akzo Kashima Ltd., Yokohama Test Center	100290-1	Yokohama	JAPAN	FCC
IPS Corporation	200012-0	Nagano	JAPAN	FCC
Matsushita EMC Center	100428-0	Taki-gun, Hyogo	JAPAN	FCC

**KOREA**

LG Electronics, Inc., Quality and Reliability Center	200040-0	Seoul	KOREA	FCC
--	----------	-------	-------	-----

**TAIWAN**

Global EMC Standard Tech. Corp.	200085-0	Taipei County	TAIWAN	FCC
Radiation Laboratory, Taiwan Power Company	100562-0	Shihmen Taipei	TAIWAN	Dosimetry
Spectrum Research & Testing Laboratory, Inc.	200099-0	Chun-Li, Taoyuan	TAIWAN	FCC

**UNITED KINGDOM**

National Computing Centre Ltd.	100357-0	Manchester	UNITED KINGDOM	GOSIP
--------------------------------	----------	------------	----------------	-------





**INDEX**

**D**

**LISTING OF  
TESTING  
LABORATORIES  
BY NVLAP  
LAB CODE**



**INDEX D. LISTING OF TESTING LABORATORIES BY NVLAP LAB CODE**

**NVLAP LAB CODE 100101-0**

**Leveque Technical Center**

1400 Union Meeting Road  
 P.O. Box 1100  
 Blue Bell, PA 19422-0761  
 Contact: Mr. Pete Herault  
 Phone: 610-341-6376  
 Fax: 610-341-6291

**Thermal Insulation Materials**

Accreditation Valid Through: December 31, 1997

*NVLAP*

*Code Designation*

**Canadian Standards (Specifications)**

- 01/W01 CAN/CGSB-51.2-M88 (exclude ASTM C458)
- 01/W02 CAN/CGSB-51.9-92 (exclude Para. 5.2.2, 5.2.5, 7.3)
- 01/W03 CAN/CGSB-51.10-92 (exclude Para. 5.2.5)
- 01/W04 CAN/CGSB-51.11-92 (exclude Para. 5.2.5)
- 01/WNOT Scope excludes CGSB 51-GP-52M; however, ASTM E96 & D828 are included where specified in the Canadian Standards (01/W02-W04)

**Corrosiveness**

- 01/C02 16 CFR-Part 1209.5

**Flammability**

- 01/F01 TAPPI T461-OM
- 01/F05 ASTM E136
- 01/F07 16 CFR-Part 1209.6
- 01/F08 16 CFR-Part 1209.7

**Mass, Density, and Dimensional Stability**

- 01/D01 ASTM C136
- 01/D02 ASTM C167
- 01/D08 ASTM C302
- 01/D09 ASTM C303
- 01/D11 ASTM C356
- 01/D12 ASTM C411
- 01/D13 ASTM C519
- 01/D24 ASTM C739 (Sec. 12)
- 01/D26 16 CFR-Part 1209.4
- 01/D27 ASTM C739 (Sec. 8)
- 01/D30 ASTM C585

**Related Material Properties**

- 01/V04 ASTM E96
- 01/V07 ASTM C1104/C1104M

**Strength**

- 01/S01b ASTM C165 (Proc. B only)
- 01/S08 ASTM C446
- 01/S10 ASTM D828
- 01/S15 ASTM C421
- 01/S16 ASTM C1101/C1101M

**Thermal Resistance**

- 01/T01 ASTM C177
- 01/T04 ASTM C236
- 01/T05 ASTM C335
- 01/T06 ASTM C518
- 01/T09 ASTM C653
- 01/T10 ASTM C687

**NVLAP LAB CODE 100103-0**

**Dow Chemical N. America Foam Products  
 Research, Prod. Perf. Lab.**

3825 Columbus Road, S.W.  
 P.O. Box 515  
 Granville, OH 43023-0515  
 Contact: Ms. Linda Hess  
 Phone: 614-587-5411  
 Fax: 614-587-4224

**Thermal Insulation Materials**

Accreditation Valid Through: December 31, 1997

*NVLAP*

*Code Designation*

**Mass, Density, and Dimensional Stability**

- 01/D07 ASTM C272
- 01/D18 ASTM D1622
- 01/D19 ASTM D2126
- 01/D23 ASTM D2842

**Related Material Properties**

- 01/V04 ASTM E96

**Strength**

- 01/S02 ASTM C203
- 01/S07 ASTM C273
- 01/S11 ASTM D1621 (Proc. A)

**Thermal Resistance**

- 01/T06 ASTM C518

**NVLAP LAB CODE 100104-0**

**NAHB Research Center, Inc.**

400 Prince George's Boulevard  
 Upper Marlboro, MD 20774-8731  
 Contact: Mr. Thomas M. Kenney, P.E.  
 Phone: 301-249-4000  
 Fax: 301-249-0305  
 E-Mail: 75220, 2615@compuserve.com

**Thermal Insulation Materials**

Accreditation Valid Through: December 31, 1997

*NVLAP*

*Code Designation*

**Mass, Density, and Dimensional Stability**

- 01/D02 ASTM C167
- 01/D13 ASTM C519
- 01/D27 ASTM C739 (Sec. 8)

**Thermal Resistance**

- 01/T06 ASTM C518
- 01/T09 ASTM C653
- 01/T10 ASTM C687

NVLAP LAB CODE 100108-0

**TSI, Testing Services, Inc.**

1105 Riverbend Drive  
 P.O. Box 2041  
 Dalton, GA 30720  
 Contact: Mr. Erle W. Miles, Jr.  
 Phone: 706-226-1400  
 Fax: 706-226-6118

**Carpet and Carpet Cushion**

Accreditation Valid Through: December 31, 1997

NVLAP

Code Designation

**Tests Applicable to Carpet Cushion**

- 03/U01b ASTM D3676 (Secs. 10-12)
- 03/U02 ASTM D297
- 03/U08 ASTM D3574 (Test D)
- 03/U10 ASTM D3676 (Sec.13)
- 03/U12 ASTM D3676 (Sec.15)
- 03/U13 ASTM D3676 (Sec.16)

**Tests Applicable to Carpet and Carpet Cushion**

- 03/T01 AATCC 16 (Option E)
- 03/T02 ASTM D2646 (Secs. 16-24)
- 03/T04 16 CFR Part 1630 (FF-1-70)

**Tests Applicable to Carpets**

- 03/G03 AATCC 134
- 03/G04 AATCC 165
- 03/G05 ASTM D418 (Sec. 8)
- 03/G06 ASTM D418 (Sec. 9)
- 03/G07 ASTM D418 (Secs. 10-11)
- 03/G08 ASTM D418 (Sec. 13)
- 03/G09 ASTM D1335
- 03/G10 ASTM D3936
- 03/G12 ASTM E648
- 03/G13 ASTM E662
- 03/G14 Fed Spec, DDD-C-0095A

NVLAP LAB CODE 100109-0

**Owens Corning - Granville**

2790 Columbus Road, Route 16  
 Granville, OH 43023-1200  
 Contact: Mr. John M. Stair  
 Phone: 614-321-7053  
 Fax: 614-321-5161

**Thermal Insulation Materials**

Accreditation Valid Through: December 31, 1997

NVLAP

Code Designation

**Corrosiveness**

- 01/C01 ASTM C739 (Sec. 9)

**Flammability**

- 01/F02 ASTM E84
- 01/F05 ASTM E136
- 01/F07 16 CFR-Part 1209.6
- 01/F08 16 CFR-Part 1209.7

**Mass, Density, and Dimensional Stability**

- 01/D02 ASTM C167
- 01/D08 ASTM C302

- 01/D09 ASTM C303
- 01/D11 ASTM C356
- 01/D12 ASTM C411
- 01/D24 ASTM C739 (Sec. 12)
- 01/D27 ASTM C739 (Sec. 8)

**Related Material Properties**

- 01/V04 ASTM E96

**Strength**

- 01/S01a ASTM C165 (Proc. A only)
- 01/S02 ASTM C203
- 01/S08 ASTM C446

**Thermal Resistance**

- 01/T01 ASTM C177
- 01/T05 ASTM C335
- 01/T06 ASTM C518
- 01/T09 ASTM C653
- 01/T10 ASTM C687
- 01/T11 ASTM C976

NVLAP LAB CODE 100113-0

**Holometrix, Inc.**

25 Wiggins Avenue  
 Bedford, MA 01730-2323  
 Contact: Mr. Timothy Kunz  
 Phone: 617-275-3300 x245  
 Fax: 617-275-3705

**Thermal Insulation Materials**

Accreditation Valid Through: December 31, 1997

NVLAP

Code Designation

**Thermal Resistance**

- 01/T01 ASTM C177
- 01/T05 ASTM C335
- 01/T06 ASTM C518
- 01/T11 ASTM C976

NVLAP LAB CODE 100120-0

**Commercial Testing Company**

1215 South Hamilton Street  
 P.O. Box 985  
 Dalton, GA 30720  
 Contact: Mr. Jonathan Jackson  
 Phone: 706-278-3935  
 Fax: 706-278-3936

**Carpet and Carpet Cushion**

Accreditation Valid Through: December 31, 1997

NVLAP

Code Designation

**Tests Applicable to Carpet Cushion**

- 03/U01c ASTM D3574 (Sec. 8.2; Test A)/D3676 (Sec. 10-12)
- 03/U02 ASTM D297
- 03/U06 ASTM D1667 (Suffix B)
- 03/U07 ASTM D3574 (Test C)
- 03/U08 ASTM D3574 (Test D)
- 03/U09 ASTM D3574 (Test E)
- 03/U10 ASTM D3676 (Sec.13)
- 03/U11 ASTM D3676 (Sec.14)



03/U12 ASTM D3676 (Sec.15)

03/U13 ASTM D3676 (Sec.16)

**Tests Applicable to Carpet and Carpet Cushion**

03/T01 AATCC 16 (Option E)

03/T02 ASTM D2646 (Secs. 16-24)

03/T03 ASTM E84

03/T04 16 CFR Part 1630 (FF-1-70)

**Tests Applicable to Carpets**

03/G03 AATCC 134

03/G04 AATCC 165

03/G06 ASTM D418 (Sec. 9)

03/G07 ASTM D418 (Secs. 10-11)

03/G08 ASTM D418 (Sec. 13)

03/G09 ASTM D1335

03/G10 ASTM D3936

03/G12 ASTM E648

03/G13 ASTM E662

**NVLAP LAB CODE 100131-0**

**H.C. Nutting Company**

4120 Airport Road

P.O. Box "C"

Cincinnati, OH 45226-1675

Contact: Mr. Jerry L. Lindsey

Phone: 513-321-5816

Fax: 513-321-0294

**Construction Materials Testing**

Accreditation Valid Through: September 30, 1997

*NVLAP*

*Code Designation*

**Aggregates**

02/A03 ASTM C29

02/A04 ASTM C40

02/A06 ASTM C88

02/A07 ASTM C117

02/A08 ASTM C123

02/A09 ASTM C127

02/A10 ASTM C128

02/A11 ASTM C131

02/A12 ASTM C136

02/A13 ASTM C142

02/A15 ASTM D75

02/A16 ASTM D2419

02/A44 ASTM C566

02/A46 ASTM C535

**Concrete**

02/A01 ASTM C39

02/A02 ASTM C617

02/A40 ASTM C78

02/A41 ASTM C192

02/A43 ASTM C1064

02/A45 ASTM C42

02/A47 ASTM C457

02/A48 ASTM C856

02/G01 ASTM C31/C172/C143/C138/C231

02/G02 ASTM C173

**Standard Practices**

02/A38 ASTM E329

02/A39 ASTM C1077

**NVLAP LAB CODE 100139-0**

**American Carpet Laboratories, Inc.**

7517 Nashville Street

P.O. Box 357

Ringgold, GA 30736

Contact: Mr. Michael D. Connell

Phone: 706-935-5672

Fax: 706-891-5713

**Carpet and Carpet Cushion**

Accreditation Valid Through: December 31, 1997

*NVLAP*

*Code Designation*

**Tests Applicable to Carpet and Carpet Cushion**

03/T01 AATCC 16 (Option E)

03/T02 ASTM D2646 (Secs. 16-24)

03/T04 16 CFR Part 1630 (FF-1-70)

**Tests Applicable to Carpets**

03/G04 AATCC 165

03/G06 ASTM D418 (Sec. 9)

03/G07 ASTM D418 (Secs. 10-11)

03/G08 ASTM D418 (Sec. 13)

03/G09 ASTM D1335

03/G10 ASTM D3936

03/G12 ASTM E648

03/G13 ASTM E662

**NVLAP LAB CODE 100142-0**

**Geoscience Ltd.**

6260-B Marindustry Drive

San Diego, CA 92121

Contact: Dr. H. F. Poppendiek

Phone: 619-453-5483

Fax: 619-453-4694

**Thermal Insulation Materials**

Accreditation Valid Through: December 31, 1997

*NVLAP*

*Code Designation*

**Flammability**

01/F05 ASTM E136

**Thermal Resistance**

01/T01 ASTM C177

01/T04 ASTM C236

**NVLAP LAB CODE 100146-0**

**American Testing Laboratories, Inc.**

784 Flory Mill Road

P.O. Box 4014

Lancaster, PA 17604-4014

Contact: Mr. John S. Kassees

Phone: 717-569-0488

Fax: 717-569-3429

**Construction Materials Testing**

Accreditation Valid Through: March 31, 1997

*NVLAP*

*Code Designation*

**Aggregates**

02/A03	ASTM C29
02/A04	ASTM C40
02/A06	ASTM C88
02/A07	ASTM C117
02/A08	ASTM C123
02/A09	ASTM C127
02/A10	ASTM C128
02/A11	ASTM C131
02/A12	ASTM C136
02/A13	ASTM C142
02/A46	ASTM C535

**Concrete**

02/A01	ASTM C39
02/A02	ASTM C617
02/A41	ASTM C192
02/A43	ASTM C1064
02/A45	ASTM C42
02/G01	ASTM C31/C172/C143/C138/C231
02/G02	ASTM C173

**Soil and Rock**

02/L02	ASTM D422
02/L04	ASTM D698
02/L05	ASTM D854
02/L06	ASTM D1140
02/L11	ASTM D2166
02/L17	ASTM D2488
02/L20	ASTM D4318
02/L23	ASTM D2922
02/L25	ASTM D3017

**NVLAP LAB CODE 100156-0**

**Mohawk Industries, Inc.- Lyerly Plant**

Route 1, Box 32, Highway 114  
 Lyerly, GA 30730  
 Contact: Mr. Ronnie B. Bishop  
 Phone: 706-895-3341 x6318  
 Fax: 706-895-3341 x6277

**Carpet and Carpet Cushion**

Accreditation Valid Through: December 31, 1997

*NVLAP*

*Code Designation*

**Tests Applicable to Carpet and Carpet Cushion**

03/T01	AATCC 16 (Option E)
03/T02	ASTM D2646 (Secs. 16-24)
03/T04	16 CFR Part 1630 (FF-1-70)

**Tests Applicable to Carpets**

03/G04	AATCC 165
03/G05	ASTM D418 (Sec. 8)
03/G06	ASTM D418 (Sec. 9)
03/G07	ASTM D418 (Secs. 10-11)
03/G08	ASTM D418 (Sec. 13)
03/G09	ASTM D1335
03/G10	ASTM D3936

**NVLAP LAB CODE 100166-0**

**Independent Textile Testing Service, Inc.**

1503 Murray Avenue, P.O. Box 1948  
 Dalton, GA 30722-1948  
 Contact: Mr. L. Kent Suddeth  
 Phone: 706-278-3013  
 Fax: 706-272-7057  
 E-Mail: ittslab@dalton.net

**Carpet and Carpet Cushion**

Accreditation Valid Through: December 31, 1997

*NVLAP*

*Code Designation*

**Tests Applicable to Carpet Cushion**

03/U01c	ASTM D3574 (Sec. 8.2; Test A)/D3676 (Sec. 10-12)
03/U02	ASTM D297
03/U03	ASTM D629 (Sec. 10)
03/U04	ASTM D629 (Secs. 13-22)
03/U05	ASTM D629 (Secs. 23-27)
03/U06	ASTM D1667 (Suffix B)
03/U07	ASTM D3574 (Test C)
03/U08	ASTM D3574 (Test D)
03/U09	ASTM D3574 (Test E)
03/U10	ASTM D3676 (Sec. 13)
03/U11	ASTM D3676 (Sec. 14)
03/U12	ASTM D3676 (Sec. 15)
03/U13	ASTM D3676 (Sec. 16)

**Tests Applicable to Carpet and Carpet Cushion**

03/T01	AATCC 16 (Option E)
03/T02	ASTM D2646 (Secs. 16-24)
03/T04	16 CFR Part 1630 (FF-1-70)

**Tests Applicable to Carpets**

03/G01	AATCC 20
03/G02	AATCC 20A
03/G03	AATCC 134
03/G04	AATCC 165
03/G05	ASTM D418 (Sec. 8)
03/G06	ASTM D418 (Sec. 9)
03/G07	ASTM D418 (Secs. 10-11)
03/G08	ASTM D418 (Sec. 13)
03/G09	ASTM D1335
03/G10	ASTM D3936
03/G11	ASTM D5252
03/G12	ASTM E648
03/G13	ASTM E662
03/G14	Fed Spec, DDD-C-0095A

**NVLAP LAB CODE 100178-0**

**Mohawk Industries, Inc., Karastan Rug Mill Testing**

712 Henry Street  
 P.O. Box 130  
 Eden, NC 27289-0130  
 Contact: Mr. Charles B. Harrington  
 Phone: 910-623-6000 x3514  
 Fax: 910-623-1146

**Carpet and Carpet Cushion**

Accreditation Valid Through: March 31, 1997

*NVLAP*

*Code Designation*

**Tests Applicable to Carpet Cushion**

03/U01b ASTM D3676 (Secs. 10-12)

03/U10 ASTM D3676 (Sec.13)

**Tests Applicable to Carpet and Carpet Cushion**

03/T01 AATCC 16 (Option E)

03/T02 ASTM D2646 (Secs. 16-24)

03/T04 16 CFR Part 1630 (FF-1-70)

**Tests Applicable to Carpets**

03/G03 AATCC 134

03/G04 AATCC 165

03/G05 ASTM D418 (Sec. 8)

03/G06 ASTM D418 (Sec. 9)

03/G07 ASTM D418 (Secs. 10-11)

03/G08 ASTM D418 (Sec. 13)

03/G09 ASTM D1335

03/G10 ASTM D3936

03/G12 ASTM E648

03/G13 ASTM E662

03/G14 Fed Spec, DDD-C-0095A

**NVLAP LAB CODE 100190-0**

**Coronet Industries, Inc.**

1502 Coronet Drive

P.O. Box 1248

Dalton, GA 30722-1248

Contact: Mr. E. Ronald Vinyard

Phone: 706-259-4511 x1272

Fax: 706-259-4511 x1510

**Carpet and Carpet Cushion**

Accreditation Valid Through: December 31, 1997

*NVLAP*

*Code Designation*

**Tests Applicable to Carpet and Carpet Cushion**

03/T01 AATCC 16 (Option E)

03/T02 ASTM D2646 (Secs. 16-24)

03/T04 16 CFR Part 1630 (FF-1-70)

**Tests Applicable to Carpets**

03/G04 AATCC 165

03/G05 ASTM D418 (Sec. 8)

03/G06 ASTM D418 (Sec. 9)

03/G07 ASTM D418 (Secs. 10-11)

03/G08 ASTM D418 (Sec. 13)

03/G09 ASTM D1335

03/G10 ASTM D3936

**NVLAP LAB CODE 100191-0**

**STS Consultants, Ltd.**

1869 Techny Road

Northbrook, IL 60062

Contact: Mr. William P. Quinn

Phone: 847-267-8010

Fax: 847-272-8320

**Construction Materials Testing**

Accreditation Valid Through: December 31, 1997

*NVLAP*

*Code Designation*

**Aggregates**

02/A03 ASTM C29

02/A04 ASTM C40

02/A07 ASTM C117

02/A09 ASTM C127

02/A10 ASTM C128

02/A11 ASTM C131

02/A12 ASTM C136

02/A46 ASTM C535

**Concrete**

02/A01 ASTM C39

02/A02 ASTM C617

02/A40 ASTM C78

02/A45 ASTM C42

02/G01 ASTM C31/C172/C143/C138/C231

02/G02 ASTM C173

**Road and Paving Materials**

02/M12 ASTM D1559

02/M19 ASTM D2172

02/M24 ASTM D2041

**Soil and Rock**

02/L02 ASTM D422

02/L04 ASTM D698

02/L05 ASTM D854

02/L08 ASTM D1557

02/L10 ASTM D1883

02/L11 ASTM D2166

02/L13 ASTM D2216

02/L15 ASTM D2435

02/L17 ASTM D2488

02/L18 ASTM D3080

02/L20 ASTM D4318

02/L21 ASTM D2434

02/L22 ASTM D2850

02/L23 ASTM D2922

02/L29 Corps of Engineers - Manual

EM-1110-2-1906, Appendix VII, Permeability of Fine Grained Soils Using a Triaxial

Apparatus

02/L30 Corps of Engineers - Manual

EM-1110-2-1906, Appendix X, Consolidated Undrained and Consolidated Drained Triaxial

Test

02/L46 ASTM D5084

**Standard Practices**

02/A38 ASTM E329

02/A39 ASTM C1077

02/L32 ASTM D3740

NVLAP LAB CODE 100193-0

**Shaw Industries, Inc., Technical Services**

South Glenwood Avenue  
 P.O. Box 2128  
 Dalton, GA 30722-2128  
 Contact: Mr. Jerry T. Wright, Jr.  
 Phone: 706-275-2205  
 Fax: 706-275-2221

**Carpet and Carpet Cushion**

Accreditation Valid Through: June 30, 1997

*NVLAP*

*Code Designation*

**Tests Applicable to Carpet and Carpet Cushion**

- 03/T01 AATCC 16 (Option E)
- 03/T02 ASTM D2646 (Secs. 16-24)
- 03/T04 16 CFR Part 1630 (FF-1-70)

**Tests Applicable to Carpets**

- 03/G04 AATCC 165
- 03/G06 ASTM D418 (Sec. 9)
- 03/G07 ASTM D418 (Secs. 10-11)
- 03/G08 ASTM D418 (Sec. 13)
- 03/G09 ASTM D1335
- 03/G10 ASTM D3936
- 03/G12 ASTM E648
- 03/G13 ASTM E662

NVLAP LAB CODE 100197-0

**World Carpets, Inc.**

One World Plaza  
 P.O. Box 1448  
 Dalton, GA 30720-1448  
 Contact: Mr. Wayne Murdock  
 Phone: 706-278-8000  
 Fax: 706-278-4982

**Carpet and Carpet Cushion**

Accreditation Valid Through: December 31, 1997

*NVLAP*

*Code Designation*

**Tests Applicable to Carpet and Carpet Cushion**

- 03/T01 AATCC 16 (Option E)
- 03/T02 ASTM D2646 (Secs. 16-24)
- 03/T04 16 CFR Part 1630 (FF-1-70)

**Tests Applicable to Carpets**

- 03/G04 AATCC 165
- 03/G06 ASTM D418 (Sec. 9)
- 03/G07 ASTM D418 (Secs. 10-11)
- 03/G08 ASTM D418 (Sec. 13)
- 03/G09 ASTM D1335
- 03/G10 ASTM D3936

NVLAP LAB CODE 100210-0

**Insta-Foam Products, Inc.**

1500 Cedarwood Drive  
 Joliet, IL 60435-3187  
 Contact: Mr. Robert Braun  
 Phone: 815-741-6800 x560  
 Fax: 815-741-6822

**Thermal Insulation Materials**

Accreditation Valid Through: December 31, 1997

*NVLAP*

*Code Designation*

**Mass, Density, and Dimensional Stability**

- 01/D15 ASTM D756 (Proc. A)
- 01/D16 ASTM D756 (Proc. B)
- 01/D17 ASTM D756 (Proc. E)
- 01/D18 ASTM D1622
- 01/D19 ASTM D2126
- 01/D23 ASTM D2842

**Related Material Properties**

- 01/V04 ASTM E96

**Strength**

- 01/S02 ASTM C203
- 01/S07 ASTM C273
- 01/S11 ASTM D1621 (Proc. A)

**Thermal Resistance**

- 01/T06 ASTM C518

NVLAP LAB CODE 100227-0

**Riverbank Acoustical Laboratories**

1512 S. Batavia Avenue  
 P.O. Box 189  
 Geneva, IL 60134-3302  
 Contact: Mr. John W. Kopec  
 Phone: 708-232-0104  
 Fax: 708-232-0138

**Acoustical Testing Services**

Accreditation Valid Through: March 31, 1997

*NVLAP*

*Code Designation*

- 08/P03 ASTM C423
- 08/P05 ASTM C523
- 08/P06 ASTM E90
- 08/P07 ASTM E492
- 08/P10 ANSI S12.31 (ISO 3741)
- 08/P30 ASTM E1408



NVLAP LAB CODE 100228-0

**Armstrong Acoustic Labs, Armstrong World Ind., Inc. Innov. Center**

P.O. Box 3511  
 2500 Columbia Avenue  
 Lancaster, PA 17604  
 Contact: Mr. Robert Alan Hallman  
 Phone: 717-396-6225  
 Fax: 717-396-5865  
 E-Mail: RAHallman@Armstrong.com

**Acoustical Testing Services**

Accreditation Valid Through: December 31, 1997

*NVLAP*

<i>Code</i>	<i>Designation</i>
08/P03	ASTM C423
08/P07	ASTM E492
08/P28	ASTM E1375
08/P29	ASTM E1376
08/P33	ASTM E1111
08/P34	ASTM E1414 (AMA-1-II-67)

NVLAP LAB CODE 100239-0

**Hufcor Laboratory**

1017 South Jackson Street  
 P.O. Box 591  
 Janesville, WI 53547-0591  
 Contact: Mr. Stan Kowalczyk  
 Phone: 608-756-1241 x242  
 Fax: 608-756-1246

**Acoustical Testing Services**

Accreditation Valid Through: September 30, 1997

*NVLAP*

<i>Code</i>	<i>Designation</i>
08/P06	ASTM E90
08/P31	ASTM E336

NVLAP LAB CODE 100247-0

**Hollytex Carpet Mills, Inc.**

505 N.E. 7th  
 P.O. Box 369  
 Anadarko, OK 73005-2299  
 Contact: Mr. Joe Mayfield  
 Phone: 405-247-7453  
 Fax: 405-247-9303

**Carpet and Carpet Cushion**

Accreditation Valid Through: June 30, 1997

*NVLAP*

<i>Code</i>	<i>Designation</i>
<b>Tests Applicable to Carpet and Carpet Cushion</b>	
03/T01	AATCC 16 (Option E)
03/T04	16 CFR Part 1630 (FF-1-70)
<b>Tests Applicable to Carpets</b>	
03/G04	AATCC 165
03/G09	ASTM D1335
03/G10	ASTM D3936

NVLAP LAB CODE 100248-0

**Knauf Fiber Glass Research Laboratory**

240 Elizabeth Street  
 Shelbyville, IN 46176-1496  
 Contact: Mr. Timothy R. Jonas  
 Phone: 317-398-4434  
 Fax: 317-398-3675

**Thermal Insulation Materials**

Accreditation Valid Through: March 31, 1997

*NVLAP*

<i>Code</i>	<i>Designation</i>
<b>Mass, Density, and Dimensional Stability</b>	
01/D02	ASTM C167
01/D08	ASTM C302
01/D09	ASTM C303
01/D11	ASTM C356
01/D12	ASTM C411
01/D13	ASTM C519
<b>Strength</b>	
01/S01a	ASTM C165 (Proc. A only)
<b>Thermal Resistance</b>	
01/T01	ASTM C177
01/T05	ASTM C335
01/T06	ASTM C518
01/T09	ASTM C653
01/T10	ASTM C687

NVLAP LAB CODE 100251-0

**St. of California, Bur. of Home Furnishings & Thermal Insulation**

3485 Orange Grove Avenue  
 North Highlands, CA 95660-5595  
 Contact: Dr. Stephen J. Fischer  
 Phone: 916-574-2060  
 Fax: 921-574-2449

**Thermal Insulation Materials**

Accreditation Valid Through: June 30, 1997

*NVLAP*

<i>Code</i>	<i>Designation</i>
<b>Corrosiveness</b>	
01/C01	ASTM C739 (Sec. 9)
01/C02	16 CFR-Part 1209.5
<b>Flammability</b>	
01/F07	16 CFR-Part 1209.6
01/F08	16 CFR-Part 1209.7
01/F09	ASTM C739 (Sec. 10)
01/F10	ASTM C739 (Sec. 14)
<b>Mass, Density, and Dimensional Stability</b>	
01/D02	ASTM C167
01/D08	ASTM C302
01/D09	ASTM C303
01/D26	16 CFR-Part 1209.4
01/D27	ASTM C739 (Sec. 8)
<b>Thermal Resistance</b>	
01/T01	ASTM C177
01/T05	ASTM C335
01/T06	ASTM C518



NVLAP LAB CODE 100252-0

**D/L Laboratories**

116 East 16th Street  
 New York, NY 10003-2174  
 Contact: Mr. Saul Spindel  
 Phone: 212-777-4445  
 Fax: 212-505-8419

**Commercial Products Testing**

Accreditation Valid Through: December 31, 1997

*NVLAP*

*Code Designation*

**Building Seals and Sealants**

- 13/O01 ASTM C510
- 13/O02a ASTM C603
- 13/O02b CAN2-19.0-M77, Meth. 3.1
- 13/O03 ASTM C639
- 13/O04a ASTM C661
- 13/O04b CAN2-19.0-M77, Meth. 8.1
- 13/O05a ASTM C679
- 13/O05b CAN2-19.0-M77, Meth. 2.1
- 13/O11a ASTM C719
- 13/O11b CAN2-19.0-M77, Meth. 14.4
- 13/O12 ASTM C731
- 13/O13 ASTM C732
- 13/O14 ASTM C733
- 13/O15 ASTM C734
- 13/O16 ASTM C736
- 13/O19a ASTM C792
- 13/O19b CAN2-19.0-M77, Meth. 5.1
- 13/O20 ASTM C793
- 13/O21 ASTM C794
- 13/O23 ASTM D2202
- 13/O31 CAN2-19.0-M77, Meth. 7.1
- 13/O32 CAN2-19.0-M77, Meth. 7.3
- 13/O33 CAN2-19.0-M77, Meth. 8.2
- 13/O34 CAN2-19.0-M77, Meth. 11.1
- 13/O35 CAN2-19.0-M77, Meth. 14.7
- 13/O36 CAN2-19.0-M77, Meth. 19.2

**Paints and Related Coatings and Materials**

- 09/A01 ASTM D56
- 09/A02 ASTM D93
- 09/A04 ASTM D185
- 09/A07 ASTM D523
- 09/A08 ASTM D562
- 09/A12 ASTM D1210
- 09/A15 ASTM D1310
- 09/A17 ASTM D1475
- 09/A21 ASTM D3278
- 09/A22 ASTM D3363
- 09/A30 CGSB Method 1-GP-71, Meth. 10.1
- 09/A31 CGSB Method 1-GP-71, Meth. 12.8
- 09/A32 CGSB Method 1-GP-71, Meth. 45.1
- 09/B09 ASTM D711
- 09/B13a ASTM D968
- 09/B13b CGSB Method 1-GP-71 Meth. 104.1
- 09/B19 ASTM D1308
- 09/B19b CGSB Method 1-GP-71, Meth. 105.1
- 09/B19c CGSB Method 1-GP-71, Meth. 106.1
- 09/B19d CGSB Method 1-GP-71, Meth. 107.1

- 09/B19e CGSB Method 1-GP-71, Meth. 110.1
- 09/B23 ASTM D1640
- 09/B24 ASTM D522
- 09/B25 ASTM D2197
- 09/B29 ASTM D2486
- 09/B31 ASTM D2805
- 09/B32 ASTM D3273
- 09/B34 ASTM D3450
- 09/B37 ASTM D4060
- 09/B38 ASTM D4062
- 09/B43 ASTM D3359
- 09/B45 CGSB Method 1-GP-71, Meth. 14.1
- 09/B46a ASTM D1849
- 09/B46b CGSB Method 1-GP-71, Meth. 30.3
- 09/B47 CGSB Method 1-GP-71, Meth. 32.1
- 09/B48 CGSB Method 1-GP-71, Meth. 37.3
- 09/B49 CGSB Method 1-GP-71, Meth. 112.2
- 09/B50 CGSB Method 1-GP-71, Meth. 114.1
- 09/B52 CGSB Method 1-GP-71, Meth. 123.2
- 09/B53 CGSB Method 1-GP-71, Meth. 125.1
- 09/B54 CGSB Method 1-GP-71, Meth. 127.1
- 09/B55 CGSB Method 1-GP-71, Meth. 130.1
- 09/B56 CGSB Method 1-GP-71, Meth. 131.2
- 09/B57 CGSB Method 1-GP-71, Meth. 132.1
- 09/B58 CGSB Method 1-GP-71, Meth. 134.1
- 09/B60 CGSB Method 1-GP-71, Meth. 142.1
- 09/C26a ASTM D2369
- 09/C26b CGSB Method 1-GP-71, Meth. 17.1
- 09/C26c CGSB Method 1-GP-71, Meth. 19.1
- 09/C28 ASTM D2697
- 09/C29 ASTM D2698
- 09/C39 ASTM D3960
- 09/C40 ASTM D4017
- 09/C42 CGSB Method 1-GP-71, Meth. 21.1
- 09/C43 CGSB Method 1-GP-71, Meth. 24.1
- 09/C44 ASTM D5095
- 09/C45 CGSB Method 1-GP-71, Meth. 69.3
- 09/D01 ASTM B117
- 09/D14 ASTM G23
- 09/D16 ASTM G53

NVLAP LAB CODE 100255-0

**Underwriters Laboratories, Inc.**

1285 Walt Whitman Road  
 Melville, NY 11747-3081  
 Contact: Mr. Jim Beyreis  
 Phone: 708-272-8800  
 Fax: 708-272-8129

**FCC Test Methods**

Accreditation Valid Through: September 30, 1997

*NVLAP*

*Code Designation*

**Federal Communications Commission (FCC) Methods**

- 12/F01 FCC Method - 47 CFR Part 15 - Digital Devices
- 12/F01a Conducted Emissions, Power Lines, 450 KHz to 30 MHz
- 12/F01b Radiated Emissions
- 12/T01 Terminal Equipment Network Protection Standards, FCC Method - 47 CFR Part 68 -

12/T01a	Analog and Digital 68.302 (Par. c,d,e,f) Environmental simulation; 68.304 Leakage current limit.; 68.306 Hazardous voltage limit.; 68.308 Signal power limit.; 68.310 Longitudinal balance limit.; 68.312 On-hook impedance limit.; 68.314 Billing protection
12/T01b	68.316 Hearing Aid Compatibility: technical standards
12/T01c	68.302 Environmental simulation (Par. a,b)

**International Special Committee on Radio Interference  
(CISPR) Methods**

12/CIS22	IEC/CISPR 22:1993: Limits and methods of measurement of radio disturbance characteristics of information technology equipment
----------	--

NVLAP LAB CODE 100256-0

**Western Electro-Acoustic Lab., Inc.**

1711 16th Street  
Santa Monica, CA 90404  
Contact: Mr. Jose C. Ortega  
Phone: 213-870-9628  
Fax: 310-396-3424

**Acoustical Testing Services**

Accreditation Valid Through: March 31, 1997

*NVLAP*

*Code Designation*

08/P03	ASTM C423
08/P06	ASTM E90
08/P31	ASTM E336
08/P32	ASTM E1007

NVLAP LAB CODE 100259-0

**MacMillan Bloedel Packaging, Inc., Combined  
Board Test Lab**

Highway 10 East  
P.O. Box 336  
Pine Hill, AL 36769-5336  
Contact: Mr. William Milstead  
Phone: 334-963-4391  
Fax: 334-963-4887

**Commercial Products Testing**

Accreditation Valid Through: June 30, 1997

*NVLAP*

*Code Designation*

**Paper and Related Products**

09/E02	TAPPI T402-OM; ASTM D685
09/E05	TAPPI T410-OM
09/E06	TAPPI T411-OM
09/E07	TAPPI T412-OM; ASTM D644
09/E08	TAPPI T414-OM
09/E11	TAPPI T452-OM
09/E12	TAPPI T459-OM; ASTM D2482
09/E13	TAPPI T460-OM; ASTM D726
09/E19	TAPPI T538-OM
09/E20	TAPPI T809-OM

09/E22	TAPPI T807-OM
09/E25	TAPPI T826-PM
09/E26	TAPPI UM-524
09/E28	TAPPI T541-OM
09/E30	TAPPI T822-OM
09/H01	ASTM D642; TAPPI T804-OM
09/H26	TAPPI UM-807
09/H28	TAPPI T810-OM
09/H29	TAPPI T811-OM
09/H30	TAPPI T821-OM
09/H31	TAPPI T825-PM

NVLAP LAB CODE 100261-0

**Resources, Applications, Designs & Control, Inc.  
(RADCO)**

3220 E. 59th Street  
Long Beach, CA 90805-4502  
Contact: Mr. Michael L. Zieman Sr.  
Phone: 310-272-7231  
Fax: 310-529-7513

**Thermal Insulation Materials**

Accreditation Valid Through: December 31, 1997

*NVLAP*

*Code Designation*

**Mass, Density, and Dimensional Stability**

01/D07	ASTM C272
01/D09	ASTM C303
01/D19	ASTM D2126

**Related Material Properties**

01/V04	ASTM E96
--------	----------

**Strength**

01/S02	ASTM C203
01/S10	ASTM D828
01/S11	ASTM D1621 (Proc. A)

**Thermal Resistance**

01/T06	ASTM C518
--------	-----------

NVLAP LAB CODE 100267-0

**Retlif Testing Laboratories**

795 Marconi Avenue  
Ronkonkoma, NY 11779-7231  
Contact: Mr. Ross A. Hansen  
Phone: 516-737-1500  
Fax: 516-737-1497  
E-Mail: 72723.1447@compuserve.com

**FCC Test Methods**

Accreditation Valid Through: September 30, 1997

*NVLAP*

*Code Designation*

**AUSTEL Technical Standards as determined under the  
Telecommunications Act of 1991**

12/T42	TS-002
12/T43	TS-003
12/T44	TS-004
12/T45	TS-006
12/T46	TS-008

*Australian Standards referred to by clauses in AUSTEL*

**Technical Standards**

12/T51 AS-3548

**Federal Communications Commission (FCC) Methods**

- 12/F01 FCC Method - 47 CFR Part 15 - Digital Devices
- 12/F01a Conducted Emissions, Power Lines, 450 KHz to 30 MHz
- 12/F01b Radiated Emissions
- 12/T01 Terminal Equipment Network Protection Standards, FCC Method - 47 CFR Part 68 - Analog and Digital
- 12/T01a 68.302 (Par. c,d,e,f) Environmental simulation; 68.304 Leakage current limit.; 68.306 Hazardous voltage limit.; 68.308 Signal power limit.; 68.310 Longitudinal balance limit.; 68.312 On-hook impedance limit.; 68.314 Billing protection
- 12/T01b 68.316 Hearing Aid Compatibility: technical standards
- 12/T01c 68.302 Environmental simulation (Par. a,b)

**International Special Committee on Radio Interference (CISPR) Methods**

- 12/CIS22 IEC/CISPR 22:1993: Limits and methods of measurement of radio disturbance characteristics of information technology equipment

**MIL-STD-462 Test Methods**

Accreditation Valid Through: September 30, 1997

*NVLAP*

*Code Designation*

**Conducted Emissions:**

- 12/A01 MIL-STD-462 Method CE01
- 12/A04 MIL-STD-462 Method CE02
- 12/A06 MIL-STD-462 Method CE03
- 12/A08 MIL-STD-462 Method CE04
- 12/A12 MIL-STD-462 Method CE07

**Conducted Susceptibility:**

- 12/B01 MIL-STD-462 Method CS01
- 12/B02 MIL-STD-462 Method CS02
- 12/B05 MIL-STD-462 Method CS06
- 12/B08 MIL-STD-462 Method CS10
- 12/B09 MIL-STD-462 Method CS11

**Radiated Emissions:**

- 12/D01 MIL-STD-462 Method RE01
- 12/D02 MIL-STD-462 Method RE02

**Radiated Susceptibility:**

- 12/E01 MIL-STD-462 Method RS01
- 12/E02 MIL-STD-462 Method RS02
- 12/E04 MIL-STD-462 Method RS03 employing RADHAZ procedures for high level testing (Consult laboratory for field strengths available)
- 12/E05 MIL-STD-462 Method RS05
- 12/E07 MIL-STD-462 Method RS06

**NVLAP LAB CODE 100267-1**

**Retlif Testing Laboratories**

101 New Boston Road  
Goffstown, NH 03045  
Contact: John Monahan  
Phone: 603-497-4600  
Fax: 603-497-5281

**FCC Test Methods**

Accreditation Valid Through: September 30, 1997

*NVLAP*

*Code Designation*

**AUSTEL Technical Standards as determined under the Telecommunications Act of 1991**

- 12/T42 TS-002
- 12/T43 TS-003
- 12/T44 TS-004
- 12/T45 TS-006
- 12/T46 TS-008

*Australian Standards referred to by clauses in AUSTEL*

**Technical Standards**

12/T51 AS-3548

**Federal Communications Commission (FCC) Methods**

- 12/F01 FCC Method - 47 CFR Part 15 - Digital Devices
- 12/F01a Conducted Emissions, Power Lines, 450 KHz to 30 MHz
- 12/F01b Radiated Emissions

**International Special Committee on Radio Interference (CISPR) Methods**

- 12/CIS22 IEC/CISPR 22:1993: Limits and methods of measurement of radio disturbance characteristics of information technology equipment

**NVLAP LAB CODE 100268-0**

**TUV Product Service, Inc.**

10040 Mesa Rim Road  
San Diego, CA 92121  
Contact: Mr. John G. Smith  
Phone: 619-546-3999  
Fax: 619-546-0364  
E-Mail: jsmith@TUVps.com

**FCC Test Methods**

Accreditation Valid Through: December 31, 1997

*NVLAP*

*Code Designation*

**Federal Communications Commission (FCC) Methods**

- 12/F01 FCC Method - 47 CFR Part 15 - Digital Devices
- 12/F01a Conducted Emissions, Power Lines, 450 KHz to 30 MHz
- 12/F01b Radiated Emissions

**International Special Committee on Radio Interference (CISPR) Methods**

- 12/CIS22 IEC/CISPR 22:1993: Limits and methods of measurement of radio disturbance characteristics of information technology



equipment

**MIL-STD-462 Test Methods**

Accreditation Valid Through: December 31, 1997

NVLAP

Code Designation

**Conducted Emissions:**

- 12/A01 MIL-STD-462 Method CE01
- 12/A04 MIL-STD-462 Method CE02
- 12/A06 MIL-STD-462 Method CE03
- 12/A08 MIL-STD-462 Method CE04
- 12/A10 MIL-STD-462 Method CE06
- 12/A12 MIL-STD-462 Method CE07

**Conducted Susceptibility:**

- 12/B01 MIL-STD-462 Method CS01
- 12/B02 MIL-STD-462 Method CS02
- 12/B04 MIL-STD-462 Method  
CS03/CS04/CS05/CS08
- 12/B05 MIL-STD-462 Method CS06
- 12/B06 MIL-STD-462 Method CS07
- 12/B07 MIL-STD-462 Method CS09

**Radiated Emissions:**

- 12/D01 MIL-STD-462 Method RE01
- 12/D02 MIL-STD-462 Method RE02
- 12/D03 MIL-STD-462 Method RE03

**Radiated Susceptibility:**

- 12/E01 MIL-STD-462 Method RS01
- 12/E02 MIL-STD-462 Method RS02
- 12/E03 MIL-STD-462 Method RS03 (Consult  
laboratory for field strengths available)
- 12/E04 MIL-STD-462 Method RS03 employing  
RADHAZ procedures for high level testing  
(Consult laboratory for field strengths  
available)

**NVLAP LAB CODE 100269-0**

**Norand EMC Test Laboratory**

550 Second Street S.E.  
Cedar Rapids, IA 52401  
Contact: Mr. Cedric Brownfield  
Phone: 319-846-2415  
Fax: 319-846-2475  
E-Mail: brownfieldcn@norand.com

**FCC Test Methods**

Accreditation Valid Through: September 30, 1997

NVLAP

Code Designation

**Federal Communications Commission (FCC) Methods**

- 12/F01 FCC Method - 47 CFR Part 15 - Digital  
Devices
- 12/F01a Conducted Emissions, Power Lines, 450 KHz  
to 30 MHz
- 12/F01b Radiated Emissions

**International Special Committee on Radio Interference**

**(CISPR) Methods**

- 12/CIS22 IEC/CISPR 22:1993: Limits and methods of  
measurement of radio disturbance  
characteristics of information technology  
equipment

**NVLAP LAB CODE 100270-0**

**Inchcape Testing Services NA, Inc.**

593 Massachusetts Avenue  
Boxborough, MA 01719-1503  
Contact: Mr. Roland W. Gubisch  
Phone: 508-263-2662  
Fax: 508-263-7086  
E-Mail: rgubisch@std.world.com

**FCC Test Methods**

Accreditation Valid Through: September 30, 1997

NVLAP

Code Designation

**AUSTEL Technical Standards as determined under the  
Telecommunications Act of 1991**

- 12/T41 TS-001
- 12/T42 TS-002
- 12/T43 TS-003
- 12/T44 TS-004
- 12/T45 TS-006
- 12/T46 TS-008
- 12/T49 TS-016

**Australian Standards referred to by clauses in AUSTEL  
Technical Standards**

- 12/T51 AS-3548

**Federal Communications Commission (FCC) Methods**

- 12/F01 FCC Method - 47 CFR Part 15 - Digital  
Devices
- 12/F01a Conducted Emissions, Power Lines, 450 KHz  
to 30 MHz
- 12/F01b Radiated Emissions
- 12/T01 Terminal Equipment Network Protection  
Standards, FCC Method - 47 CFR Part 68 -  
Analog and Digital
- 12/T01a 68.302 (Par. c,d,e,f) Environmental simulation;  
68.304 Leakage current limit.; 68.306  
Hazardous voltage limit.; 68.308 Signal power  
limit.; 68.310 Longitudinal balance limit.;  
68.312 On-hook impedance limit.; 68.314  
Billing protection
- 12/T01b 68.316 Hearing Aid Compatibility: technical  
standards
- 12/T01c 68.302 Environmental simulation (Par. a,b)

**International Special Committee on Radio Interference  
(CISPR) Methods**

- 12/CIS22 IEC/CISPR 22:1993: Limits and methods of  
measurement of radio disturbance  
characteristics of information technology  
equipment

**MIL-STD-462 Test Methods**

Accreditation Valid Through: September 30, 1997

NVLAP

Code Designation

**Conducted Emissions:**

- 12/A01 MIL-STD-462 Method CE01
- 12/A04 MIL-STD-462 Method CE02
- 12/A06 MIL-STD-462 Method CE03
- 12/A08 MIL-STD-462 Method CE04

12/A10 MIL-STD-462 Method CE06  
 12/A12 MIL-STD-462 Method CE07  
**Conducted Susceptibility:**  
 12/B01 MIL-STD-462 Method CS01  
 12/B02 MIL-STD-462 Method CS02  
 12/B04 MIL-STD-462 Method  
 CS03/CS04/CS05/CS08  
 12/B05 MIL-STD-462 Method CS06  
 12/B06 MIL-STD-462 Method CS07  
 12/B07 MIL-STD-462 Method CS09  
 12/B08 MIL-STD-462 Method CS10  
 12/B09 MIL-STD-462 Method CS11  
 12/B10 MIL-STD-462 Method CS12  
 12/B11 MIL-STD-462 Method CS13

**Radiated Emissions:**  
 12/D01 MIL-STD-462 Method RE01  
 12/D02 MIL-STD-462 Method RE02  
 12/D03 MIL-STD-462 Method RE03

**Radiated Susceptibility:**  
 12/E01 MIL-STD-462 Method RS01  
 12/E02 MIL-STD-462 Method RS02  
 12/E03 MIL-STD-462 Method RS03 (Consult  
 laboratory for field strengths available)  
 12/E04 MIL-STD-462 Method RS03 employing  
 RADHAZ procedures for high level testing  
 (Consult laboratory for field strengths  
 available)  
 12/E05 MIL-STD-462 Method RS05  
 12/E07 MIL-STD-462 Method RS06

NVLAP LAB CODE 100271-0

**TUV Product Service, Inc.**

1775 Old Hwy. 8, Suite 104  
 New Brighton, MN 55112-1891  
 Contact: Mr. Timothy P. O'Shea  
 Phone: 612-631-2487  
 Fax: 612-638-0285  
 E-Mail: toshea@tuvps.com

**FCC Test Methods**

Accreditation Valid Through: September 30, 1997

*NVLAP*  
 Code Designation

*Australian Standards referred to by clauses in AUSTEL*

**Technical Standards**

12/T51 AS-3548

**Federal Communications Commission (FCC) Methods**

12/F01 FCC Method - 47 CFR Part 15 - Digital  
 Devices  
 12/F01a Conducted Emissions, Power Lines, 450 KHz  
 to 30 MHz  
 12/F01b Radiated Emissions

**International Special Committee on Radio Interference**

**(CISPR) Methods**

12/CIS22 IEC/CISPR 22:1993: Limits and methods of  
 measurement of radio disturbance  
 characteristics of information technology  
 equipment

**MIL-STD-462 Test Methods**

Accreditation Valid Through: September 30, 1997

*NVLAP*  
 Code Designation

**Conducted Emissions:**

12/A01 MIL-STD-462 Method CE01  
 12/A04 MIL-STD-462 Method CE02  
 12/A06 MIL-STD-462 Method CE03  
 12/A08 MIL-STD-462 Method CE04  
 12/A12 MIL-STD-462 Method CE07

**Conducted Susceptibility:**

12/B01 MIL-STD-462 Method CS01  
 12/B02 MIL-STD-462 Method CS02  
 12/B05 MIL-STD-462 Method CS06  
 12/B07 MIL-STD-462 Method CS09

**Radiated Emissions:**

12/D01 MIL-STD-462 Method RE01  
 12/D02 MIL-STD-462 Method RE02

**Radiated Susceptibility:**

12/E01 MIL-STD-462 Method RS01  
 12/E02 MIL-STD-462 Method RS02  
 12/E03 MIL-STD-462 Method RS03 (Consult  
 laboratory for field strengths available)  
 12/E04 MIL-STD-462 Method RS03 employing  
 RADHAZ procedures for high level testing  
 (Consult laboratory for field strengths  
 available)  
 12/E07 MIL-STD-462 Method RS06

NVLAP LAB CODE 100271-1

**TUV Product Service, Inc.**

40 Meadow Road - PWS  
 Lyons, CO 80540  
 Contact: Lyle F. Luttrell  
 Phone: 303-449-4165  
 Fax: 303-449-3004  
 E-Mail: lluttrell@tuvps.com

**FCC Test Methods**

Accreditation Valid Through: September 30, 1997

*NVLAP*  
 Code Designation

*Australian Standards referred to by clauses in AUSTEL*

**Technical Standards**

12/T51 AS-3548

**Federal Communications Commission (FCC) Methods**

12/F01 FCC Method - 47 CFR Part 15 - Digital  
 Devices  
 12/F01a Conducted Emissions, Power Lines, 450 KHz  
 to 30 MHz  
 12/F01b Radiated Emissions

**International Special Committee on Radio Interference**

**(CISPR) Methods**

12/CIS22 IEC/CISPR 22:1993: Limits and methods of  
 measurement of radio disturbance  
 characteristics of information technology  
 equipment



**INDEX D. LISTING OF TESTING LABORATORIES BY NVLAP LAB CODE - continued**

**NVLAP LAB CODE 100272-0**

**Communication Certification Laboratory**

1940 West Alexander Street  
Salt Lake City, UT 84119-2039  
Contact: Mr. William S. Hurst  
Phone: 801-972-6146  
Fax: 801-972-8432  
E-Mail: wsh@cclab.com

**FCC Test Methods**

Accreditation Valid Through: September 30, 1997

*NVLAP*

*Code Designation*

**Federal Communications Commission (FCC) Methods**

- 12/F01 FCC Method - 47 CFR Part 15 - Digital Devices
- 12/F01a Conducted Emissions, Power Lines, 450 KHz to 30 MHz
- 12/F01b Radiated Emissions
- 12/T01 Terminal Equipment Network Protection Standards, FCC Method - 47 CFR Part 68 - Analog and Digital
- 12/T01a 68.302 (Par. c,d,e,f) Environmental simulation; 68.304 Leakage current limit.; 68.306 Hazardous voltage limit.; 68.308 Signal power limit.; 68.310 Longitudinal balance limit.; 68.312 On-hook impedance limit.; 68.314 Billing protection
- 12/T01b 68.316 Hearing Aid Compatibility: technical standards
- 12/T01c 68.302 Environmental simulation (Par. a,b)

**NVLAP LAB CODE 100273-0**

**MET Laboratories, Inc.**

914 W. Patapsco Avenue  
Baltimore, MD 21230-3432  
Contact: Mr. Robert Frier  
Phone: 410-354-3300  
Fax: 410-354-3313  
E-Mail: rfrier@metlabs.com

**FCC Test Methods**

Accreditation Valid Through: September 30, 1997

*NVLAP*

*Code Designation*

**AUSTEL Technical Standards as determined under the Telecommunications Act of 1991**

- 12/T41 TS-001
  - 12/T42 TS-002
  - 12/T43 TS-003
  - 12/T44 TS-004
  - 12/T45 TS-006
  - 12/T46 TS-008
  - 12/T49 TS-016
- Australian Standards referred to by clauses in AUSTEL Technical Standards**
- 12/T50 AS-3260
  - 12/T51 AS-3548

**Federal Communications Commission (FCC) Methods**

- 12/F01 FCC Method - 47 CFR Part 15 - Digital Devices
  - 12/F01a Conducted Emissions, Power Lines, 450 KHz to 30 MHz
  - 12/F01b Radiated Emissions
  - 12/T01 Terminal Equipment Network Protection Standards, FCC Method - 47 CFR Part 68 - Analog and Digital
  - 12/T01a 68.302 (Par. c,d,e,f) Environmental simulation; 68.304 Leakage current limit.; 68.306 Hazardous voltage limit.; 68.308 Signal power limit.; 68.310 Longitudinal balance limit.; 68.312 On-hook impedance limit.; 68.314 Billing protection
  - 12/T01b 68.316 Hearing Aid Compatibility: technical standards
  - 12/T01c 68.302 Environmental simulation (Par. a,b)
- International Special Committee on Radio Interference (CISPR) Methods**
- 12/CIS22 IEC/CISPR 22:1993: Limits and methods of measurement of radio disturbance characteristics of information technology equipment

**NVLAP LAB CODE 100274-0**

**Inchcape Testing Services NA, Inc.**

731 Enterprise Drive  
Lexington, KY 40510-1029  
Contact: Mr. Clifford Eugene Jones  
Phone: 606-226-1060  
Fax: 606-225-1050

**FCC Test Methods**

Accreditation Valid Through: September 30, 1997

*NVLAP*

*Code Designation*

**Federal Communications Commission (FCC) Methods**

- 12/F01 FCC Method - 47 CFR Part 15 - Digital Devices
- 12/F01a Conducted Emissions, Power Lines, 450 KHz to 30 MHz
- 12/F01b Radiated Emissions
- 12/T01 Terminal Equipment Network Protection Standards, FCC Method - 47 CFR Part 68 - Analog and Digital
- 12/T01a 68.302 (Par. c,d,e,f) Environmental simulation; 68.304 Leakage current limit.; 68.306 Hazardous voltage limit.; 68.308 Signal power limit.; 68.310 Longitudinal balance limit.; 68.312 On-hook impedance limit.; 68.314 Billing protection
- 12/T01b 68.316 Hearing Aid Compatibility: technical standards
- 12/T01c 68.302 Environmental simulation (Par. a,b)

NVLAP LAB CODE 100275-0

**Lucent Technologies, Global Product Compliance Lab**

101 Crawfords Corner Road, M/S 11C-165  
 P.O. Box 3030  
 Holmdel, NJ 07733-3030  
 Contact: Mr. D. N. Heirman  
 Phone: 908-834-1801  
 Fax: 908-834-1807

**FCC Test Methods**

Accreditation Valid Through: September 30, 1997

*NVLAP*

*Code Designation*

**AUSTEL Technical Standards as determined under the Telecommunications Act of 1991**

12/T41 TS-001  
 12/T42 TS-002  
 12/T44 TS-004  
 12/T45 TS-006  
 12/T46 TS-008

**Australian Standards referred to by clauses in AUSTEL Technical Standards**

12/T51 AS-3548

**Federal Communications Commission (FCC) Methods**

12/F01 FCC Method - 47 CFR Part 15 - Digital Devices  
 12/F01a Conducted Emissions, Power Lines, 450 KHz to 30 MHz  
 12/F01b Radiated Emissions

**International Special Committee on Radio Interference (CISPR) Methods**

12/CIS22 IEC/CISPR 22:1993: Limits and methods of measurement of radio disturbance characteristics of information technology equipment

NVLAP LAB CODE 100276-0

**D.L.S. Electronic Systems, Inc.**

1250 Peterson Drive  
 Wheeling, IL 60090-6454  
 Contact: Mr. Brian J. Mattson  
 Phone: 847-537-6400  
 Fax: 847-537-6488

**FCC Test Methods**

Accreditation Valid Through: September 30, 1997

*NVLAP*

*Code Designation*

**Federal Communications Commission (FCC) Methods**

12/F01 FCC Method - 47 CFR Part 15 - Digital Devices  
 12/F01a Conducted Emissions, Power Lines, 450 KHz to 30 MHz  
 12/F01b Radiated Emissions

**International Special Committee on Radio Interference (CISPR) Methods**

12/CIS22 IEC/CISPR 22:1993: Limits and methods of measurement of radio disturbance characteristics of information technology equipment

NVLAP LAB CODE 100278-0

**Elite Electronic Engineering Company**

1516 Centre Circle  
 Downers Grove, IL 60515-1082  
 Contact: Mr. Raymond Klouda  
 Phone: 630-495-9770  
 Fax: 630-495-9785

**FCC Test Methods**

Accreditation Valid Through: September 30, 1997

*NVLAP*

*Code Designation*

**Federal Communications Commission (FCC) Methods**

12/F01 FCC Method - 47 CFR Part 15 - Digital Devices  
 12/F01a Conducted Emissions, Power Lines, 450 KHz to 30 MHz  
 12/F01b Radiated Emissions  
 12/T01 Terminal Equipment Network Protection Standards, FCC Method - 47 CFR Part 68 - Analog and Digital  
 12/T01a 68.302 (Par. c,d,e,f) Environmental simulation; 68.304 Leakage current limit.; 68.306 Hazardous voltage limit.; 68.308 Signal power limit.; 68.310 Longitudinal balance limit.; 68.312 On-hook impedance limit.; 68.314 Billing protection  
 12/T01b 68.316 Hearing Aid Compatibility: technical standards  
 12/T01c 68.302 Environmental simulation (Par. a,b)

**MIL-STD-462 Test Methods**

Accreditation Valid Through: September 30, 1997

*NVLAP*

*Code Designation*

**Conducted Emissions:**

12/A01 MIL-STD-462 Method CE01  
 12/A04 MIL-STD-462 Method CE02  
 12/A06 MIL-STD-462 Method CE03  
 12/A08 MIL-STD-462 Method CE04  
 12/A10 MIL-STD-462 Method CE06  
 12/A12 MIL-STD-462 Method CE07

**Conducted Susceptibility:**

12/B01 MIL-STD-462 Method CS01  
 12/B02 MIL-STD-462 Method CS02  
 12/B04 MIL-STD-462 Method CS03/CS04/CS05/CS08  
 12/B05 MIL-STD-462 Method CS06  
 12/B06 MIL-STD-462 Method CS07  
 12/B07 MIL-STD-462 Method CS09  
 12/B08 MIL-STD-462 Method CS10  
 12/B09 MIL-STD-462 Method CS11

12/B10 MIL-STD-462 Method CS12  
 12/B11 MIL-STD-462 Method CS13

**Radiated Emissions:**

12/D01 MIL-STD-462 Method RE01  
 12/D02 MIL-STD-462 Method RE02  
 12/D03 MIL-STD-462 Method RE03

**Radiated Susceptibility:**

12/E01 MIL-STD-462 Method RS01  
 12/E02 MIL-STD-462 Method RS02  
 12/E04 MIL-STD-462 Method RS03 employing  
 RADHAZ procedures for high level testing  
 (Consult laboratory for field strengths  
 available)  
 12/E05 MIL-STD-462 Method RS05  
 12/E07 MIL-STD-462 Method RS06

**NVLAP LAB CODE 100280-0**

**R & B Enterprises**

20 Clipper Road  
 West Conshohocken, PA 19428-2721  
 Contact: Mr. Finbarr M. O'Connor, Jr.  
 Phone: 610-825-1960  
 Fax: 610-825-1684  
 E-Mail: EMC@RBITEM.COM

**MIL-STD-462 Test Methods**

Accreditation Valid Through: September 30, 1997

*NVLAP*

*Code Designation*

**Conducted Emissions:**

12/A01 MIL-STD-462 Method CE01  
 12/A06 MIL-STD-462 Method CE03  
 12/A10 MIL-STD-462 Method CE06  
 12/A12 MIL-STD-462 Method CE07

**Conducted Susceptibility:**

12/B01 MIL-STD-462 Method CS01  
 12/B02 MIL-STD-462 Method CS02  
 12/B05 MIL-STD-462 Method CS06  
 12/B06 MIL-STD-462 Method CS07  
 12/B07 MIL-STD-462 Method CS09  
 12/B08 MIL-STD-462 Method CS10  
 12/B09 MIL-STD-462 Method CS11  
 12/B10 MIL-STD-462 Method CS12  
 12/B11 MIL-STD-462 Method CS13

**Radiated Emissions:**

12/D01 MIL-STD-462 Method RE01  
 12/D02 MIL-STD-462 Method RE02

**Radiated Susceptibility:**

12/E01 MIL-STD-462 Method RS01  
 12/E02 MIL-STD-462 Method RS02  
 12/E04 MIL-STD-462 Method RS03 employing  
 RADHAZ procedures for high level testing  
 (Consult laboratory for field strengths  
 available)  
 12/E05 MIL-STD-462 Method RS05

**FCC Test Methods**

Accreditation Valid Through: September 30, 1997

*NVLAP*

*Code Designation*

*Australian Standards referred to by clauses in AUSTEL*

*Technical Standards*

12/T51 AS-3548

*Federal Communications Commission (FCC) Methods*

12/F01 FCC Method - 47 CFR Part 15 - Digital  
 Devices

12/F01a Conducted Emissions, Power Lines. 450 KHz  
 to 30 MHz

12/F01b Radiated Emissions

**NVLAP LAB CODE 100284-0**

**Amoco Foam Products Quality Management  
 Laboratory**

2907 Log Cabin Drive  
 Smyrna, GA 30080  
 Contact: Mr. Melvin Richardson  
 Phone: 404-350-1415  
 Fax: 404-350-1515

**Thermal Insulation Materials**

Accreditation Valid Through: March 31, 1997

*NVLAP*

*Code Designation*

**Related Material Properties**

01/V04 ASTM E96

**Thermal Resistance**

01/T06 ASTM C518

**NVLAP LAB CODE 100286-0**

**Acoustic Systems Acoustical Research Facility**

415 East St. Elmo Road  
 P.O. Box 3610  
 Austin, TX 78764  
 Contact: Mr. John Harrington  
 Phone: 512-444-1961  
 Fax: 512-444-2282  
 E-Mail: ebbtide@mail.utexas.edu, acoustic@inetport.com

**Acoustical Testing Services**

Accreditation Valid Through: June 30, 1997

*NVLAP*

*Code Designation*

08/P03 ASTM C423

08/P06 ASTM E90

08/P08 ASTM E596

08/P10 ANSI S12.31 (ISO 3741)

08/P24 ANSI S12.10 (ISO 7779)

08/P35 ASTM E1050

**NVLAP LAB CODE 100288-0**

**Bentley Testing Laboratory**

14641 E. Don Julian Road  
 P.O. Box 527  
 City of Industry, CA 91746-3106  
 Contact: Ms. Sandy Kolby  
 Phone: 818-333-4585  
 Fax: 818-333-4125



**INDEX D. LISTING OF TESTING LABORATORIES BY NVLAP LAB CODE - continued**

**Carpet and Carpet Cushion**

Accreditation Valid Through: September 30, 1997

*NVLAP*

*Code Designation*

**Tests Applicable to Carpet and Carpet Cushion**

- 03/T01 AATCC 16 (Option E)
- 03/T04 16 CFR Part 1630 (FF-1-70)

**Tests Applicable to Carpets**

- 03/G04 AATCC 165
- 03/G05 ASTM D418 (Sec. 8)
- 03/G06 ASTM D418 (Sec. 9)
- 03/G07 ASTM D418 (Secs. 10-11)
- 03/G08 ASTM D418 (Sec. 13)
- 03/G09 ASTM D1335
- 03/G10 ASTM D3936
- 03/G12 ASTM E648
- 03/G13 ASTM E662

**NVLAP LAB CODE 100290-0**

**Akzo Kashima Ltd., Kashima EMC Site**

1 Oaza Sunayama, Hasaki, Kashima-gun  
Ibaraki 314-02  
JAPAN  
Contact: Mr. Shuichi Kobayashi  
Phone: +81-479-46-2771  
Fax: +81-479-46-1788

**FCC Test Methods**

Accreditation Valid Through: December 31, 1997

*NVLAP*

*Code Designation*

**Federal Communications Commission (FCC) Methods**

- 12/F01 FCC Method - 47 CFR Part 15 - Digital Devices
- 12/F01a Conducted Emissions, Power Lines, 450 KHz to 30 MHz
- 12/F01b Radiated Emissions

**International Special Committee on Radio Interference (CISPR) Methods**

- 12/CIS22 IEC/CISPR 22:1993: Limits and methods of measurement of radio disturbance characteristics of information technology equipment

**NVLAP LAB CODE 100290-1**

**Akzo Kashima Ltd., Yokohama Test Center**

2-30 Hatsunecho, Naka-ku  
Yokohama 231  
JAPAN  
Contact: Tomohiro Kuriyama  
Phone: +81-45-251-8300  
Fax: +81-45-251-8377

**FCC Test Methods**

Accreditation Valid Through: December 31, 1997

*NVLAP*

*Code Designation*

**Federal Communications Commission (FCC) Methods**

- 12/F01 FCC Method - 47 CFR Part 15 - Digital

**Devices**

- 12/F01a Conducted Emissions, Power Lines, 450 KHz to 30 MHz
- 12/F01b Radiated Emissions
- 12/T01 Terminal Equipment Network Protection Standards, FCC Method - 47 CFR Part 68 - Analog and Digital
- 12/T01a 68.302 (Par. c,d,e,f) Environmental simulation; 68.304 Leakage current limit.; 68.306 Hazardous voltage limit.; 68.308 Signal power limit.; 68.310 Longitudinal balance limit.; 68.312 On-hook impedance limit.; 68.314 Billing protection
- 12/T01b 68.316 Hearing Aid Compatibility: technical standards
- 12/T01c 68.302 Environmental simulation (Par. a,b)

**NVLAP LAB CODE 100290-2**

**Akzo Kashima Ltd. Kakegawa EMC Test Site**

322 Shimotaruki, Kakegawa  
Shizuoka 436-02  
JAPAN  
Contact: Seiji Matsuda  
Phone: +81-837-24-8191  
Fax: +81-537-24-8193

**FCC Test Methods**

Accreditation Valid Through: December 31, 1997

*NVLAP*

*Code Designation*

**Federal Communications Commission (FCC) Methods**

- 12/F01 FCC Method - 47 CFR Part 15 - Digital Devices
- 12/F01a Conducted Emissions, Power Lines, 450 KHz to 30 MHz
- 12/F01b Radiated Emissions

**International Special Committee on Radio Interference (CISPR) Methods**

- 12/CIS22 IEC/CISPR 22:1993: Limits and methods of measurement of radio disturbance characteristics of information technology equipment

**NVLAP LAB CODE 100290-3**

**Akzo Kashima Ltd., Nagano EMC Test Site**

3226 Yokokawa, Tatsuno, Kamina-gun  
Nagano 399-05  
JAPAN  
Contact: Yoshio Kowase  
Phone: +81-266-47-5311  
Fax: +81-266-47-5540

**FCC Test Methods**

Accreditation Valid Through: December 31, 1997

*NVLAP*

*Code Designation*

**Federal Communications Commission (FCC) Methods**

- 12/F01 FCC Method - 47 CFR Part 15 - Digital



12/F01a Devices  
Conducted Emissions, Power Lines, 450 KHz  
to 30 MHz

12/F01b Radiated Emissions

**International Special Committee on Radio Interference (CISPR) Methods**

12/CIS22 IEC/CISPR 22:1993: Limits and methods of measurement of radio disturbance characteristics of information technology equipment

NVLAP LAB CODE 100290-4

**Akzo Kashima Ltd., Matsuda EMC Test Site**

1283 Yadorigi, Matsuda, Ashigarakami-gun  
Kanagawa 258  
JAPAN  
Contact: Hideki Hayashi  
Phone: +81-465-89-2316  
Fax: +81-465-89-2160

**FCC Test Methods**

Accreditation Valid Through: December 31, 1997

NVLAP

Code Designation

**Federal Communications Commission (FCC) Methods**

12/F01 FCC Method - 47 CFR Part 15 - Digital  
Devices

12/F01a Conducted Emissions, Power Lines, 450 KHz  
to 30 MHz

12/F01b Radiated Emissions

**International Special Committee on Radio Interference (CISPR) Methods**

12/CIS22 IEC/CISPR 22:1993: Limits and methods of measurement of radio disturbance characteristics of information technology equipment

NVLAP LAB CODE 100290-5

**Akzo Kashima Ltd., Tochigi EMC Test Site**

870 Nakaawano, Awano, Kamitsuga-gun  
Tochigi 322-03  
JAPAN  
Contact: Kazuharu Yanagisawa  
Phone: +81-289-86-7121  
Fax: +81-289-86-7126

**FCC Test Methods**

Accreditation Valid Through: December 31, 1997

NVLAP

Code Designation

**Federal Communications Commission (FCC) Methods**

12/F01 FCC Method - 47 CFR Part 15 - Digital  
Devices

12/F01a Conducted Emissions, Power Lines, 450 KHz  
to 30 MHz

12/F01b Radiated Emissions

**International Special Committee on Radio Interference (CISPR) Methods**

12/CIS22 IEC/CISPR 22:1993: Limits and methods of measurement of radio disturbance characteristics of information technology equipment

NVLAP LAB CODE 100296-0

**Chomerics Test Services (CTS)**

77 Dragon Court  
Woburn, MA 01888-4014  
Contact: Mr. David C. Inman  
Phone: 617-935-4850  
Fax: 617-935-2758  
E-Mail: CHORTS@AOL.com

**FCC Test Methods**

Accreditation Valid Through: June 30, 1997

NVLAP

Code Designation

**Australian Standards referred to by clauses in AUSTEL**

**Technical Standards**

12/T51 AS-3548

**Federal Communications Commission (FCC) Methods**

12/F01 FCC Method - 47 CFR Part 15 - Digital  
Devices

12/F01a Conducted Emissions, Power Lines, 450 KHz  
to 30 MHz

12/F01b Radiated Emissions

**International Special Committee on Radio Interference (CISPR) Methods**

12/CIS22 IEC/CISPR 22:1993: Limits and methods of measurement of radio disturbance characteristics of information technology equipment

NVLAP LAB CODE 100297-0

**Professional Testing Laboratory, Inc.**

714 Glenwood Place  
Dalton, GA 30721  
Contact: Mr. Greg Phillips  
Phone: 706-226-3283  
Fax: 706-226-6787

**Carpet and Carpet Cushion**

Accreditation Valid Through: June 30, 1997

NVLAP

Code Designation

**Tests Applicable to Carpet Cushion**

03/U01c ASTM D3574(Sec. 8.2; Test A)/D3676 (Sec. 10-12)

03/U02 ASTM D297

03/U03 ASTM D629 (Sec. 10)

03/U04 ASTM D629 (Secs. 13-22)

03/U05 ASTM D629 (Secs. 23-27)

03/U06 ASTM D1667 (Suffix B)

03/U07 ASTM D3574 (Test C)

03/U08 ASTM D3574 (Test D)

03/U09 ASTM D3574 (Test E)

03/U10 ASTM D3676 (Sec.13)

**INDEX D. LISTING OF TESTING LABORATORIES BY NVLAP LAB CODE - continued**

03/U11 ASTM D3676 (Sec.14)  
 03/U12 ASTM D3676 (Sec.15)  
 03/U13 ASTM D3676 (Sec.16)  
**Tests Applicable to Carpet and Carpet Cushion**  
 03/T01 AATCC 16 (Option E)  
 03/T02 ASTM D2646 (Secs. 16-24)  
 03/T04 16 CFR Part 1630 (FF-1-70)

**Tests Applicable to Carpets**

03/G01 AATCC 20  
 03/G02 AATCC 20A  
 03/G03 AATCC 134  
 03/G04 AATCC 165  
 03/G05 ASTM D418 (Sec. 8)  
 03/G06 ASTM D418 (Sec. 9)  
 03/G07 ASTM D418 (Secs. 10-11)  
 03/G08 ASTM D418 (Sec. 13)  
 03/G09 ASTM D1335  
 03/G10 ASTM D3936  
 03/G12 ASTM E648  
 03/G13 ASTM E662

**NVLAP LAB CODE 100308-0**

**Special Testing Laboratories, Inc.**

21 Henry Street  
 P.O. Box 200  
 Bethel, CT 06801-0200  
 Contact: Mr. Richard Speciale  
 Phone: 203-743-7281  
 Fax: 203-791-2451

**Construction Materials Testing**

Accreditation Valid Through: December 31, 1997

*NVLAP*

*Code Designation*

**Aggregates**

02/A03 ASTM C29  
 02/A04 ASTM C40  
 02/A06 ASTM C88  
 02/A07 ASTM C117  
 02/A09 ASTM C127  
 02/A10 ASTM C128  
 02/A11 ASTM C131  
 02/A12 ASTM C136  
 02/A15 ASTM D75  
 02/A15 ASTM D75  
 02/A44 ASTM C566

**Concrete**

02/A01 ASTM C39  
 02/A02 ASTM C617  
 02/A40 ASTM C78  
 02/A41 ASTM C192  
 02/A43 ASTM C1064  
 02/A45 ASTM C42  
 02/G01 ASTM C31/C172/C143/C138/C231  
 02/G02 ASTM C173

**Road and Paving Materials**

02/M25 ASTM D2726

**Soil and Rock**

02/L02 ASTM D422  
 02/L04 ASTM D698  
 02/L06 ASTM D1140

02/L07 ASTM D1556  
 02/L08 ASTM D1557  
 02/L09 ASTM D1558  
 02/L12 ASTM D2168  
 02/L13 ASTM D2216  
 02/L16 ASTM D2487  
 02/L17 ASTM D2488  
 02/L20 ASTM D4318  
 02/L31 ASTM D2167

**Standard Practices**

02/A38 ASTM E329  
 02/A39 ASTM C1077

**NVLAP LAB CODE 100313-0**

**Washington Metropolitan Area Transit Authority**

**QLAS Laboratory**

600 Fifth Street, N.W.  
 Washington, DC 20001  
 Contact: Mr. R. Louis Viner, Jr.  
 Phone: 202-832-2997  
 Fax: 202-832-2995  
 E-Mail: LViner@WMATA.COM

**Construction Materials Testing**

Accreditation Valid Through: December 31, 1997

*NVLAP*

*Code Designation*

**Aggregates**

02/A04 ASTM C40  
 02/A07 ASTM C117  
 02/A09 ASTM C127  
 02/A12 ASTM C136  
 02/A15 ASTM D75

**Concrete**

02/A01 ASTM C39  
 02/A02 ASTM C617  
 02/A40 ASTM C78  
 02/A43 ASTM C1064  
 02/G01 ASTM C31/C172/C143/C138/C231  
 02/G02 ASTM C173

**Soil and Rock**

02/L04 ASTM D698  
 02/L08 ASTM D1557  
 02/L12 ASTM D2168  
 02/L13 ASTM D2216  
 02/L20 ASTM D4318  
 02/L23 ASTM D2922  
 02/L25 ASTM D3017

**Standard Practices**

02/A39 ASTM C1077

**NVLAP LAB CODE 100315-0**

**Eastern Materials Testing Laboratory**

321 Ellis Street  
 New Britain, CT 06051  
 Contact: Mr. Kevin J. Brigandi  
 Phone: 860-224-3316  
 Fax: 860-229-9567  
 E-Mail: kbrigandi@aol.com or emtl@aol.com

**Construction Materials Testing**

Accreditation Valid Through: June 30, 1997

NVLAP

Code Designation

**Aggregates**

02/A03 ASTM C29  
 02/A04 ASTM C40  
 02/A07 ASTM C117  
 02/A09 ASTM C127  
 02/A10 ASTM C128  
 02/A12 ASTM C136

**Cement**

02/A17 ASTM C109

**Concrete**

02/A01 ASTM C39  
 02/A02 ASTM C617  
 02/A41 ASTM C192  
 02/A43 ASTM C1064  
 02/A45 ASTM C42  
 02/G01 ASTM C31/C172/C143/C138/C231  
 02/G02 ASTM C173

**Soil and Rock**

02/L02 ASTM D422  
 02/L04 ASTM D698  
 02/L06 ASTM D1140  
 02/L08 ASTM D1557  
 02/L12 ASTM D2168  
 02/L13 ASTM D2216  
 02/L20 ASTM D4318  
 02/L23 ASTM D2922  
 02/L25 ASTM D3017  
 02/L31 ASTM D2167

**Standard Practices**

02/A39 ASTM C1077

**NVLAP LAB CODE 100316-0**

**Independent Materials Testing Laboratories, Inc.**

57 N. Washington Street  
 P.O. Box 745  
 Plainville, CT 06062-0745  
 Contact: Mr. David P. Aiudi  
 Phone: 203-525-7193  
 Fax: 203-747-6455

**Construction Materials Testing**

Accreditation Valid Through: March 31, 1997

NVLAP

Code Designation

**Aggregates**

02/A03 ASTM C29  
 02/A04 ASTM C40  
 02/A06 ASTM C88  
 02/A07 ASTM C117  
 02/A08 ASTM C123  
 02/A09 ASTM C127  
 02/A10 ASTM C128  
 02/A11 ASTM C131  
 02/A12 ASTM C136  
 02/A13 ASTM C142  
 02/A15 ASTM D75

02/A44 ASTM C566

**Cement**

02/A26 ASTM C191  
 02/A31 ASTM C305

**Concrete**

02/A01 ASTM C39  
 02/A02 ASTM C617  
 02/A41 ASTM C192  
 02/A43 ASTM C1064  
 02/G01 ASTM C31/C172/C143/C138/C231  
 02/G02 ASTM C173

**Geotextiles**

02/L28 ASTM D4354

**Road and Paving Materials**

02/M08 ASTM D979  
 02/M11 ASTM D1188  
 02/M19 ASTM D2172  
 02/M24 ASTM D2041  
 02/M25 ASTM D2726

**Soil and Rock**

02/L01 ASTM D4220  
 02/L02 ASTM D422  
 02/L04 ASTM D698  
 02/L05 ASTM D854  
 02/L06 ASTM D1140  
 02/L08 ASTM D1557  
 02/L11 ASTM D2166  
 02/L12 ASTM D2168  
 02/L13 ASTM D2216  
 02/L14 ASTM D2217  
 02/L16 ASTM D2487  
 02/L18 ASTM D3080  
 02/L20 ASTM D4318  
 02/L22 ASTM D2850  
 02/L23 ASTM D2922  
 02/L25 ASTM D3017  
 02/L29 Corps of Engineers - Manual  
 EM-1110-2-1906, Appendix VII, Permeability  
 of Fine Grained Soils Using a Triaxial  
 Apparatus  
 02/L30 Corps of Engineers - Manual  
 EM-1110-2-1906, Appendix X, Consolidated  
 Undrained and Consolidated Drained Triaxial  
 Test

02/L31 ASTM D2167

**Standard Practices**

02/A38 ASTM E329  
 02/A39 ASTM C1077

**Steel Materials**

02/S07 ASTM E709  
 02/S08 ASTM E165

NVLAP LAB CODE 100317-0

**Fairfield Testing Laboratory, Inc.**

652 Glenbrook Road, P.O. 2310  
 Stamford, CT 06906  
 Contact: Mr. James E. Quill  
 Phone: 203-877-8989  
 Fax: 203-882-8844

**Construction Materials Testing**

Accreditation Valid Through: March 31, 1997

*NVLAP*

*Code Designation*

**Aggregates**

02/A12 ASTM C136  
**Concrete**  
 02/A01 ASTM C39  
 02/A02 ASTM C617  
 02/A43 ASTM C1064  
 02/G01 ASTM C31/C172/C143/C138/C231  
 02/G02 ASTM C173

**Soil and Rock**

02/L08 ASTM D1557  
 02/L23 ASTM D2922

NVLAP LAB CODE 100319-0

**PSI**

60 Hamilton Street  
 New Haven, CT 06511  
 Contact: Mr. Joe Tenedine  
 Phone: 203-772-0710  
 Fax: 203-772-0713

**Construction Materials Testing**

Accreditation Valid Through: March 31, 1997

*NVLAP*

*Code Designation*

**Aggregates**

02/A04 ASTM C40  
 02/A07 ASTM C117  
 02/A09 ASTM C127  
 02/A10 ASTM C128  
 02/A11 ASTM C131  
 02/A12 ASTM C136

**Concrete**

02/A01 ASTM C39  
 02/A40 ASTM C78  
 02/G01 ASTM C31/C172/C143/C138/C231  
 02/G02 ASTM C173

**Standard Practices**

02/A38 ASTM E329  
 02/A39 ASTM C1077  
 02/L32 ASTM D3740  
 02/M26 ASTM D3666

NVLAP LAB CODE 100320-0

**Materials Testing, Inc.**

200 Rowe Avenue  
 Milford, CT 06460  
 Contact: Mr. Frank A. Soucy  
 Phone: 203-878-2765  
 Fax: 208-878-1504

**Construction Materials Testing**

Accreditation Valid Through: December 31, 1997

*NVLAP*

*Code Designation*

**Aggregates**

02/A03 ASTM C29  
 02/A04 ASTM C40  
 02/A06 ASTM C88  
 02/A07 ASTM C117  
 02/A08 ASTM C123  
 02/A09 ASTM C127  
 02/A10 ASTM C128  
 02/A11 ASTM C131  
 02/A12 ASTM C136  
 02/A46 ASTM C535

**Cement**

02/A17 ASTM C109

**Concrete**

02/A01 ASTM C39  
 02/A02 ASTM C617  
 02/G01 ASTM C31/C172/C143/C138/C231  
 02/G02 ASTM C173

**Soil and Rock**

02/L02 ASTM D422  
 02/L04 ASTM D698  
 02/L05 ASTM D854  
 02/L06 ASTM D1140  
 02/L08 ASTM D1557  
 02/L13 ASTM D2216  
 02/L31 ASTM D2167

NVLAP LAB CODE 100322-0

**Canadian Standards Association**

178 Rexdale Boulevard  
 Etobicoke Ontario M9W 1R3  
 CANADA  
 Contact: Mr. Doug Geralde  
 Phone: 416-747-4295  
 Fax: 416-747-4287

**Commercial Products Testing**

Accreditation Valid Through: December 31, 1997

*NVLAP*

*Code Designation*

**Plumbing**

19/F01 ASME A112.18.1M (Sec. 5.2)  
 19/F02 ASME A112.18.1M (Sec. 5.14)  
 19/F03 ASME A112.18.1M (Sec. 6.2)  
 19/F04 ASME A112.18.1M (Sec. 6.4)  
 19/F05 ASME A112.18.1M (Sec. 6.5)  
 19/F06 ASME A112.18.1M (Sec. 6.6)  
 19/F07 ASME A112.18.1M (Sec. 6.7)



**INDEX D. LISTING OF TESTING LABORATORIES BY NVLAP LAB CODE - continued**

19/F08	ASME A112.18.1M (Sec. 6.8)	02/A09	ASTM C127
19/F09	ASME A112.18.1M (Sec. 5.13)	02/A10	ASTM C128
19/P01	ANSI Z124.1 (Sec. 4, 5, 6)	02/A11	ASTM C131
19/P02	ANSI Z124.2 (Sec. 4, 5, 6)	02/A12	ASTM C136
19/P03	ANSI Z124.3 (Sec. 4, 5, 6)	02/A13	ASTM C142
19/P04	ANSI Z124.4 (Sec. 4, 5)	02/A15	ASTM D75
19/P05	ANSI Z124.4 (Sec. 2.11) per ASME A112.19.6M (Sec. 7.1)	02/A16	ASTM D2419
		02/A44	ASTM C566
19/V01	ASME A112.19.2M (Sec. 7.1)	<b>Concrete</b>	
19/V02	ASME A112.19.2M (Sec. 7.2)	02/A01	ASTM C39
19/V03	ASME A112.19.2M (Sec. 7.3)	02/A02	ASTM C617
19/V04	ASME A112.19.2M (Sec. 7.4)	02/A40	ASTM C78
19/V05	ASME A112.19.2M (Sec. 7.5)	02/A41	ASTM C192
19/V06	ASME A112.19.2M (Sec. 7.7)	02/A42	ASTM C360
19/W01	ASME A112.19.6 (Sec. 7.1.2)	02/A43	ASTM C1064
19/W02	ASME A112.19.6 (Sec. 7.1.3)	02/A45	ASTM C42
19/W03	ASME A112.19.6 (Sec. 7.1.4)	02/G01	ASTM C31/C172/C143/C138/C231
19/W04	ASME A112.19.6 (Sec. 7.1.5)	02/G02	ASTM C173
19/W05	ASME A112.19.6 (Sec. 7.1.6)	<b>Road and Paving Materials</b>	
19/W06	ASME A112.19.6 (Sec. 7.1.7)	02/M01	ASTM D5
19/W07	ASME A112.19.6 (Sec. 7.1.8)	02/M03	ASTM D140
19/W08	ASME A112.19.6 (Sec. 7.1.9)	02/M05	ASTM D244

**NVLAP LAB CODE 100323-0**

**IBM Hudson Valley Acoustics Laboratory**

Building 704, M/S P226  
522 South Road  
Poughkeepsie, NY 12601-5400  
Contact: Dr. Matthew A. Nobile  
Phone: 914-432-9811  
Fax: 914-432-9880

**Acoustical Testing Services**

Accreditation Valid Through: March 31, 1997

*NVLAP*

<i>Code</i>	<i>Designation</i>
08/P03	ASTM C423
08/P10	ANSI S12.31 (ISO 3741)
08/P13	ANSI S12.32 (ISO 3742)
08/P21	ISO 3745
08/P24	ANSI S12.10 (ISO 7779)
08/P38	ANSI S12.11
08/P39	ANSI S12.5 (ISO 6926)

**NVLAP LAB CODE 100325-0**

**City of San Jose, Materials Testing Laboratory**

696 North 6th Street, Building 200  
San Jose, CA 95112-3208  
Contact: Mr. Alberto C. Oxonian  
Phone: 408-277-4513  
Fax: 408-275-8090

**Construction Materials Testing**

Accreditation Valid Through: December 31, 1997

*NVLAP*

<i>Code</i>	<i>Designation</i>
<b>Aggregates</b>	
02/A03	ASTM C29
02/A04	ASTM C40
02/A06	ASTM C88
02/A07	ASTM C117

02/M08	ASTM D979
02/M09	ASTM D1074
02/M11	ASTM D1188
02/M12	ASTM D1559
02/M13	ASTM D1560
02/M14	ASTM D1561
02/M15	ASTM D1856
02/M17	ASTM D2170
02/M18	ASTM D2171
02/M19	ASTM D2172
02/M20	ASTM D2872
02/M24	ASTM D2041
02/M25	ASTM D2726
<b>Soil and Rock</b>	
02/L02	ASTM D422
02/L05	ASTM D854
02/L06	ASTM D1140
02/L08	ASTM D1557
02/L12	ASTM D2168
02/L13	ASTM D2216
02/L14	ASTM D2217
02/L16	ASTM D2487
02/L20	ASTM D4318
02/L23	ASTM D2922
02/L25	ASTM D3017
02/L47	ASTM D2844
<b>Standard Practices</b>	
02/A38	ASTM E329
02/A39	ASTM C1077
02/L32	ASTM D3740
02/M26	ASTM D3666

**NVLAP LAB CODE 100334-0**

**E. I. du Pont Co.**

403 Holiday Avenue  
Dalton, GA 30720  
Contact: Mr. Jack Rooke  
Phone: 706-275-7762  
Fax: 706-275-7768

**Carpet and Carpet Cushion**

Accreditation Valid Through: March 31, 1997

*NVLAP*

*Code Designation*

**Tests Applicable to Carpet and Carpet Cushion**

03/T01 AATCC 16 (Option E)

**Tests Applicable to Carpets**

03/G03 AATCC 134  
03/G05 ASTM D418 (Sec. 8)  
03/G07 ASTM D418 (Secs. 10-11)  
03/G08 ASTM D418 (Sec. 13)

**NVLAP LAB CODE 100339-0**

**Data General Corporation**

4400 Computer Drive  
Westboro, MA 01580  
Contact: Mr. Michael J. Dowling  
Phone: 508-898-6008  
Fax: 508-898-5413  
E-Mail: Mike\_Dowling@dgc.ceo.dg.com

**FCC Test Methods**

Accreditation Valid Through: December 31, 1997

*NVLAP*

*Code Designation*

**Federal Communications Commission (FCC) Methods**

12/F01 FCC Method - 47 CFR Part 15 - Digital Devices  
12/F01a Conducted Emissions, Power Lines, 450 KHz to 30 MHz  
12/F01b Radiated Emissions

**NVLAP LAB CODE 100340-0**

**Fairway Testing Company, Inc.**

Smith Street  
P.O. Box 578  
Stony Point, NY 10980  
Contact: Mr. Brian Hugick  
Phone: 914-942-2088  
Fax: 914-942-0995

**Construction Materials Testing**

Accreditation Valid Through: September 30, 1997

*NVLAP*

*Code Designation*

**Aggregates**

02/A03 ASTM C29  
02/A04 ASTM C40  
02/A06 ASTM C88  
02/A07 ASTM C117  
02/A09 ASTM C127  
02/A10 ASTM C128

02/A12 ASTM C136  
02/A13 ASTM C142  
02/A44 ASTM C566  
**Concrete**  
02/A01 ASTM C39  
02/A02 ASTM C617  
02/A40 ASTM C78  
02/G01 ASTM C31/C172/C143/C138/C231  
02/G02 ASTM C173

**Road and Paving Materials**

02/M01 ASTM D5  
02/M11 ASTM D1188  
02/M12 ASTM D1559  
02/M19 ASTM D2172  
02/M24 ASTM D2041  
02/M25 ASTM D2726

**Soil and Rock**

02/L02 ASTM D422  
02/L04 ASTM D698  
02/L08 ASTM D1557  
02/L13 ASTM D2216  
02/L16 ASTM D2487  
02/L20 ASTM D4318  
02/L21 ASTM D2434  
02/L23 ASTM D2922  
02/L25 ASTM D3017  
02/L29 Corps of Engineers - Manual EM-1110-2-1906, Appendix VII, Permeability of Fine Grained Soils Using a Triaxial Apparatus

**Standard Practices**

02/A38 ASTM E329  
02/A39 ASTM C1077  
02/L32 ASTM D3740  
02/M26 ASTM D3666

**Steel Materials**

02/S02 ASTM A370 (Sec. 14)/E190  
02/S07 ASTM E709  
02/S08 ASTM E165

**NVLAP LAB CODE 100342-0**

**Mindcraft, Inc.**

410 Cambridge Avenue  
Palo Alto, CA 94306-1507  
Contact: Mr. Bruce Weiner  
Phone: 415-323-9000  
Fax: 415-323-0854  
E-Mail: bruce@mindcraft.com

**POSIX**

Accreditation Valid Through: June 30, 1997

*NVLAP*

*Code Designation*

17/P03 National Institute of Standards and Technology-POSIX Conformance Test Suite (NIST-PCTS) for the Federal Info. Processing Std. 151-2 (FIPS 151-2) "Portable Operating System Interface (POSIX)-System Application Program Interface [C Language]"

NVLAP LAB CODE 100344-0

**Perennial, Inc.**

4699 Old Ironsides Drive, Suite 210  
 Santa Clara, CA 95054-1827  
 Contact: Mr. Barry Hedquist  
 Phone: 408-748-2900  
 Fax: 408-748-2909

**POSIX**

Accreditation Valid Through: September 30, 1997

*NVLAP*

<i>Code</i>	<i>Designation</i>
17/P03	National Institute of Standards and Technology-POSIX Conformance Test Suite (NIST-PCTS) for the Federal Info. Processing Std. 151-2 (FIPS 151-2) "Portable Operating System Interface (POSIX)-System Application Program Interface [C Language]"

NVLAP LAB CODE 100347-0

**Acton Environmental Testing, dba National**

**Technical Systems**

533 Main Street  
 Acton, MA 01720  
 Contact: Mr. Martin J. Metcalf  
 Phone: 508-263-2933  
 Fax: 508-263-5734

**MIL-STD-462 Test Methods**

Accreditation Valid Through: March 31, 1997

*NVLAP*

<i>Code</i>	<i>Designation</i>
-------------	--------------------

**Conducted Emissions:**

12/A01	MIL-STD-462 Method CE01
12/A04	MIL-STD-462 Method CE02
12/A06	MIL-STD-462 Method CE03
12/A08	MIL-STD-462 Method CE04
12/A12	MIL-STD-462 Method CE07

**Conducted Susceptibility:**

12/B01	MIL-STD-462 Method CS01
12/B02	MIL-STD-462 Method CS02
12/B05	MIL-STD-462 Method CS06
12/B07	MIL-STD-462 Method CS09

**Radiated Emissions:**

12/D01	MIL-STD-462 Method RE01
12/D02	MIL-STD-462 Method RE02

**Radiated Susceptibility:**

12/E01	MIL-STD-462 Method RS01
12/E02	MIL-STD-462 Method RS02
12/E03	MIL-STD-462 Method RS03 (Consult laboratory for field strengths available)
12/E04	MIL-STD-462 Method RS03 employing RADHAZ procedures for high level testing (Consult laboratory for field strengths available)
12/E07	MIL-STD-462 Method RS06

NVLAP LAB CODE 100350-0

**BNR Product Integrity Labs**

21 Richardson Side Road  
 Kanata Ontario K2K 2C1  
 CANADA  
 Contact: Mr. Rick McDonald  
 Phone: 613-763-2475  
 Fax: 613-763-8091

**FCC Test Methods**

Accreditation Valid Through: June 30, 1997

*NVLAP*

<i>Code</i>	<i>Designation</i>
-------------	--------------------

**Federal Communications Commission (FCC) Methods**

12/F01	FCC Method - 47 CFR Part 15 - Digital Devices
12/F01a	Conducted Emissions, Power Lines, 450 KHz to 30 MHz
12/F01b	Radiated Emissions
12/T01	Terminal Equipment Network Protection Standards, FCC Method - 47 CFR Part 68 - Analog and Digital
12/T01a	68.302 (Par. c,d,e,f) Environmental simulation; 68.304 Leakage current limit.; 68.306 Hazardous voltage limit.; 68.308 Signal power limit.; 68.310 Longitudinal balance limit.; 68.312 On-hook impedance limit.; 68.314 Billing protection
12/T01b	68.316 Hearing Aid Compatibility: technical standards
12/T01c	68.302 Environmental simulation (Par. a,b)

**International Special Committee on Radio Interference (CISPR) Methods**

12/CIS22	IEC/CISPR 22:1993: Limits and methods of measurement of radio disturbance characteristics of information technology equipment
----------	---

NVLAP LAB CODE 100351-0

**Certelecom Laboratories, Inc.**

3325 River Road, R.R. No. 5  
 Ottawa Ontario K1V 1H2  
 CANADA  
 Contact: Mr. G. Rae Dulmage  
 Phone: 613-737-9680  
 Fax: 613-737-9691  
 E-Mail: certel@intacc.net

**FCC Test Methods**

Accreditation Valid Through: September 30, 1997

*NVLAP*

<i>Code</i>	<i>Designation</i>
-------------	--------------------

**AUSTEL Technical Standards as determined under the Telecommunications Act of 1991**

12/T41	TS-001
12/T42	TS-002
12/T43	TS-003
12/T44	TS-004
12/T45	TS-006



12/T46 TS-008  
 12/T49 TS-016  
*Australian Standards referred to by clauses in AUSTEL*  
**Technical Standards**  
 12/T51 AS-3548  
**Federal Communications Commission (FCC) Methods**  
 12/F01 FCC Method - 47 CFR Part 15 - Digital Devices  
 12/F01a Conducted Emissions, Power Lines, 450 KHz to 30 MHz  
 12/F01b Radiated Emissions  
 12/T01 Terminal Equipment Network Protection Standards, FCC Method - 47 CFR Part 68 - Analog and Digital  
 12/T01a 68.302 (Par. c,d,e,f) Environmental simulation; 68.304 Leakage current limit.; 68.306 Hazardous voltage limit.; 68.308 Signal power limit.; 68.310 Longitudinal balance limit.; 68.312 On-hook impedance limit.; 68.314 Billing protection  
 12/T01b 68.316 Hearing Aid Compatibility: technical standards  
 12/T01c 68.302 Environmental simulation (Par. a,b)  
**International Special Committee on Radio Interference (CISPR) Methods**  
 12/CIS22 IEC/CISPR 22:1993: Limits and methods of measurement of radio disturbance characteristics of information technology equipment

**NVLAP LAB CODE 100351-1**

**Certecom Laboratories, Inc.**

820 Proctor Avenue  
 Ogdensburg, NY 13669-2205  
 Contact: Ruth Varley  
 Phone: 315-393-6546  
 Fax: 315-393-7859

**FCC Test Methods**

Accreditation Valid Through: September 30, 1997

*NVLAP*

*Code Designation*

**AUSTEL Technical Standards as determined under the Telecommunications Act of 1991**

12/T41 TS-001  
 12/T42 TS-002  
 12/T43 TS-003  
 12/T44 TS-004  
 12/T45 TS-006  
 12/T46 TS-008  
 12/T49 TS-016

*Australian Standards referred to by clauses in AUSTEL*

**Technical Standards**

12/T51 AS-3548

**Federal Communications Commission (FCC) Methods**

12/F01 FCC Method - 47 CFR Part 15 - Digital Devices  
 12/F01a Conducted Emissions, Power Lines, 450 KHz

to 30 MHz  
 12/F01b Radiated Emissions  
 12/T01 Terminal Equipment Network Protection Standards, FCC Method - 47 CFR Part 68 - Analog and Digital  
 12/T01a 68.302 (Par. c,d,e,f) Environmental simulation; 68.304 Leakage current limit.; 68.306 Hazardous voltage limit.; 68.308 Signal power limit.; 68.310 Longitudinal balance limit.; 68.312 On-hook impedance limit.; 68.314 Billing protection  
 12/T01b 68.316 Hearing Aid Compatibility: technical standards  
 12/T01c 68.302 Environmental simulation (Par. a,b)  
**International Special Committee on Radio Interference (CISPR) Methods**  
 12/CIS22 IEC/CISPR 22:1993: Limits and methods of measurement of radio disturbance characteristics of information technology equipment

**NVLAP LAB CODE 100352-0**

**Auditory Systems Laboratory - Virginia Tech**

Virginia Polytechnic Institute and State University  
 Blacksburg, VA 24061-0118  
 Contact: Dr. John G. Casali  
 Phone: 703-231-5073  
 Fax: 703-231-3322

**Acoustical Testing Services**

Accreditation Valid Through: March 31, 1997

*NVLAP*

*Code Designation*

08/P26 ANSI S3.19  
 08/P27 ANSI S12.6

**NVLAP LAB CODE 100354-0**

**Control Data OSI Accredited Test Center**

4201 Lexington Avenue North  
 Arden Hills, MN 55126-6198  
 Contact: Mr. Ronald D. Swan  
 Phone: 612-482-6257  
 Fax: 612-482-2873  
 E-Mail: Ronald.D.Swan@cdc.com

**GOSIP**

Accreditation Valid Through: June 30, 1997

*NVLAP*

*Code Designation*

17/G03 ITU X.400-1984 MHS: P2/P1/RTS/(Session)  
 17/G21 ITU X.400-1988 MHS  
 17/G21a ITU X.400-1988 MHS: P2/P1/RTSE/ACSE/Presentation (Session)



**NVLAP LAB CODE I00357-0**

**National Computing Centre Ltd.**

Oxford Road  
 Manchester, M17ED  
 UNITED KINGDOM  
 Contact: Mrs. A. E. J. Pink  
 Phone: +44 61 242-2257  
 Fax: +44 61 236-9877  
 E-Mail: jane@ncc.co.uk

**GOSIP**

Accreditation Valid Through: June 30, 1997

*NVLAP*

<i>Code</i>	<i>Designation</i>
17/G01	ISO/IEC 8571/8650/8823: FTAM/ACSE/Presentation (Session)
17/G03	ITU X.400-1984 MHS: P2/P1/RTS/(Session)
17/G05	ISO/IEC 8327: Session
17/G07	ISO/IEC 8073: Transport Class 4
17/G09	ISO/IEC 8073: Transport Class 2/Transport Class 0
17/G11	
17/G11a	ISO/IEC 8473: Connectionless Network Protocol (CLNP)
17/G11b	ISO/IEC 9542: End System-Intermediate System (ES-IS)
17/G19	ITU X.25: PLP/HDLC LAP B
17/G21	ITU X.400-1988 MHS
17/G21a	ITU X.400-1988 MHS: P2/P1/RTSE/ACSE/Presentation (Session)
17/G21b	ITU X.400-1988 MHS: P3
17/G21c	ITU X.400-1988 MHS: P3/ROSE
17/G21d	ITU X.400-1988 MHS: P7
17/G21e	ITU X.400-1988 MHS: P7/ROSE
17/G23	ITU-T X.500-1988 DS: Directory Services-Directory Access Protocol

**NVLAP LAB CODE I00364-0**

**CDA, Inc., Open Systems Development Group**

830I Greensboro Drive, #350  
 McLean, VA 22102-3603  
 Contact: Mr. Kevin P. Murray  
 Phone: 703-821-1858  
 Fax: 703-821-9859  
 E-Mail: Kmurray@access.digex.net

**GOSIP**

Accreditation Valid Through: June 30, 1997

*NVLAP*

<i>Code</i>	<i>Designation</i>
17/G01	ISO/IEC 8571/8650/8823: FTAM/ACSE/Presentation (Session)
17/G03	ITU X.400-1984 MHS: P2/P1/RTS/(Session)
17/G07	ISO/IEC 8073: Transport Class 4
17/G09	ISO/IEC 8073: Transport Class 2/Transport Class 0
17/G11	
17/G11a	ISO/IEC 8473: Connectionless Network Protocol (CLNP)
17/G11b	ISO/IEC 9542: End System-Intermediate System (ES-IS)

17/G19	ITU X.25: PLP/HDLC LAP B
17/G21	ITU X.400-1988 MHS
17/G21a	ITU X.400-1988 MHS: P2/P1/RTSE/ACSE/Presentation (Session)

**NVLAP LAB CODE I00367-0**

**UNISYS-Systems Certification**

2476 Swedesford Road  
 P.O. Box 203  
 Paoli, PA 19301  
 Contact: Mr. Carsten Gardan  
 Phone: 610-993-6157  
 Fax: 610-695-5399  
 E-Mail: CARSTEN@OSIL.UNISYS.COM

**GOSIP**

Accreditation Valid Through: June 30, 1997

*NVLAP*

<i>Code</i>	<i>Designation</i>
17/G01	ISO/IEC 8571/8650/8823: FTAM/ACSE/Presentation (Session)
17/G03	ITU X.400-1984 MHS: P2/P1/RTS/(Session)
17/G07	ISO/IEC 8073: Transport Class 4
17/G09	ISO/IEC 8073: Transport Class 2/Transport Class 0
17/G11	
17/G11a	ISO/IEC 8473: Connectionless Network Protocol (CLNP)
17/G11b	ISO/IEC 9542: End System-Intermediate System (ES-IS)
17/G19	ITU X.25: PLP/HDLC LAP B

**POSIX**

Accreditation Valid Through: June 30, 1997

*NVLAP*

<i>Code</i>	<i>Designation</i>
17/P03	National Institute of Standards and Technology-POSIX Conformance Test Suite (NIST-PCTS) for the Federal Info. Processing Std. I51-2 (FIPS 151-2) "Portable Operating System Interface (POSIX)-System Application Program Interface [C Language]"

**NVLAP LAB CODE I00374-0**

**Aearo Company, E·A·RCAL Acoustical  
Laboratory**

7911 Zionsville Road  
 Indianapolis, IN 46268-1657  
 Contact: Mr. Elliott H. Berger  
 Phone: 317-692-3031  
 Fax: 317-692-3116  
 E-Mail: 73142.2143@compuserve.com

**Acoustical Testing Services**

Accreditation Valid Through: December 31, 1997

*NVLAP*

<i>Code</i>	<i>Designation</i>
08/P26	ANSI S3.19
08/P27	ANSI S12.6

NVLAP LAB CODE 100380-0

**Digital Equipment Corporation**

9 Northeastern Boulevard  
 Mail Stop NIO-B  
 Salem, NH 03079-1994  
 Contact: Mr. Steve Gilmette  
 Phone: 508-467-7504  
 Fax: 508-467-2846

**FCC Test Methods**

Accreditation Valid Through: June 30, 1997

*NVLAP*

*Code Designation*

**Federal Communications Commission (FCC) Methods**

- 12/F01 FCC Method - 47 CFR Part 15 - Digital Devices
- 12/F01a Conducted Emissions, Power Lines, 450 KHz to 30 MHz
- 12/F01b Radiated Emissions

NVLAP LAB CODE 100382-0

**Eaton E3 Laboratory**

26201 Northwestern Highway  
 P.O. Box 766  
 Southfield, MI 48037-0766  
 Contact: Mr. Kimball Williams  
 Phone: 810-354-2845  
 Fax: 810-208-2018  
 E-Mail: kwilliams@jeece.org

**MIL-STD-462 Test Methods**

Accreditation Valid Through: June 30, 1997

*NVLAP*

*Code Designation*

**Conducted Emissions:**

- 12/A01 MIL-STD-462 Method CE01
- 12/A04 MIL-STD-462 Method CE02
- 12/A06 MIL-STD-462 Method CE03
- 12/A08 MIL-STD-462 Method CE04
- 12/A12 MIL-STD-462 Method CE07

**Conducted Susceptibility:**

- 12/B01 MIL-STD-462 Method CS01
- 12/B02 MIL-STD-462 Method CS02
- 12/B05 MIL-STD-462 Method CS06
- 12/B07 MIL-STD-462 Method CS09

**Radiated Emissions:**

- 12/D01 MIL-STD-462 Method RE01
- 12/D02 MIL-STD-462 Method RE02

**Radiated Susceptibility:**

- 12/E01 MIL-STD-462 Method RS01
- 12/E02 MIL-STD-462 Method RS02
- 12/E03 MIL-STD-462 Method RS03 (Consult laboratory for field strengths available)
- 12/E04 MIL-STD-462 Method RS03 employing RADHAZ procedures for high level testing (Consult laboratory for field strengths available)
- 12/E07 MIL-STD-462 Method RS06

NVLAP LAB CODE 100385-0

**Open Systems Environment Testing Laboratory**

Bldg. 57305  
 Ft. Huachuca, AZ 85613-7020  
 Contact: Mr. Dwight L. Long  
 Phone: 520-538-5459  
 Fax: 520-538-5495  
 E-Mail: longd@fhu.disa.mil

**GOSIP**

Accreditation Valid Through: March 31, 1997

*NVLAP*

*Code Designation*

- 17/G07 ISO/IEC 8073: Transport Class 4
- 17/G09 ISO/IEC 8073: Transport Class 2/Transport Class 0
- 17/G11
- 17/G11a ISO/IEC 8473: Connectionless Network Protocol (CLNP)
- 17/G11b ISO/IEC 9542: End System-Intermediate System (ES-IS)
- 17/G21 ITU X.400-1988 MHS
- 17/G21a ITU X.400-1988 MHS: P2/P1/RTSE/ACSE/Presentation (Session)
- 17/G21d ITU X.400-1988 MHS: P7
- 17/G23 ITU-T X.500-1988 DS: Directory Services-Directory Access Protocol

NVLAP LAB CODE 100396-0

**Intellistor Open Area Test Site**

1350 County Road #16  
 P.O. Box 387  
 Rollinsville, CO 80474  
 Contact: Mr. R. Barry Wallen  
 Phone: 303-682-6600  
 Fax: 303-682-6672

**FCC Test Methods**

Accreditation Valid Through: March 31, 1997

*NVLAP*

*Code Designation*

**Federal Communications Commission (FCC) Methods**

- 12/F01 FCC Method - 47 CFR Part 15 - Digital Devices
- 12/F01a Conducted Emissions, Power Lines, 450 KHz to 30 MHz
- 12/F01b Radiated Emissions

**International Special Committee on Radio Interference (CISPR) Methods**

- 12/CIS22 IEC/CISPR 22:1993: Limits and methods of measurement of radio disturbance characteristics of information technology equipment

NVLAP LAB CODE 100398-0

**GE Lighting- Technical Support**

NELA Park  
 Cleveland, OH 44112  
 Contact: Mr. Robert A. Schiele  
 Phone: 216-266-9708  
 Fax: 216-266-8361

**Energy Efficient Lighting Products**

Accreditation Valid Through: March 31, 1997

NVLAP

Code Designation

**Color Measurements**

22/C01 IES LM-58

**Electrical Measurements**

22/E01 IES LM-9  
 22/E02 IES LM-45  
 22/E04 IES LM-66  
 22/E05 ANSI-C78.375

**Life Tests**

22/L01 IES LM-40  
 22/L03 IES LM-49  
 22/L04 IES LM-65

**Photometric Measurements**

22/P01a IES LM-9 (Total Flux)  
 22/P01b IES LM-9 (Intensity)  
 22/P02a IES LM-20 (Total Flux)  
 22/P02b IES LM-20 (Intensity)  
 22/P03a IES LM-45 (Total Flux)  
 22/P03b IES LM-45 (Intensity)  
 22/P05a IES LM-66 (Total Flux)  
 22/P05b IES LM-66 (Intensity)

NVLAP LAB CODE 100399-0

**Philips Lighting Corporate Calibration & Standards Laboratory**

Route 3, P.O. Box 505  
 Fairmont, WV 26554-9484  
 Contact: Mr. Ron Gibbons  
 Phone: 304-367-7608  
 Fax: 304-367-7602

**Energy Efficient Lighting Products**

Accreditation Valid Through: June 30, 1997

NVLAP

Code Designation

**Color Measurements**

22/C01 IES LM-58

**Electrical Measurements**

22/E01 IES LM-9  
 22/E02 IES LM-45  
 22/E04 IES LM-66  
 22/E05 ANSI-C78.375

**Photometric Measurements**

22/P01a IES LM-9 (Total Flux)  
 22/P02a IES LM-20 (Total Flux)  
 22/P03a IES LM-45 (Total Flux)  
 22/P05a IES LM-66 (Total Flux)

NVLAP LAB CODE 100400-0

**Vanasse Hangen Brustlin, Inc.**

101 Walnut Street  
 P.O. Box 9151  
 Watertown, MA 02272-9151  
 Contact: Mr. Dan Kosalski  
 Phone: 860-632-1500  
 Fax: 860-632-7879  
 E-Mail: DKOSALSKI@VHB.COM

**Construction Materials Testing**

Accreditation Valid Through: June 30, 1997

NVLAP

Code Designation

**Road and Paving Materials**

02/M12 ASTM D1559  
 02/M24 ASTM D2041  
 02/M25 ASTM D2726

**Standard Practices**

02/M26 ASTM D3666

NVLAP LAB CODE 100402-0

**Inchcape Testing Services NA, Inc.**

3933 U.S. Route 11  
 Cortland, NY 13045-0950  
 Contact: Mr. Craig Davenport  
 Phone: 607-753-6711  
 Fax: 607-756-9891  
 E-Mail: cdavenport@inchqsw.attmail.com

**Thermal Insulation Materials**

Accreditation Valid Through: September 30, 1997

NVLAP

Code Designation

**Flammability**

01/F02 ASTM E84

**Thermal Resistance**

01/T06 ASTM C518

**Energy Efficient Lighting Products**

Accreditation Valid Through: September 30, 1997

NVLAP

Code Designation

**Color Measurements**

22/C01 IES LM-58

**Electrical Measurements**

22/E01 IES LM-9  
 22/E02 IES LM-45  
 22/E03 IES LM-51  
 22/E04 IES LM-66  
 22/E05 ANSI-C78.375  
 22/E06 ANSI-C78.386  
 22/E07 ANSI-C78.387  
 22/E08 ANSI-C78.388

**Life Tests**

22/L03 IES LM-49

**Photometric Measurements**

22/P01a IES LM-9 (Total Flux)  
 22/P02a IES LM-20 (Total Flux)  
 22/P03a IES LM-45 (Total Flux)  
 22/P03b IES LM-45 (Intensity)  
 22/P04a IES LM-51 (Total Flux)



22/P05a IES LM-66 (Total Flux)  
 22/P05b IES LM-66 (Intensity)

**NVLAP LAB CODE 100403-0**

**Osram Sylvania Inc., Test & Measurements**

**Laboratory**

71 Cherry Hill Dr.  
 Beverly, MA 01915  
 Contact: Dr. Ronald O. Daubach  
 Phone: 508-750-1593  
 Fax: 508-750-1794  
 E-Mail: daubach@rd.sylvania.com

**Energy Efficient Lighting Products**

Accreditation Valid Through: June 30, 1997

*NVLAP*

*Code Designation*

**Color Measurements**

22/C01 IES LM-58

**Electrical Measurements**

22/E01 IES LM-9  
 22/E02 IES LM-45  
 22/E03 IES LM-51  
 22/E04 IES LM-66  
 22/E05 ANSI-C78.375  
 22/E06 ANSI-C78.386  
 22/E07 ANSI-C78.387  
 22/E08 ANSI-C78.388

**Life Tests**

22/L01 IES LM-40  
 22/L02 IES LM-47  
 22/L03 IES LM-49  
 22/L04 IES LM-65

**Photometric Measurements**

22/P01a IES LM-9 (Total Flux)  
 22/P01b IES LM-9 (Intensity)  
 22/P02a IES LM-20 (Total Flux)  
 22/P02b IES LM-20 (Intensity)  
 22/P03a IES LM-45 (Total Flux)  
 22/P03b IES LM-45 (Intensity)  
 22/P04a IES LM-51 (Total Flux)  
 22/P04b IES LM-51 (Intensity)  
 22/P05a IES LM-66 (Total Flux)  
 22/P05b IES LM-66 (Intensity)

**NVLAP LAB CODE 100404-0**

**Industrial Acoustics Company, Inc.,**

**Aero-Acoustics Laboratory**

1160 Commerce Avenue  
 Bronx, NY 10462  
 Contact: Mr. David A. Collings  
 Phone: 718-931-8000  
 Fax: 718-863-1138

**Acoustical Testing Services**

Accreditation Valid Through: June 30, 1997

*NVLAP*

*Code Designation*

08/P02 ASTM C384  
 08/P03 ASTM C423  
 08/P06 ASTM E90

08/P08 ASTM E596  
 08/P30 ASTM E1408  
 08/P36 ASTM E477

**NVLAP LAB CODE 100405-0**

**Motorola SSTG EMC/TEMPEST Laboratory**

8201 E. McDowell Road  
 Scottsdale, AZ 85252  
 Contact: Mr. Dwayne R. Awerkamp  
 Phone: 602-441-3138  
 Fax: 602-441-3625  
 E-Mail: p09969@email.mot.com

**MIL-STD-462 Test Methods**

Accreditation Valid Through: September 30, 1997

*NVLAP*

*Code Designation*

**Conducted Emissions:**

12/A01 MIL-STD-462 Method CE01  
 12/A04 MIL-STD-462 Method CE02  
 12/A06 MIL-STD-462 Method CE03  
 12/A08 MIL-STD-462 Method CE04  
 12/A10 MIL-STD-462 Method CE06  
 12/A12 MIL-STD-462 Method CE07

**Conducted Susceptibility:**

12/B01 MIL-STD-462 Method CS01  
 12/B02 MIL-STD-462 Method CS02  
 12/B04 MIL-STD-462 Method  
 CS03/CS04/CS05/CS08  
 12/B05 MIL-STD-462 Method CS06  
 12/B06 MIL-STD-462 Method CS07  
 12/B07 MIL-STD-462 Method CS09  
 12/B08 MIL-STD-462 Method CS10  
 12/B09 MIL-STD-462 Method CS11  
 12/B10 MIL-STD-462 Method CS12  
 12/B11 MIL-STD-462 Method CS13

**Radiated Emissions:**

12/D01 MIL-STD-462 Method RE01  
 12/D02 MIL-STD-462 Method RE02  
 12/D03 MIL-STD-462 Method RE03

**Radiated Susceptibility:**

12/E01 MIL-STD-462 Method RS01  
 12/E02 MIL-STD-462 Method RS02  
 12/E03 MIL-STD-462 Method RS03 (Consult  
 laboratory for field strengths available)  
 12/E04 MIL-STD-462 Method RS03 employing  
 RADHAZ procedures for high level testing  
 (Consult laboratory for field strengths  
 available)  
 12/E05 MIL-STD-462 Method RS05  
 12/E07 MIL-STD-462 Method RS06

**FCC Test Methods**

Accreditation Valid Through: September 30, 1997

*NVLAP*

*Code Designation*

**Federal Communications Commission (FCC) Methods**

12/F01 FCC Method - 47 CFR Part 15 - Digital  
 Devices  
 12/F01a Conducted Emissions, Power Lines, 450 KHz  
 to 30 MHz



12/F01b Radiated Emissions

NVLAP LAB CODE 100406-0

**Inland Foundation Engineering, Inc.**

1310 South Santa Fe Avenue  
 P.O. Box 937  
 San Jacinto, CA 92581-0937  
 Contact: Mr. Donald O. Swenson  
 Phone: 909-654-1555  
 Fax: 909-654-0551

**Construction Materials Testing**

Accreditation Valid Through: March 31, 1997

*NVLAP*

*Code Designation*

**Aggregates**

02/A03 ASTM C29  
 02/A04 ASTM C40  
 02/A06 ASTM C88  
 02/A07 ASTM C117  
 02/A09 ASTM C127  
 02/A10 ASTM C128  
 02/A11 ASTM C131  
 02/A12 ASTM C136  
 02/A15 ASTM D75  
 02/A16 ASTM D2419  
 02/A44 ASTM C566  
 02/A46 ASTM C535

**Concrete**

02/A01 ASTM C39  
 02/A02 ASTM C617  
 02/A41 ASTM C192  
 02/A43 ASTM C1064  
 02/A45 ASTM C42  
 02/G01 ASTM C31/C172/C143/C138/C231  
 02/G02 ASTM C173

**Road and Paving Materials**

02/M08 ASTM D979  
 02/M11 ASTM D1188  
 02/M13 ASTM D1560  
 02/M14 ASTM D1561  
 02/M25 ASTM D2726

**Soil and Rock**

02/L01 ASTM D4220  
 02/L02 ASTM D422  
 02/L04 ASTM D698  
 02/L05 ASTM D854  
 02/L06 ASTM D1140  
 02/L07 ASTM D1556  
 02/L08 ASTM D1557  
 02/L18 ASTM D3080  
 02/L20 ASTM D4318  
 02/L23 ASTM D2922  
 02/L25 ASTM D3017  
 02/L47 ASTM D2844

**Standard Practices**

02/A38 ASTM E329  
 02/A39 ASTM C1077  
 02/L32 ASTM D3740  
 02/M26 ASTM D3666

NVLAP LAB CODE 100408-0

**NAWC AD 5.1.7.3. EMI Lab**

48256 Shaw Road, MS# 3, Bldg. 1461  
 Patuxent River, MD 20670-5304  
 Contact: Mr. Kenneth A. Brezinski  
 Phone: 301-342-4161 x111  
 Fax: 301-826-4781

**MIL-STD-462 Test Methods**

Accreditation Valid Through: March 31, 1997

*NVLAP*

*Code Designation*

**Conducted Emissions:**

12/A01 MIL-STD-462 Method CE01  
 12/A04 MIL-STD-462 Method CE02  
 12/A06 MIL-STD-462 Method CE03  
 12/A08 MIL-STD-462 Method CE04

**Conducted Susceptibility:**

12/B01 MIL-STD-462 Method CS01  
 12/B02 MIL-STD-462 Method CS02  
 12/B05 MIL-STD-462 Method CS06

**Radiated Emissions:**

12/D01 MIL-STD-462 Method RE01  
 12/D02 MIL-STD-462 Method RE02

**Radiated Susceptibility:**

12/E01 MIL-STD-462 Method RS01  
 12/E02 MIL-STD-462 Method RS02  
 12/E03 MIL-STD-462 Method RS03 (Consult laboratory for field strengths available)  
 12/E04 MIL-STD-462 Method RS03 employing RADHAZ procedures for high level testing (Consult laboratory for field strengths available)

NVLAP LAB CODE 100409-0

**Inchcape Testing Services NA, Inc.**

4317-A Park Drive N.W.  
 Norcross, GA 30093-2968  
 Contact: Mr. Jeffrey W. Whitmire  
 Phone: 770-925-2444  
 Fax: 770-925-7294

**FCC Test Methods**

Accreditation Valid Through: December 31, 1997

*NVLAP*

*Code Designation*

**Federal Communications Commission (FCC) Methods**

12/F01 FCC Method - 47 CFR Part 15 - Digital Devices  
 12/F01a Conducted Emissions, Power Lines, 450 KHz to 30 MHz  
 12/F01b Radiated Emissions  
 12/T01 Terminal Equipment Network Protection Standards, FCC Method - 47 CFR Part 68 - Analog and Digital  
 12/T01a 68.302 (Par. c,d,e,f) Environmental simulation; 68.304 Leakage current limit.; 68.306 Hazardous voltage limit.; 68.308 Signal power

	limit.; 68.310 Longitudinal balance limit.;
	68.312 On-hook impedance limit.; 68.314
	Billing protection
12/T01b	68.316 Hearing Aid Compatibility: technical standards
12/T01c	68.302 Environmental simulation (Par. a,b)

**NVLAP LAB CODE 100411-0**

**Northern Telecom Inc. (MCS)**

2305 Mission College Boulevard  
P.O. Box 58173  
Santa Clara, CA 95052-8173  
Contact: Mr. Kenneth Dorn  
Phone: 408-565-2186  
Fax: 408-565-2575  
E-Mail: ken.dorn@nt.com

**FCC Test Methods**

Accreditation Valid Through: March 31, 1997

*NVLAP*

*Code      Designation*

**Federal Communications Commission (FCC) Methods**

12/F01	FCC Method - 47 CFR Part 15 - Digital Devices
12/F01a	Conducted Emissions, Power Lines, 450 KHz to 30 MHz
12/F01b	Radiated Emissions
12/T01	Terminal Equipment Network Protection Standards, FCC Method - 47 CFR Part 68 - Analog and Digital
12/T01a	68.302 (Par. c,d,e,f) Environmental simulation; 68.304 Leakage current limit.; 68.306 Hazardous voltage limit.; 68.308 Signal power limit.; 68.310 Longitudinal balance limit.; 68.312 On-hook impedance limit.; 68.314 Billing protection
12/T01b	68.316 Hearing Aid Compatibility: technical standards
12/T01c	68.302 Environmental simulation (Par. a,b)

**International Special Committee on Radio Interference (CISPR) Methods**

12/CIS22	IEC/CISPR 22:1993: Limits and methods of measurement of radio disturbance characteristics of information technology equipment
----------	---

**NVLAP LAB CODE 100413-0**

**Digital Equipment Corporation, Marlboro E.M.C. Test Facilities**

200 Forest Street  
Marlboro, MA 01752  
Contact: Mr. Stephen Gilmette  
Phone: 508-467-7504  
Fax: 508-467-2846

**FCC Test Methods**

Accreditation Valid Through: March 31, 1997

*NVLAP*

*Code      Designation*

**Federal Communications Commission (FCC) Methods**

12/F01	FCC Method - 47 CFR Part 15 - Digital Devices
12/F01a	Conducted Emissions, Power Lines, 450 KHz to 30 MHz
12/F01b	Radiated Emissions

**NVLAP LAB CODE 100414-0**

**Underwriters Laboratories Inc.**

333 Pfingsten Road  
Northbrook, IL 60062-2096  
Contact: Mr. J. R. Beyreis  
Phone: 847-272-8800  
Fax: 847-272-8129

**Thermal Insulation Materials**

Accreditation Valid Through: December 31, 1997

*NVLAP*

*Code      Designation*

**Corrosiveness**

01/C01	ASTM C739 (Sec. 9)
01/C02	16 CFR-Part 1209.5

**Flammability**

01/F02	ASTM E84
01/F07	16 CFR-Part 1209.6
01/F08	16 CFR-Part 1209.7
01/F09	ASTM C739 (Sec. 10)
01/F10	ASTM C739 (Sec. 14)

**Mass, Density, and Dimensional Stability**

01/D01	ASTM C136
01/D14	ASTM C520
01/D24	ASTM C739 (Sec. 12)
01/D26	16 CFR-Part 1209.4
01/D27	ASTM C739 (Sec. 8)

**Related Material Properties**

01/V05	ASTM C739 (Sec. 11)
01/V06	ASTM C739 (Sec. 15)

**Thermal Resistance**

01/T06	ASTM C518
01/T09	ASTM C653
01/T10	ASTM C687

**FCC Test Methods**

Accreditation Valid Through: December 31, 1997

*NVLAP*

*Code      Designation*

**Federal Communications Commission (FCC) Methods**

12/F01	FCC Method - 47 CFR Part 15 - Digital Devices
12/F01a	Conducted Emissions, Power Lines, 450 KHz to 30 MHz
12/F01b	Radiated Emissions

**International Special Committee on Radio Interference (CISPR) Methods**

12/CIS22	IEC/CISPR 22:1993: Limits and methods of measurement of radio disturbance
----------	---

**INDEX D. LISTING OF TESTING LABORATORIES BY NVLAP LAB CODE - continued**

characteristics of information technology  
equipment

**NVLAP LAB CODE 100416-0**

**SGS U.S. Testing Company, Inc.**

1341 North 108th East Avenue  
Tulsa, OK 74116-5637  
Contact: Mr. Dale E. Holloway  
Phone: 918-437-8333  
Fax: 918-437-8487

**Thermal Insulation Materials**

Accreditation Valid Through: December 31, 1997

*NVLAP*

*Code Designation*

**Corrosiveness**

01/C01 ASTM C739 (Sec. 9)  
01/C02 16 CFR-Part 1209.5

**Flammability**

01/F08 16 CFR-Part 1209.7

**Mass, Density, and Dimensional Stability**

01/D02 ASTM C167  
01/D09 ASTM C303  
01/D18 ASTM D1622  
01/D24 ASTM C739 (Sec. 12)  
01/D26 16 CFR-Part 1209.4  
01/D27 ASTM C739 (Sec. 8)

**Related Material Properties**

01/V04 ASTM E96  
01/V05 ASTM C739 (Sec. 11)  
01/V06 ASTM C739 (Sec. 15)

**Strength**

01/S02 ASTM C203

**Commercial Products Testing**

Accreditation Valid Through: December 31, 1997

*NVLAP*

*Code Designation*

**Plumbing**

19/F01 ASME A112.18.1M (Sec. 5.2)  
19/F02 ASME A112.18.1M (Sec. 5.14)  
19/F03 ASME A112.18.1M (Sec. 6.2)  
19/F04 ASME A112.18.1M (Sec. 6.4)  
19/F05 ASME A112.18.1M (Sec. 6.5)  
19/F06 ASME A112.18.1M (Sec. 6.6)  
19/F07 ASME A112.18.1M (Sec. 6.7)  
19/F08 ASME A112.18.1M (Sec. 6.8)  
19/F09 ASME A112.18.1M (Sec. 5.13)  
19/F10 ASME A112.18.1M (Sec. 6.3)  
19/M01 ANSI/CABO A117.1 (Sec. 4.24)  
19/M02 ASME/ANSI A112.19.7M (Sec. 5, 7)  
19/M03 ASME/ANSI A112.19.8M (Sec. 4, 5)  
19/M04 ASTM F446  
19/M05 ASTM F462  
19/P01 ANSI Z124.1 (Sec. 4, 5, 6)  
19/P02 ANSI Z124.2 (Sec. 4, 5, 6)  
19/P03 ANSI Z124.3 (Sec. 4, 5, 6)  
19/P04 ANSI Z124.4 (Sec. 4, 5)  
19/P05 ANSI Z124.4 (Sec. 2.11) per ASME  
A112.19.6M (Sec. 7.1)  
19/P06 ANSI/IAPMO Z124.6 (Sec. 4, 5, 6)

19/P07 ANSI/IAPMO Z124.8 (Sec. 4, 5)  
19/V01 ASME A112.19.2M (Sec. 7.1)  
19/V02 ASME A112.19.2M (Sec. 7.2)  
19/V03 ASME A112.19.2M (Sec. 7.3)  
19/V04 ASME A112.19.2M (Sec. 7.4)  
19/V05 ASME A112.19.2M (Sec. 7.5)  
19/V06 ASME A112.19.2M (Sec. 7.7)  
19/W01 ASME A112.19.6 (Sec. 7.1.2)  
19/W02 ASME A112.19.6 (Sec. 7.1.3)  
19/W03 ASME A112.19.6 (Sec. 7.1.4)  
19/W04 ASME A112.19.6 (Sec. 7.1.5)  
19/W05 ASME A112.19.6 (Sec. 7.1.6)  
19/W06 ASME A112.19.6 (Sec. 7.1.7)  
19/W07 ASME A112.19.6 (Sec. 7.1.8)  
19/W08 ASME A112.19.6 (Sec. 7.1.9)

**NVLAP LAB CODE 100417-0**

**Center For Applied Engineering, Inc.**

10301 9th Street North  
St. Petersburg, FL 33716  
Contact: Dr. Stanley R. Prince  
Phone: 813-578-4359  
Fax: 813-578-4280

**Acoustical Testing Services**

Accreditation Valid Through: December 31, 1997

*NVLAP*

*Code Designation*

08/P02 ASTM C384  
08/P03 ASTM C423  
08/P04 ASTM C522  
08/P06 ASTM E90  
08/P07 ASTM E492  
08/P30 ASTM E1408  
08/P34 ASTM E1414 (AMA-1-11-67)

**Thermal Insulation Materials**

Accreditation Valid Through: December 31, 1997

*NVLAP*

*Code Designation*

**Flammability**

01/F02 ASTM E84

**Mass, Density, and Dimensional Stability**

01/D03 ASTM C209 (Sec. 6)  
01/D04 ASTM C209 (Sec. 13)  
01/D05 ASTM C209 (S. 13) by D1037 (S. 100-106)  
01/D06 ASTM C209 (S. 14) by D1037 (S. 107-110)  
01/D07 ASTM C272  
01/D18 ASTM D1622  
01/D19 ASTM D2126  
01/D23 ASTM D2842

**Related Material Properties**

01/V04 ASTM E96

**Strength**

01/S01a ASTM C165 (Proc. A only)  
01/S02 ASTM C203  
01/S03 ASTM C209 (Sec. 9)  
01/S04 ASTM C209 (Sec. 10)  
01/S05 ASTM C209 (Sec. 11)  
01/S06 ASTM C209 (Sec. 12)  
01/S07 ASTM C273



01/S10 ASTM D828  
 01/S11 ASTM D1621 (Proc. A)

**Thermal Resistance**

01/T01 ASTM C177  
 01/T04 ASTM C236  
 01/T06 ASTM C518

**Commercial Products Testing**

Accreditation Valid Through: December 31, 1997

*NVLAP*

*Code Designation*

**Paints and Related Coatings and Materials**

09/A02 ASTM D93 (Method A)  
 09/A07 ASTM D523  
 09/A10 ASTM D1186  
 09/A16 ASTM D1400  
 09/A17 ASTM D1475  
 09/A22 ASTM D3363  
 09/B05 ASTM D4214  
 09/B24 ASTM D522  
 09/B29 ASTM D2486  
 09/B31 ASTM D2805  
 09/B37 ASTM D4060  
 09/B43 ASTM D3359  
 09/B44 ASTM D4828  
 09/C26 ASTM D2369  
 09/C28 ASTM D2697  
 09/C38 ASTM D3792  
 09/C39 ASTM D3960  
 09/C40 ASTM D4017  
 09/C41 ASTM D4457  
 09/D01 ASTM B117  
 09/D16 ASTM G53

**NVLAP LAB CODE 100418-0**

**National Particleboard Association**

18928 Premiere Court  
 Gaithersburg, MD 20879-1569  
 Contact: Mr. Gary Heroux  
 Phone: 301-670-0604  
 Fax: 301-840-1252

**Wood Based Products**

Accreditation Valid Through: September 30, 1997

*NVLAP*

*Code Designation*

**General Wood Products**

23/G02 ASTM D1037 (Part A, Sec. 11-20)  
 23/G03 ASTM D1037 (Part A, Sec. 28-33)

**Particleboard and Medium-Density Fiberboard**

23/P02 ASTM D1037 (Part A, Sec. 61-67)  
 23/P03 ASTM D1037 (Part A, Sec. 68-73)  
 23/P05 ASTM D1037 (Part A, Sec. 100-106)  
 23/P06 ASTM D1037 (Part A, Sec. 107-110)  
 23/P08 ASTM D1037 (Part A, Sec. 126-127)  
 23/P09 ANSI/A208.1 (Sec. 3.4.4)  
 23/T01 ASTM E1333  
 23/T02 FTM 1-83  
 23/T03 EN 120:92

**NVLAP LAB CODE 100419-0**

**Test Site Services, Inc.**

P.O. Box 766  
 Marlboro, MA 01752  
 Contact: Mr. Richard L. Wiedeman  
 Phone: 508-481-1684  
 Fax: 508-481-1684

**FCC Test Methods**

Accreditation Valid Through: September 30, 1997

*NVLAP*

*Code Designation*

**Australian Standards referred to by clauses in AUSTEL**

**Technical Standards**

12/T51 AS-3548

**Federal Communications Commission (FCC) Methods**

12/F01 FCC Method - 47 CFR Part 15 - Digital  
 Devices  
 12/F01a Conducted Emissions, Power Lines, 450 KHz  
 to 30 MHz  
 12/F01b Radiated Emissions

**International Special Committee on Radio Interference**

**(CISPR) Methods**

12/CIS22 IEC/CISPR 22:1993: Limits and methods of  
 measurement of radio disturbance  
 characteristics of information technology  
 equipment

**NVLAP LAB CODE 100420-0**

**Timberco, Inc.- dba TECO**

86305 College View Road  
 Eugene, OR 97405-9631  
 Contact: Mr. Darin Thompson  
 Phone: 541-746-8271  
 Fax: 541-747-1630

**Wood Based Products**

Accreditation Valid Through: December 31, 1997

*NVLAP*

*Code Designation*

**General Wood Products**

23/G01 ASTM D906  
 23/G02 ASTM D1037 (Part A, Sec. 11-20)  
 23/G03 ASTM D1037 (Part A, Sec. 28-33)  
 23/G04 ASTM D2395 (Method A)  
 23/G07 ASTM D3043 (Method C)  
 23/G08 ASTM D4442 (Method A)  
 23/G09 ASTM D4442 (Method B)  
 23/G10 ASTM E72  
 23/G11 ASTM E72 (Wet)  
 23/G12 ASTM E564

**Hardwood Plywood**

23/H01 HP-1 (Sec. 4.3)  
 23/H02 HP-1 (Sec. 4.4)  
 23/H03 HP-1 (Sec. 4.6)  
 23/H04 ASTM E96

**Particleboard and Medium-Density Fiberboard**

23/P01 ASTM D1037 (Part A, Sec. 21-27)



**INDEX D. LISTING OF TESTING LABORATORIES BY NVLAP LAB CODE - continued**

23/P02	ASTM D1037 (Part A, Sec. 61-67)
23/P03	ASTM D1037 (Part A, Sec. 68-73)
23/P05	ASTM D1037 (Part A, Sec. 100-106)
23/P06	ASTM D1037 (Part A, Sec. 107-110)
23/P07	ASTM D1037 (Part A, Sec. 118-124)
23/P08	ASTM D1037 (Part A, Sec. 126-127)
23/P09	ANSI/A208.1 (Sec. 3.4.4)
23/T01	ASTM E1333
23/T02	FTM 1-83
<b>Structural Composite Lumber, Glulam, I-Joists, Laminated Veneer Lumber</b>	
23/J01	ASTM D143 (Sec. 47-54)
23/J02	ASTM D143 (Sec. 90-94)
23/J04	ASTM D198 (Sec. 4-11)
23/J06	ASTM D905
23/J07	ASTM D1037 (Part A, Sec. 87-90)
23/J08	ASTM D1101
23/J09	ASTM D1761 (Sec. 1-11)
23/J10	ASTM D2559 (Resistance to Shear)
23/J11	ASTM D2559 (Resistance to Delamination)
23/J12	ASTM D4688
23/J13	AITC 200 (T106)
23/J14	AITC 200 (T107)
23/J15	AITC 200 (T110)
23/J16	AITC 200 (T114)
23/J17	AITC 200 (T116)
23/J20	ASTM D3110
<b>Structural Use Panels</b>	
23/S04	ASTM E661
23/S05	PS-1 (Sec. 4.5.2)
23/S06	PS-1 (Sec. 4.5.3) (CAN/CSA-0325.1-88)
23/S07	PS-2 (Sec. 6.4.1) (CAN/CSA-0325.1-88)
23/S08	PS-2 (Sec. 6.4.2) (CAN/CSA-0325.1-88)
23/S09	PS-2 (Sec. 6.4.4) (CAN/CSA-0325.1-88)
23/S10	PS-2 (Sec. 6.4.7) (CAN/CSA-0325.1-88)
23/S11	PS-2 (Sec. 6.4.8) (CAN/CSA-0325.1-88)
23/S12	PS-2 (Sec. 6.4.9) (CAN/CSA-0325.1-88)
23/S13	PS-2 (Sec. 6.4.17) (CAN/CSA-0325.1-88)
23/S14	PS-2 (Sec. 6.4.18) (CAN/CSA-0325.1-88)
23/S15	PS-2 (Sec. 6.4.19) (Supplement No.1-92 to CAN/CSA-0325.1-88)
23/S16	PS-2 (Sec. 6.4.20) (Supplement No.1-92 to CAN/CSA-0325.1-88)

**NVLAP LAB CODE 100421-0**

**PFS Corporation**

2402 Daniels Street  
 Madison, WI 53704-6798  
 Contact: Mr. James P. VanSchoyck  
 Phone: 608-221-3361  
 Fax: 608-223-5560

**Wood Based Products**

Accreditation Valid Through: December 31, 1997

**NVLAP**

Code      Designation

**General Wood Products**

23/G01	ASTM D906
23/G02	ASTM D1037 (Part A, Sec. 11-20)
23/G03	ASTM D1037 (Part A, Sec. 28-33)

23/G04	ASTM D2395 (Method A)
23/G05	ASTM D2718
23/G08	ASTM D4442 (Method A)
23/G09	ASTM D4442 (Method B)
23/G10	ASTM E72
23/G11	ASTM E72 (Wet)
23/G12	ASTM E564
23/G13	ASTM E695
23/G14	AFG-01-84 (Sec. 3.1)
23/G15	AFG-01-84 (Sec. 3.2)
23/G16	ASTM E489
23/G17	ASTM E767

**Hardwood Plywood**

23/H01	HP-1 (Sec. 4.3)
23/H02	HP-1 (Sec. 4.4)
23/H03	HP-1 (Sec. 4.6)
23/H04	ASTM E96

**Particleboard and Medium-Density Fiberboard**

23/P01	ASTM D1037 (Part A, Sec. 21-27)
23/P02	ASTM D1037 (Part A, Sec. 61-67)
23/P03	ASTM D1037 (Part A, Sec. 68-73)
23/P04	ASTM D1037 (Part A, Sec. 81-86)
23/P05	ASTM D1037 (Part A, Sec. 100-106)
23/P06	ASTM D1037 (Part A, Sec. 107-110)
23/P07	ASTM D1037 (Part A, Sec. 118-124)
23/P08	ASTM D1037 (Part A, Sec. 126-127)
23/P09	ANSI/A208.1 (Sec. 3.4.4)
23/T01	ASTM E1333
23/T02	FTM 1-83

**Sandwich Constructions**

23/X01	ASTM C273
23/X02	ATSM C297
23/X03	ASTM C365 (Method A)
23/X04	ASTM C393
23/X05	ASTM C480
23/X06	ASTM C481
23/X07	ASTM D1183

**Structural Composite Lumber, Glulam, I-Joists, Laminated Veneer Lumber**

23/J01	ASTM D143 (Sec. 47-54)
23/J02	ASTM D143 (Sec. 90-94)
23/J03	ASTM D143 (Sec. 100-104)
23/J04	ASTM D198 (Sec. 4-11)
23/J06	ASTM D905
23/J07	ASTM D1037 (Part A, Sec. 87-90)
23/J08	ASTM D1101
23/J09	ASTM D1761 (Sec. 1-11)
23/J10	ASTM D2559 (Resistance to Shear)
23/J11	ASTM D2559 (Resistance to Delamination)
23/J12	ASTM D4688
23/J13	AITC 200 (T106)
23/J14	AITC 200 (T107)
23/J15	AITC 200 (T110)
23/J16	AITC 200 (T114)
23/J17	AITC 200 (T116)

**Structural Use Panels**

23/S01	ASTM D3044
23/S03	ASTM D3501 (Method B)
23/S04	ASTM E661
23/S05	PS-1 (Sec. 4.5.2)
23/S06	PS-1 (Sec. 4.5.3) (CAN/CSA-0325.1-88)

23/S07	PS-2 (Sec. 6.4.1) (CAN/CSA-0325.1-88)
23/S08	PS-2 (Sec. 6.4.2) (CAN/CSA-0325.1-88)
23/S09	PS-2 (Sec. 6.4.4) (CAN/CSA-0325.1-88)
23/S10	PS-2 (Sec. 6.4.7) (CAN/CSA-0325.1-88)
23/S11	PS-2 (Sec. 6.4.8) (CAN/CSA-0325.1-88)
23/S12	PS-2 (Sec. 6.4.9) (CAN/CSA-0325.1-88)
23/S13	PS-2 (Sec. 6.4.17) (CAN/CSA-0325.1-88)
23/S14	PS-2 (Sec. 6.4.18) (CAN/CSA-0325.1-88)
23/S15	PS-2 (Sec. 6.4.19) (Supplement No.1-92 to CAN/CSA-0325.1-88)
23/S16	PS-2 (Sec. 6.4.20) (Supplement No.1-92 to CAN/CSA-0325.1-88)

NVLAP LAB CODE 100422-0

**PRIMES (Preflight Integration of Munitions & Electronic Systems)**

46 TW/TSWW  
40I W. Choctawhatchee Ave, Suite 265  
Eglin Air Force Base, FL 32542-5724  
Contact: Ms. Kathy S. Render  
Phone: 904-882-9354  
Fax: 904-882-9357  
E-Mail: render@eglin.af.mil

**MIL-STD-462 Test Methods**

Accreditation Valid Through: September 30, 1997

*NVLAP*

<i>Code</i>	<i>Designation</i>
-------------	--------------------

**Conducted Emissions:**

12/A01	MIL-STD-462 Method CE01
12/A04	MIL-STD-462 Method CE02
12/A06	MIL-STD-462 Method CE03
12/A08	MIL-STD-462 Method CE04
12/A10	MIL-STD-462 Method CE06
12/A12	MIL-STD-462 Method CE07

**Conducted Susceptibility:**

12/B01	MIL-STD-462 Method CS01
12/B02	MIL-STD-462 Method CS02
12/B04	MIL-STD-462 Method CS03/CS04/CS05/CS08
12/B05	MIL-STD-462 Method CS06
12/B06	MIL-STD-462 Method CS07
12/B07	MIL-STD-462 Method CS09
12/B08	MIL-STD-462 Method CS10
12/B09	MIL-STD-462 Method CS11
12/B10	MIL-STD-462 Method CS12
12/B11	MIL-STD-462 Method CS13

**Radiated Emissions:**

12/D01	MIL-STD-462 Method RE01
12/D02	MIL-STD-462 Method RE02
12/D03	MIL-STD-462 Method RE03

**Radiated Susceptibility:**

12/E01	MIL-STD-462 Method RS01
12/E02	MIL-STD-462 Method RS02
12/E03	MIL-STD-462 Method RS03 (Consult laboratory for field strengths available)
12/E04	MIL-STD-462 Method RS03 employing RADHAZ procedures for high level testing (Consult laboratory for field strengths available)
12/E05	MIL-STD-462 Method RS05

12/E07 MIL-STD-462 Method RS06

NVLAP LAB CODE 100423-0

**APA - The Engineered Wood Association  
Research Center**

7011 South 19th Street  
P.O. Box 11700  
Tacoma, WA 98411-0700  
Contact: Mr. Michael R. O'Halloran  
Phone: 206-565-6600  
Fax: 206-565-7265  
E-Mail: mike.ohalloran@apawood.org

**Wood Based Products**

Accreditation Valid Through: December 31, 1997

*NVLAP*

<i>Code</i>	<i>Designation</i>
-------------	--------------------

**General Wood Products**

23/G05	ASTM D2718
23/G06	ASTM D2719 (Method C)
23/G07	ASTM D3043 (Method C)
23/G10	ASTM E72
23/G11	ASTM E72 (Wet)

**Structural Composite Lumber, Glulam, I-Joists,**

**Laminated Veneer Lumber**

23/J04	ASTM D198 (Sec. 4-11)
23/J05	ASTM D198 (Sec. 28-35)
23/J09	ASTM D1761 (Sec. 1-11)
23/J10	ASTM D2559 (Resistance to Shear)
23/J11	ASTM D2559 (Resistance to Delamination)
23/J12	ASTM D4688

**Structural Use Panels**

23/S01	ASTM D3044
23/S02	ASTM D3500 (Method B)
23/S03	ASTM D3501 (Method B)
23/S04	ASTM E661
23/S07	PS-2 (Sec. 6.4.1) (CAN/CSA-0325.1-88)
23/S08	PS-2 (Sec. 6.4.2) (CAN/CSA-0325.1-88)
23/S09	PS-2 (Sec. 6.4.4) (CAN/CSA-0325.1-88)
23/S10	PS-2 (Sec. 6.4.7) (CAN/CSA-0325.1-88)
23/S11	PS-2 (Sec. 6.4.8) (CAN/CSA-0325.1-88)
23/S12	PS-2 (Sec. 6.4.9) (CAN/CSA-0325.1-88)
23/S13	PS-2 (Sec. 6.4.17) (CAN/CSA-0325.1-88)
23/S14	PS-2 (Sec. 6.4.18) (CAN/CSA-0325.1-88)
23/S15	PS-2 (Sec. 6.4.19) (Supplement No.1-92 to CAN/CSA-0325.1-88)
23/S16	PS-2 (Sec. 6.4.20) (Supplement No.1-92 to CAN/CSA-0325.1-88)

NVLAP LAB CODE 100424-0

**Vibro-Acoustics Laboratory**

727 Tapscott Road  
Scarborough Ontario M1X 1A2  
CANADA  
Contact: Mr. Robert Gault  
Phone: 416-291-7371  
Fax: 416-291-8049

**Acoustical Testing Services**

Accreditation Valid Through: December 31, 1997

*NVLAP*

<i>Code</i>	<i>Designation</i>
08/P36	ASTM E477

**NVLAP LAB CODE 100425-0**

**Schuller International, Inc., Mountain Technical Center**

10100 West Ute Avenue  
 P.O. Box 625005  
 Littleton, CO 80162-5005  
 Contact: Mr. Mark A. Albers  
 Phone: 303-978-5008  
 Fax: 303-978-3123  
 E-Mail: albersm@schuller.com

**Acoustical Testing Services**

Accreditation Valid Through: June 30, 1997

*NVLAP*

<i>Code</i>	<i>Designation</i>
08/P03	ASTM C423
08/P04	ASTMC522
08/P06	ASTM E90
08/P10	ANSI S12.31 (ISO 3741)
08/P13	ANSI S12.32 (ISO 3742)
08/P24	ANSI S12.10 (ISO 7779)
08/P35	ASTM E1050

**Thermal Insulation Materials**

Accreditation Valid Through: June 30, 1997

*NVLAP*

<i>Code</i>	<i>Designation</i>
-------------	--------------------

**Flammability**

01/F01	TAPPI T461-OM
01/F02	ASTM E84
01/F05	ASTM E136

**Mass, Density, and Dimensional Stability**

01/D02	ASTM C167
01/D03	ASTM C209 (Sec. 6)
01/D04	ASTM C209 (Sec. 13)
01/D05	ASTM C209 (S. 13) by D1037 (S. 100-106)
01/D06	ASTM C209 (S. 14) by D1037 (S. 107-110)
01/D07	ASTM C272
01/D08	ASTM C302
01/D09	ASTM C303
01/D11	ASTM C356
01/D12	ASTM C411
01/D13	ASTM C519

**Related Material Properties**

01/V07	ASTM C1104/C1104M
--------	-------------------

**Strength**

01/S01a	ASTM C165 (Proc. A only)
01/S02	ASTM C203
01/S03	ASTM C209 (Sec. 9)
01/S04	ASTM C209 (Sec. 10)
01/S05	ASTM C209 (Sec. 11)
01/S06	ASTM C209 (Sec. 12)
01/S08	ASTM C446
01/S10	ASTM D828

**Thermal Resistance**

01/T01	ASTM C177
01/T05	ASTM C335
01/T06	ASTM C518
01/T10	ASTM C687
01/T11	ASTM C976

**NVLAP LAB CODE 100426-0**

**International Compliance Corporation**

802 N. Kealy  
 Lewisville, TX 75057-3136  
 Contact: Mr. Kurt B. Fischer  
 Phone: 972-436-9600  
 Fax: 972-436-2667  
 E-Mail: kfischer@icomply.com

**FCC Test Methods**

Accreditation Valid Through: December 31, 1997

*NVLAP*

<i>Code</i>	<i>Designation</i>
-------------	--------------------

**Federal Communications Commission (FCC) Methods**

12/F01	FCC Method - 47 CFR Part 15 - Digital Devices
12/F01a	Conducted Emissions, Power Lines, 450 KHz to 30 MHz
12/F01b	Radiated Emissions

**International Special Committee on Radio Interference (CISPR) Methods**

12/CIS22	IEC/CISPR 22:1993: Limits and methods of measurement of radio disturbance characteristics of information technology equipment
----------	---

**NVLAP LAB CODE 100427-0**

**Michael & Associates**

246 Woodland Drive  
 State College, PA 16803  
 Contact: Mr. Kevin Michael  
 Phone: 814-234-7042  
 Fax: 814-235-1381  
 E-Mail: Michael1@vicon.net

**Acoustical Testing Services**

Accreditation Valid Through: December 31, 1997

*NVLAP*

<i>Code</i>	<i>Designation</i>
08/P26	ANSI S3.19
08/P27	ANSI S12.6

**NVLAP LAB CODE 100428-0**

**Matsushita EMC Center**

Yunitopia Sasayama, Yashiro  
 Sasayama-cho  
 Taki-gun, Hyogo 669-23  
 JAPAN  
 Contact: Mr. Katsuo Ishihara  
 Phone: 81-795-52-5681  
 Fax: 81-795-52-5682  
 E-Mail: PAN02796@pas.mei.co.jp



**FCC Test Methods**

Accreditation Valid Through: December 31, 1997

*NVLAP*

*Code Designation*

**Federal Communications Commission (FCC) Methods**

- 12/F01 FCC Method - 47 CFR Part 15 - Digital Devices
- 12/F01a Conducted Emissions, Power Lines, 450 KHz to 30 MHz
- 12/F01b Radiated Emissions

**International Special Committee on Radio Interference (CISPR) Methods**

- 12/CIS22 IEC/CISPR 22:1993: Limits and methods of measurement of radio disturbance characteristics of information technology equipment

**NVLAP LAB CODE 100429-0**

**Queen Carpet Test Laboratory**

2305 Lakeland Road, P.O. Box 1527  
Dalton, GA 30722-1527  
Contact: Mr. Brian Medlin  
Phone: 706-277-1900  
Fax: 706-277-5497

**Carpet and Carpet Cushion**

Accreditation Valid Through: December 31, 1997

*NVLAP*

*Code Designation*

**Tests Applicable to Carpet and Carpet Cushion**

- 03/T01 AATCC 16 (Option E)
- 03/T02 ASTM D2646 (Secs. 16-24)
- 03/T04 16 CFR Part 1630 (FF-1-70)

**Tests Applicable to Carpets**

- 03/G04 AATCC 165
- 03/G05 ASTM D418 (Sec. 8)
- 03/G06 ASTM D418 (Sec. 9)
- 03/G07 ASTM D418 (Secs. 10-11)
- 03/G08 ASTM D418 (Sec. 13)
- 03/G09 ASTM D1335
- 03/G10 ASTM D3936
- 03/G12 ASTM E648
- 03/G13 ASTM E662

**NVLAP LAB CODE 100430-0**

**Professional Service Industries, Inc., Pittsburgh Test. Lab. Div.**

545 Conger Street  
Eugene, OR 97402  
Contact: Mr. Randy T. Webb  
Phone: 541-484-9212  
Fax: 541-344-2735

**Wood Based Products**

Accreditation Valid Through: March 31, 1997

*NVLAP*

*Code Designation*

**General Wood Products**

- 23/G02 ASTM D1037 (Part A, Sec. 11-20)

- 23/G03 ASTM D1037 (Part A, Sec. 28-33)
- 23/G07 ASTM D3043 (Method C)
- 23/G08 ASTM D4442 (Method A)
- 23/G10 ASTM E72
- 23/G11 ASTM E72 (Wet)

**Particleboard and Medium-Density Fiberboard**

- 23/P05 ASTM D1037 (Part A, Sec. 100-106)
- 23/P06 ASTM D1037 (Part A, Sec. 107-110)
- 23/T01 ASTM E1333
- 23/T02 FTM 1-83

**Structural Use Panels**

- 23/S04 ASTM E661
- 23/S05 PS-1 (Sec. 4.5.2)
- 23/S06 PS-1 (Sec. 4.5.3) (CAN/CSA-0325.1-88)
- 23/S07 PS-2 (Sec. 6.4.1) (CAN/CSA-0325.1-88)
- 23/S08 PS-2 (Sec. 6.4.2) (CAN/CSA-0325.1-88)
- 23/S09 PS-2 (Sec. 6.4.4) (CAN/CSA-0325.1-88)
- 23/S10 PS-2 (Sec. 6.4.7) (CAN/CSA-0325.1-88)
- 23/S11 PS-2 (Sec. 6.4.8) (CAN/CSA-0325.1-88)
- 23/S12 PS-2 (Sec. 6.4.9) (CAN/CSA-0325.1-88)
- 23/S13 PS-2 (Sec. 6.4.17) (CAN/CSA-0325.1-88)
- 23/S14 PS-2 (Sec. 6.4.18) (CAN/CSA-0325.1-88)
- 23/S15 PS-2 (Sec. 6.4.19) (Supplement No.1-92 to CAN/CSA-0325.1-88)
- 23/S16 PS-2 (Sec. 6.4.20) (Supplement No.1-92 to CAN/CSA-0325.1-88)

**NVLAP LAB CODE 100431-0**

**PCTEST Engineering Laboratory, Inc.**

6660-B Dobbin Road  
Columbia, MD 21045-4708  
Contact: Mr. Randy Ortanez  
Phone: 410-290-6652  
Fax: 410-290-6654  
E-Mail: randy@pctestlab.com

**FCC Test Methods**

Accreditation Valid Through: September 30, 1997

*NVLAP*

*Code Designation*

**Australian Standards referred to by clauses in AUSTEL**

**Technical Standards**

- 12/T51 AS-3548

**Federal Communications Commission (FCC) Methods**

- 12/F01 FCC Method - 47 CFR Part 15 - Digital Devices
- 12/F01a Conducted Emissions, Power Lines, 450 KHz to 30 MHz
- 12/F01b Radiated Emissions

**International Special Committee on Radio Interference (CISPR) Methods**

- 12/CIS22 IEC/CISPR 22:1993: Limits and methods of measurement of radio disturbance characteristics of information technology equipment



NVLAP LAB CODE 100432-0

**InfoGard Laboratories**

1308 Broad Street, Suite 74  
 San Luis Obispo, CA 93401  
 Contact: Mr. Les Biggs  
 Phone: 805-466-2518  
 Fax: 805-466-3228  
 E-Mail: 73141.2610@compuserve.com

**Cryptographic Modules Testing**

Accreditation Valid Through: June 30, 1997

*NVLAP*

*Code Designation*

- 17/C01 NIST-CSTT:140-1; National Institute of Standards and Technology-Cryptographic Support Test Tool (CSTT) for the Federal Information Processing Standard 140-1 (FIPS 140-1) "Security Requirements for Cryptographic Modules."
- 17/C01a Test Method Group 1: All test methods derived from FIPS 140-1 and specified in the CSTT, except those listed in Group 2 and Group 3.
- 17/C01b Test Method Group 2: Test methods for Physical Security, Level 4 derived from FIPS 140-1 and specified in the CSTT
- 17/C01c Test Method Group 3: Test methods for Software Security, Level 4 derived from FIPS 140-1 and specified in the CSTT

NVLAP LAB CODE 100501-0

**Baltimore Gas & Electric Company**

1650 Calvert Cliffs Parkway  
 Lusby, MD 20657-4702  
 Contact: Mr. Danny R. Adams  
 Phone: 410-495-2216  
 Fax: 410-495-2263

**Ionizing Radiation Dosimetry**

Accreditation Valid Through: September 30, 1997

This facility has been evaluated and deemed competent to process the radiation dosimeter listed below through employing a Panasonic automatic reader UD710A.

This facility is accredited to process the following dosimeter by virtue of actual demonstration of compliance with ANSI HPS N13.11-1993 through testing.

Panasonic TLD model UD802 in a Panasonic UD874A holder for ANSI-N13.11 categories I, II, IIIA, IIIB, IV, VA, VB, VC, VI, VII, VIII.

NVLAP LAB CODE 100502-0

**Union Electric Company, Callaway Plant**

P.O. Box 620  
 Fulton, MO 65251-0620  
 Contact: Mr. Mike Evans  
 Phone: 314-676-8258  
 Fax: 314-676-4476

**Ionizing Radiation Dosimetry**

Accreditation Valid Through: March 31, 1997

This facility has been evaluated and deemed competent to process the radiation dosimeter listed below through employing a Panasonic Automatic reader model UD710A.

This facility is accredited to process the following dosimeter by virtue of actual demonstration of compliance with ANSI-N13.11-1983 through testing.

Panasonic TLD model UD-802-AS in a Panasonic UD-874A holder for ANSI-N13.11 categories I, II, III, IV, V, VI, VII, VIII.

NVLAP LAB CODE 100503-0

**Mallinckrodt Group, Inc.**

2703 Wagner Place  
 Maryland Heights, MO 63043  
 Contact: Mr. Roger Moroney  
 Phone: 314-770-7457  
 Fax: 314-770-7998  
 E-Mail: wrmoroc@mkg.com

**Ionizing Radiation Dosimetry**

Accreditation Valid Through: September 30, 1997

This facility has been evaluated and deemed competent to process the radiation dosimeter listed below through employing Harshaw automatic readers model 6600E, 2000D and 2000B Picoammeter.

This facility is accredited to process the following dosimeter by virtue of actual demonstration of compliance with ANSI HPS N13.11-1993 through testing.

Harshaw TLD model 100 for ANSI-N13.11 categories IV, VA, and VII.

Harshaw TLD model 8825 for ANSI-N13.11 categories II, IIIB, IV, VC, VI, VII.

NVLAP LAB CODE 100504-0

**Naval Dosimetry Center**

National Naval Medical Center  
Bethesda, MD 20889-5614  
Contact: CAPT K. Mendenhall  
Phone: 301-295-0142  
Fax: 301-295-5981  
E-Mail: ehbokgm@bumed30.med.navy.mil

**Ionizing Radiation Dosimetry**

Accreditation Valid Through: December 31, 1997

This facility has been evaluated and deemed competent to process the radiation dosimeters listed below through employing a Harshaw automatic reader model 8800.

This facility is accredited to process the following dosimeter by virtue of actual demonstration of compliance with ANSI HPS N13.11-1993 through testing.

DT 648/PD (Harshaw 4 Chip Card, 3 TLD700, 1 TLD600) in a Type 88 holder for ANSI-N13.11 categories I, II, IIIA, IIIB, IV, VA, VI, VII, VIII.

NVLAP LAB CODE 100505-0

**Duke Power Company Dosimetry Laboratory**

526 South Church Street  
P.O. Box 1006  
Charlotte, NC 28201-1006  
Contact: Mr. Donald N. Mei  
Phone: 704-382-7547  
Fax: 704-382-4477

**Ionizing Radiation Dosimetry**

Accreditation Valid Through: March 31, 1997

This facility has been evaluated and deemed competent to process the radiation dosimeter listed below through employing a Harshaw Model 8800.

This facility is accredited to process the following dosimeters by virtue of actual demonstration of compliance with ANSI-N13.11-1983 through testing.

Harshaw TLD card Type 8801 in a model 8814 BGN holder for ANSI-N13.11 categories I, II, III, IV, V, VI, VII, VIII.

NVLAP LAB CODE 100506-0

**Southern California Edison**

San Onofre Nuclear Generating Station  
5000 Pacific Coast Highway, P.O. Box 128  
San Clemente, CA 92674-0128  
Contact: Mr. James Rolph  
Phone: 714-368-7050  
Fax: 714-368-6049  
E-Mail: rolphjt@songs.sce.com

**Ionizing Radiation Dosimetry**

Accreditation Valid Through: September 30, 1997

This facility has been evaluated and deemed competent to process the radiation dosimeter listed below through employing a Panasonic automatic reader model UD710A.

This facility is accredited to process the following dosimeter by virtue of actual demonstration of compliance with ANSI HPS-N13.11-1993 through testing.

Panasonic TLD model UD802-AS2 in an ISA model 821 holder for ANSI-N13.11 categories I, II, IIIB, IV, VC, VI, VII.

NVLAP LAB CODE 100510-0

**GPU Nuclear Corp. Nuclear Services Division**

Three Mile Island, Route 441 South  
P.O. Box 480  
Middletown, PA 17057-0480  
Contact: Mr. J. M. Harworth  
Phone: 717-948-8337  
Fax: 717-948-8549  
E-Mail: jharworth@gpu.com

**Ionizing Radiation Dosimetry**

Accreditation Valid Through: September 30, 1997

This facility has been evaluated and deemed competent to process the radiation dosimeters listed below through employing a Panasonic automatic reader model UD-710A.

This facility is accredited to process the following dosimeters by virtue of actual demonstration of compliance with ANSI HPS N13.11-1993 through testing.

Panasonic TLD model UD802-AS2 in an ISA model 830 hanger for ANSI-N13.11 categories I, II, IIIA, IV, VC, VI, VII.

Panasonic TLD model UD802-AS2N in an ISA model 830 hanger with Cd over elements 1 and 2, Pb filtration over element 4 for ANSI-N13.11 categories IV, VIII.

NVLAP LAB CODE 100512-0

**Radiation Detection Company**

162 N. Wolfe Road  
 P.O. Box 3414  
 Sunnyvale, CA 94088-3414  
 Contact: Mr. Richard H. Holden  
 Phone: 408-735-8700  
 Fax: 408-735-0126

**Ionizing Radiation Dosimetry**

Accreditation Valid Through: December 31, 1997

This facility has been evaluated and deemed competent to process the radiation dosimeters listed below through employing (1) Teledyne 7300 and 310 reader; (2) Harshaw 3000A and 3500 reader; (3) Victoreen 2800 reader; (4) by manual film processing and reading on a Macbeth TD932 densitometer; or (5) Tractetch, NTA manual optical readers.

This facility is accredited to process the following dosimeters by virtue of actual demonstration of compliance with ANSI HPS N13.11-1993 through testing.

DESIGNATION	PROCESS	ANSI-N13.11 CATEGORIES
Hi Energy TLD-100 powder	1*	II, IV
Lo Energy TLD-100 powder & chips	1*	I, IIIA, VI
TLD Albedo	2 or 3,4	VIII
Film XBG	4	I, II, IIIA, IIIB, IV, VA, VI, VII
Film XBGN	4,5	VIII
Neutron Tractetch CR-39	5	VIII
Beta/gamma Albedo TLD	2,3	II, IV, VA, VII
TLD-Beta/gamma-100 powder & chips	1,2 or 3	VA

\* Processes listed above, 2 and 3, are considered functionally acceptable as substitutes which can be used in lieu of process 1 as listed above.

Extremity Finger Ring Type 05 Harshaw TLD-100 dosimeter for ANSI HPS N13.32-1995 and NIST Handbook 150-4, table 2 categories II, IVA, IVB, VA through testing.

NVLAP LAB CODE 100514-0

**Ginna Nuclear Station**

1503 Lake Road  
 Ontario, NY 14519  
 Contact: Mr. Andrew J. Harhay  
 Phone: 716-771-3323  
 Fax: 716-771-3905

**Ionizing Radiation Dosimetry**

Accreditation Valid Through: September 30, 1997

This facility has been evaluated and deemed competent to process the radiation dosimeters listed below through employing a Panasonic automatic reader model UD710A.

This facility is accredited to process the following dosimeters by virtue of actual demonstration of compliance with ANSI-N13.11-1983 through testing.

Panasonic TLD model UD802-AS in an ISA Model 821 hanger for ANSI-N13.11 categories I, II, III, IV, V, VI, VII.

Panasonic TLD model UD812A-5 in a Panasonic UD874A-T hanger for ANSI-N13.11 categories IV, V, VII.

Combination Panasonic TLD model UD812A-5 and UD809-AS in a Panasonic UD884A-T holder with cd shields for ANSI-N13.11 category VIII.

NVLAP LAB CODE 100515-0

**Thermo Nutech**

5635 Jefferson Street, N.E.  
 Albuquerque, NM 87109  
 Contact: Mr. James D. DeZetter  
 Phone: 505-345-9931  
 Fax: 505-761-5410  
 E-Mail: nutech@flash.net

**Ionizing Radiation Dosimetry**

Accreditation Valid Through: September 30, 1997

This facility has been evaluated and deemed competent to process the radiation dosimeters listed below through employing a Eberline manual reader TLR-6.

This facility is accredited to process the following dosimeters by virtue of actual demonstration of compliance with ANSI HPS N13.11-1993 through testing.

Eberline TLD-100 (2 or 3 TLD chips) for ANSI-N13.11 categories I, II, IIIA, IIIB, IV, VA, VI, VII, VIII.

Eberline Albedo TLD-100 for ANSI-N13.11 category VIII.



Eberline TLD-100 extremity dosimeter in an elastic ring holder for ANSI HPS N13.32 and NIST Handbook 150-4, table 2 categories I, II, IIIA, IIIB, IV.

NVLAP LAB CODE 100516-0

**Tennessee Valley Authority External Dosimetry Service**

Sequoyah Access Road, P.O. Box 2000  
 Soddy-Daisy, TN 37379-2000  
 Contact: Mr. Mark A. Palmer  
 Phone: 423-843-8857  
 Fax: 423-843-7133

**Ionizing Radiation Dosimetry**  
 Accreditation Valid Through: March 31, 1997

This facility has been evaluated and deemed competent to process the radiation dosimeters listed below through employing a Panasonic automatic reader model UD710A.

This facility is accredited to process the following dosimeter by virtue of actual demonstration of compliance with ANSI-N13.11-1983 through testing.

Panasonic TLD model UD802-AS in a Panasonic UD874A-T holder for ANSI-N13.11 categories III, IV, V, VI, VII, VIII.

NVLAP LAB CODE 100517-0

**Carolina Power & Light Company, Harris Energy & Enviro. Center**

3932 New Hill-Holleman Road  
 P.O. Box 327  
 New Hill, NC 27562-0327  
 Contact: Mr. A. G. Cheatham  
 Phone: 919-362-3215  
 Fax: 919-362-3354  
 E-Mail: gooch.cheatham@cplc.com

**Ionizing Radiation Dosimetry**  
 Accreditation Valid Through: September 30, 1997

This facility has been evaluated and deemed competent to process the TLD radiation dosimeter listed below through employing a Panasonic automatic reader model UD710A.

This facility is accredited to process the following dosimeter by virtue of actual demonstration of compliance with ANSI HPS-N13.11-1993 through testing.

Panasonic TLD model UD802 in a Panasonic closed type UD-874 ATM1 holder for ANSI-N13.11 categories I, II, IIIB, IV, VC, VI, VII, VIII.

Merlin Gerin DMC-100 Electronic Personal Dosimeter (EPD) with LDM-101 reader for ANSI N13.11 category IV.

NVLAP LAB CODE 100518-0

**Landauer, Inc.**

2 Science Road  
 Glenwood, IL 60425-1586  
 Contact: Dr. R. Craig Yoder  
 Phone: 708-755-7000  
 Fax: 708-755-7011  
 E-Mail: cyoder@landauerinc.com

**Ionizing Radiation Dosimetry**  
 Accreditation Valid Through: December 31, 1997

This facility has been evaluated and deemed competent to process the radiation dosimeters listed below through employing (1) automatic film reader Tech/Ops Model 1; (2) Harshaw Atlas Hotgas reader/modified Atlas reader with Apollo Systems CO2 laser; (3) Harshaw 2271 reader; (4) NTA/Polycarbonate /CR-39 manual optical readers; (5) manual densitometers X-Rite, Tech/Ops Model 301, Macbeth Model TD504 or (6) ALNOR Dosacus reader; (7) Delayed Optically Stimulated Luminescence (DOSL) Luxel reader.

This facility is accredited to process the following dosimeters by virtue of actual demonstration of compliance with ANSI HPS N13.11-1993 through testing.

Landauer designation:

DOSIMETER	PROCESS	ANSI N13.11 CATEGORY	
		Based On Testing	Based On Tech. Equiv.
<b>FILM</b>			
G - Film "GARDRAY"(A)	1,5	I-VII	
A - G badge plus polycarbonate(F)	1,4,5	VIII	I-VII
R - G badge plus ER(G)	1,3,4,5	VIII	I-VII
R - G badge plus ALNOR ER(M)	1,4,5,6	VIII	I-VII
B - G badge plus CR 39(L)	1,4,5	VIII	I-VII
C - G badge plus CR-39 and Cadmium	1,4,5		I-VIII
J - G badge plus polycarbonate and Cadmium	1,4,5		I-VIII
Y - G badge plus Cadmium	1,4,5		I-VII
Q - DEX-RAY	1,4,5		I-VII



INDEX D. LISTING OF TESTING LABORATORIES BY NVLAP LAB CODE - continued

TLD							ANSI N13.11 CATEGORY
K - ALNOR (TLD 100 chips)(K)(H)	6	I-VII		DOSIMETER		PROCESS	
W - modified - 2 chip Escort with x-ray filtration (J)	2	I, II				Based On Testing	Based On Tech. Equiv.
Z - K badge (TLD 700 chips) plus Neutron Track Etch CR39(T)(I)	4,6	VIII	I-VII	TLD			
F - L badge plus CR-39	2,4		I-VIII	U - Ring (B) (Finger)	1,4	I, II, III(A), IV, V(A), V(B), V(D), VI, VII	
F - L badge plus polycarbonate	2,4		I-VIII	K - Modified K (H) (Wrist)	3,4	IIIA and VI	I, II, IV, V(A), V(B), V(D), VII
F - L badge plus ER	2,3,4		I-VIII				
L - 4 chip Alnor TLD	6		I-VII				
M - K badge (TLD 700 chips)	6		I-VII	FILM			
S - K badge (TLD 700 chips) plus ER	4,6		I-VIII	G - Gardray (A) (Wrist)	2,5	IIIA and VI	I, II, IV, V(A), V(B), V(D), VII
Z - K badge (TLD 700 chips) plus polycarbonate	4,6		I-VIII	DOSL			
DOSL				H-Luxel type H (Wrist)	7	IIIA and VI	I, II, IV, V(A), V(B), V(D), VII
H-Luxel type H	7		I-VII				
P-Luxel type P	7	I-VII	VIII				

NVLAP LAB CODE 100519-0

**South Texas Project Dosimetry Laboratory**

P.O. Box 289  
Wadsworth, TX 77483  
Contact: Mr. Robert V. Logan  
Phone: 512-972-7566  
Fax: 512-972-7757

**Ionizing Radiation Dosimetry**

Accreditation Valid Through: September 30, 1997

This facility has been evaluated and deemed competent to process the radiation dosimeters listed below through employing a Panasonic automatic reader model UD710A.

This facility is accredited to process the following dosimeters by virtue of actual demonstration of compliance with ANSI HPS-N13.11-1993 through testing.

Panasonic TLD Model UD802-AT in an ISA Model 830 holder for ANSI-N13.11 categories II, IIIA, IV, VC, VI, VII.

A Panasonic TLD Model UD802-AT in an ISA Model 810 holder for ANSI-N13.11 category VIII.

The following sites are included to perform limited volume, emergency response processing employing either a Harshaw 3000 manual reader or manual film processing techniques for the following badges:

DOSIMETER	ANSI N13.11 CATEGORY
G - Film "GARDRAY"	I through VII
L - TLD 4 chip "ALNOR"	I through VII
K - TLD 3 chip "ALNOR"	I through VII

Landauer, Inc. Company Offices: El Segundo, California; Houston, Texas; and East Brunswick, New Jersey.

This facility has been accredited to process the extremity dosimeters listed below, by virtue of actual demonstration of compliance with ANSI-N13.32-1995 and NIST Handbook I50-4, Pg. 14, Table 2, through employing the following readers/process: (1) Landauer Custom Automated, (2) Kanars Data Custom Automated (film), (3) Alnor Dosacus Automatic Reader, (4) Harshaw 2000B/D, 3000, 4000 manual, and (5) Macbeth TD504, TD904, TD931 manual.

NVLAP LAB CODE 100520-0

**North Anna Power Station**

End of Route 700 North  
 P.O. Box 402  
 Mineral, VA 23117  
 Contact: Ms. Teresa G. Johnson  
 Phone: 540-894-2605  
 Fax: 540-894-2408  
 E-Mail: Teresa\_G\_Johnson@VaPower.com

**Ionizing Radiation Dosimetry**

Accreditation Valid Through: September 30, 1997

This facility has been evaluated and deemed competent to process the radiation dosimeter listed below through employing a Panasonic automatic reader model UD-716AGL.

This facility is accredited to process the following dosimeter by virtue of actual demonstration of compliance with ANSI-N13.11-1983 through testing.

Panasonic TLD model UD-802AT2 in a UD-879A-TM holder for ANSI-N13.11 categories I, II, III, IV, V, VI, VII, VIII.

NVLAP LAB CODE 100521-0

**Duquesne Light Company, Beaver Valley Power Station**

Mail Drop BV-ERF  
 P.O. Box 4  
 Shippingport, PA 15077-0004  
 Contact: Mr. John T. Lebda  
 Phone: 412-393-5872  
 Fax: 412-393-5621

**Ionizing Radiation Dosimetry**

Accreditation Valid Through: September 30, 1997

This facility has been evaluated and deemed competent to process the radiation dosimeter listed below through employing a Panasonic automatic reader model UD710A.

This facility is accredited to process the following dosimeter by virtue of actual demonstration of compliance with ANSI-N13.11-1983 through testing.

Panasonic TLD model UD812-AS2 for ANSI-N13.11 categories I, II, III, IV, V, VI, VII.

The dosimeter is housed in a custom made plastic clam shell type holder with filtering of 4mg/cm<sup>2</sup> mylar over elements 1 & 2, 140 mg/cm<sup>2</sup> plastic over element 3, and 840 mg/cm<sup>2</sup> plastic over element 4.

NVLAP LAB CODE 100524-0

**Yankee Atomic Electric Company, Environmental Laboratory**

580 Main Street  
 Bolton, MA 01740-1398  
 Contact: Mr. Edward H. Maher  
 Phone: 508-568-2522  
 Fax: 508-568-2520  
 E-Mail: maher@yankee.com

**Ionizing Radiation Dosimetry**

Accreditation Valid Through: September 30, 1997

This facility has been evaluated and deemed competent to process the radiation dosimeters listed below through employing a Panasonic automatic reader model 710A.

This facility is accredited to process the following dosimeters by virtue of actual demonstration of compliance with ANSI HPS N13.11-1993 through testing.

Panasonic TLD model 808 in a ISA model 830U holder for ANSI-N13.11 categories I, II, IIIA, IIIB, IV, VA, VB, VC, VI, VII.

Panasonic TLD model 814-AS4 for ANSI-N13.11 categories I, II, IIIA, IIIB, IV, VA, VB, VC, VI, VII.

Panasonic TLD models UD808/UD814 combined for category VIII.

NVLAP LAB CODE 100528-0

**TU Electric-Comanche Peak Steam Electric Station**

5 mi. NW Glen Rose off FM 56  
 P.O. Box 1002  
 Glen Rose, TX 76043  
 Contact: Mr. John R. Curtis  
 Phone: 817-897-5332  
 Fax: 817-897-0657

**Ionizing Radiation Dosimetry**

Accreditation Valid Through: June 30, 1997

This facility has been evaluated and deemed competent to process the radiation dosimeter listed below through employing a Panasonic automatic reader model UD710A.

This facility is accredited to process the following dosimeters by virtue of actual demonstration of compliance with ANSI-N13.11-1983 through testing.

Panasonic TLD model UD802-AT in an ISA 820 holder with Mylar-window for ANSI-N13.11 categories III, IV, V, VI, VII, VIII.

---

NVLAP LAB CODE 100529-0

**Detroit Edison, Fermi 2 Dosimetry Laboratory**

6400 North Dixie Highway, 100 A1B  
Newport, MI 48166  
Contact: Ms. Lynda Craine  
Phone: 313-586-1388  
Fax: 313-586-1041  
E-Mail: crainel@detroitedison.com

**Ionizing Radiation Dosimetry**

Accreditation Valid Through: September 30, 1997

This facility has been evaluated and deemed competent to process the radiation dosimeter listed below through employing a Panasonic automatic reader model UD710A.

This facility is accredited to process the following dosimeter by virtue of actual demonstration of compliance with ANSI-N13.11-1983 through testing.

Panasonic TLD model UD802-AS in a Panasonic UD854A hanger for ANSI-N13.11 categories I, II, III, IV, V, VI, VII, VIII.

---

NVLAP LAB CODE 100532-0

**ICN Dosimetry Services, H.E. Division**

3300 Hyland Avenue  
Costa Mesa, CA 92626  
Contact: Ms. S. Nemecek  
Phone: 800-251-3331  
Fax: 714-668-3149  
E-Mail: SANZZZZ@aol.com

**Ionizing Radiation Dosimetry**

Accreditation Valid Through: December 31, 1997

This facility has been evaluated and deemed competent to process the radiation dosimeters listed below through employing a SLD STI 8800 automatic reader and film processing using a custom automatic developer and densitometer.

This facility is accredited to process the following dosimeter by virtue of actual demonstration of compliance with ANSI-HPS N.13-1993 through testing.

Siemens Film Badge (Kodak Type 3,) for ANSI-N13.11 categories I, II, IIIA, IV, VA, VI, VII.

Siemens Film Badge (Kodak Type 3 with CR39) for ANSI-N13.11 category VIII.

Siemens SLD-100 for ANSI-N13.11 categories I, II, IIIA, IV, VA, VI, VII.

Siemens SLD-760 for ANSI-N13.11 categories I, II, IIIA, IV, VC, VI, VII, VIII.

Siemens SLD series with CR39 for ANSI-N13.11 category VIII.

---

NVLAP LAB CODE 100533-0

**Teledyne Brown Engineering Environmental Services**

50 Van Buren Avenue, P.O. Box 1235  
Westwood, NJ 07675-1235  
Contact: Dr. Ival Toepke  
Phone: 201-664-7070  
Fax: 201-664-1632

**Ionizing Radiation Dosimetry**

Accreditation Valid Through: September 30, 1997

This facility has been evaluated and deemed competent to process the radiation dosimeters listed below through employing the Teledyne automatic reader model 9150, system 300 TLD reader for the 300 series and the manual reader model 7300 for the EC1.

This facility is accredited to process the following dosimeters by virtue of actual demonstration of compliance with ANSI-N13.11-1983 through testing.

Teledyne TLD model PB5 for ANSI-N13.11 categories I, II, III, IV, V, VI, VII.

Teledyne TLD model PB5N ANSI-N13.11 category VIII.

Teledyne TLD P-300AS for ANSI-N13.11 categories I, II, III, IV, V, VI, VII.

Teledyne TLD P-300DS for ANSI-N13.11 categories I, II, III, IV, V, VI, VII, VIII.

---

NVLAP LAB CODE 100535-0

**Entergy Operations, Inc. - Arkansas Nuclear One**

1448 S.R. 333  
Russellville, AR 72801  
Contact: Mr. Thomas M. Rolniak  
Phone: 501-858-7687  
Fax: 501-858-7646

**Ionizing Radiation Dosimetry**

Accreditation Valid Through: December 31, 1997

This facility has been evaluated and deemed competent to process the radiation dosimeter listed below through employing a Panasonic automatic reader model UD710A.

This facility is accredited to process the following dosimeter by virtue of actual demonstration of compliance with ANSI HPS N13.11-1993 through testing.



Panasonic TLD model UD802-AS in a Panasonic 874A holder for ANSI-N13.II categories I, II, IIIA, IV, VA, VI, VII, VIII.

---

**NVLAP LAB CODE 100536-0**

**Arizona Public Service Co., Palo Verde Nuclear Generating Station**

5801 S. Wintersburg Road, Station 6107  
Tonopah, AZ 85354-7529  
Contact: Mr. Michael W. Lantz  
Phone: 602-393-5200  
Fax: 602-393-5003  
E-Mail: mlantz@apsc.com

**Ionizing Radiation Dosimetry**  
Accreditation Valid Through: September 30, 1997

This facility has been evaluated and deemed competent to process the radiation dosimeters listed below through employing a Panasonic automatic reader model UD710A.

This facility is accredited to process the following dosimeter by virtue of actual demonstration of compliance with ANSI-N13.II-1983 through testing.

Panasonic TLD model UD812-AS5 in an ISA holder with an open window over element I for ANSI-N13.II categories I, II, III, IV, V, VI, VII.

Panasonic TLD combination UD809/UD812-AS in a Panasonic UD885A-T holder for ANSI-N13.II category VIII.

Merlin Gerlin DMC-100 Electronic Personnel Dosimeter for ANSI-N13.II categories IIIB, IV, VI.

---

**NVLAP LAB CODE 100537-0**

**Pacific Gas & Electric Company, Diablo Canyon Nuclear Power Plant**

P.O. Box 56  
Avila Beach, CA 93424  
Contact: Mr. Paul W. Gangwisch  
Phone: 805-545-4185  
Fax: 805-545-6645  
E-Mail: pwg1@topgun.comp.pge.com

**Ionizing Radiation Dosimetry**  
Accreditation Valid Through: September 30, 1997

This facility has been evaluated and deemed competent to process the radiation dosimeters listed below through employing a Panasonic automatic reader model UD710A.

This facility is accredited to process the following dosimeters by virtue of actual demonstration of compliance with ANSI-N13.II-1983 through testing.

Panasonic TLD model UD802-AS in a Panasonic

UD875AT holder for ANSI-N13.II categories II, III, IV, V, VI, VII, VIII.

Combination Panasonic TLD model UD813-AS8 in a Panasonic UD886AT holder for ANSI-N13.II category VIII.

---

**NVLAP LAB CODE 100538-0**

**Con Edison, Indian Point Station 2**

Broadway and Bleakley Avenue  
Buchanan, NY 10511-1099  
Contact: Mr. Richard J. Martucci  
Phone: 914-734-5515  
Fax: 914-734-5734

**Ionizing Radiation Dosimetry**  
Accreditation Valid Through: June 30, 1997

This facility has been evaluated and deemed competent to process the radiation dosimeter listed below through employing a Panasonic automatic reader model UD710A.

This facility is accredited to process the following dosimeter by virtue of actual demonstration of compliance with ANSI-HPS N13.II-1993 through testing.

Panasonic TLD model UD802-AT in an 874 AT holder for ANSI-N13.II categories I, II, IIIB, IV, VC, VI, VII, VIII.

---

**NVLAP LAB CODE 100539-0**

**U.S. Army Ionizing Radiation Dosimetry Center (USAIRDC)**

Attn: AMSMI-TMDE-SR-D, Bldg. 5417  
Redstone Arsenal, AL 35898-5400  
Contact: Mr. A. Edward Abney  
Phone: 205-876-1786  
Fax: 205-876-3816  
E-Mail: cabney@redstone.army.mil

**Ionizing Radiation Dosimetry**  
Accreditation Valid Through: December 31, 1997

This facility has been evaluated and deemed competent to process the radiation dosimeters listed below through employing a Panasonic Model 710 reader.

This facility is accredited to process the following dosimeters by virtue of actual demonstration of compliance with ANSI HPS N13.II-1993 through testing.

Panasonic Model UD802AS as in a Panasonic UD-874A-T holder for ANSI-N13.II categories I, II, IIIA, IV, VA, VB, VC, VI, VII, VIII.



**NVLAP LAB CODE 100540-0**

**Northeast Utilities Service Company Dosimetry**

**Laboratory**

3333 Berlin Turnpike  
 Newington, CT 06111  
 Contact: Mr. John E. Laine  
 Phone: 860-447-1791 x5343  
 Fax: 860-444-5640  
 E-Mail: LAINEJE@GWSMTP.NU.COM

**Ionizing Radiation Dosimetry**

Accreditation Valid Through: December 31, 1997

This facility has been evaluated and deemed competent to process the radiation dosimeter listed below through employing a Harshaw model 8800 TLD workstation.

This facility is accredited to process the following dosimeters by virtue of actual demonstration of compliance with ANSI HPS N13.11-1993 through testing.

Harshaw TLD card model 8801 (3 TLD 700, 1 TLD 600 chips) in a Harshaw Model NV-8810 holder for ANSI-N13.11 categories I, II, IIIB, IV, VB, VI, VII, and VIII.

**NVLAP LAB CODE 100541-0**

**ComEd - TLD Processing Lab - CTEAM Facility**

555 South Joliet Road  
 Bolingbrook, IL 60440  
 Contact: Mr. William F. Carl  
 Phone: 630-663-3848  
 Fax: 630-663-3855

**Ionizing Radiation Dosimetry**

Accreditation Valid Through: December 31, 1997

This facility listed has been evaluated and deemed competent to process the radiation dosimeter listed below through employing a Panasonic automatic reader model UD710A.

Panasonic TLD model UD802AS in a UD874-T hanger for ANSI-N13.11 categories I, II, IIIA, IV, VC, VI, VII, VIII.

**NVLAP LAB CODE 100544-0**

**Florida Power & Light Company**

700 Universe Blvd.  
 P.O. Box 14000  
 Juno Beach, FL 33408-0420  
 Contact: Mr. Joseph Danek  
 Phone: 407-694-4213  
 Fax: 407-694-3706  
 E-Mail: joe-danek@email.fpl.com

**Ionizing Radiation Dosimetry**

Accreditation Valid Through: June 30, 1997

This facility has been evaluated and deemed competent to

process the radiation dosimeter listed below through employing a Panasonic automatic reader model UD716.

This facility is accredited to process the following dosimeter by virtue of actual demonstration of compliance with ANSI-N13.11-1993 through testing.

Panasonic TLD model UD802-AT or AS in a ISA 820 holder for ANSI-N13.11 categories I, II, IIIB, IV, VC, VI, VII, VIII.

Merlin Gerin electronic dosimeter model DMC-100 for ANSI-N13.11 categories IV and VI.

**NVLAP LAB CODE 100548-0**

**USAF Armstrong Laboratory/OEBD**

2402 E. Drive  
 Brooks AFB, TX 78235-5114  
 Contact: LtCol James D. Montgomery  
 Phone: 210-536-3305  
 Fax: 210-536-3945

**Ionizing Radiation Dosimetry**

Accreditation Valid Through: March 31, 1997

This facility has been evaluated and deemed competent to process the radiation dosimeter listed below through employing a Panasonic Automatic reader model UD716AGL.

This facility is accredited to process the following dosimeter by virtue of actual demonstration of compliance with ANSI-N13.11-1983 through testing.

Panasonic TLD model UD802AT in model 820-C hanger for ANSI-N13.11 categories I, II, III, IV, V, VI, VII, VIII.

Panasonic TLD model UD802AT in ISA model 822 neutron hanger for ANSI-N13.11 categories IV, VIII.

**NVLAP LAB CODE 100551-0**

**Georgia Power Company/Enviro. Affairs, Enviro. Lab-Dosimetry**

5131 Maner Road  
 Smyrna, GA 30080  
 Contact: Mr. Michael C. Nichols  
 Phone: 404-799-2112  
 Fax: 404-799-2141

**Ionizing Radiation Dosimetry**

Accreditation Valid Through: March 31, 1997

This facility has been evaluated and deemed competent to process the radiation dosimeters listed below through employing Panasonic automatic readers model UD-710A and UD-717.

This facility is accredited to process the following dosimeter by virtue of actual demonstration of compliance with HPS ANSI-N13.11-1993 and HPS ANSI-N13.32 through testing.

Panasonic TLD model UD802-AS in a Panasonic 854A or UD-874ATM1 (closed) hanger for ANSI-N13.11 categories II, III, IV, V, VI, VII, VIII.

Panasonic extremity TLD model UD-817 in an elastic ring holder for HPS ANSI-N13.32 (NIST Handbook 150-4, table 2) categories II, IV and VII.

**NVLAP LAB CODE 100553-0**

**Niagara Mohawk Power Corporation - Nine Mile Point**

Lake Road, P.O. Box 63  
Lycoming, NY 13093  
Contact: Mr. Robert Carlson  
Phone: 315-349-2728  
Fax: 315-349-2832

**Ionizing Radiation Dosimetry**  
Accreditation Valid Through: March 31, 1997

This facility has been evaluated and deemed competent to process the radiation dosimeter listed below through employing a Panasonic automatic reader model UD710A.

This facility is accredited to process the following dosimeter by virtue of actual demonstration of compliance with ANSI-N13.11 through testing.

Panasonic TLD model UD802 in a Panasonic UD874ATM1 hanger for ANSI-N13.11-1983 categories I, II, III, IV, V, VI, VII, VIII.

**NVLAP LAB CODE 100554-0**

**Pennsylvania Power and Light Company**

Two North Ninth Street  
Allentown, PA 18101-1179  
Contact: Mr. Stephen L. Ingram  
Phone: 610-774-7892  
Fax: 610-774-7205

**Ionizing Radiation Dosimetry**  
Accreditation Valid Through: March 31, 1997

This facility has been evaluated and deemed competent to process the radiation dosimeter listed below through employing a Panasonic automatic reader model UD710A.

This facility is accredited to process the following dosimeter by virtue of actual demonstration of compliance with ANSI HPS N13.11-1993 through testing.

Panasonic TLD model UD802-AS in a Panasonic UD874-AT1 hanger for ANSI-N13.11 categories I, II, IIIB, IV, VC, VI, VII, VIII.

**NVLAP LAB CODE 100555-0**

**ICN Dosimetry Div., ICN Pharmaceuticals, Inc.**

3300 Hyland Ave., ICN Plaza  
Costa Mesa, CA 92626  
Contact: Ms. Sandra Nemecek  
Phone: 714-545-0100 x2297  
Fax: 714-668-3149  
E-Mail: SANZZZZ@aol.com

**Ionizing Radiation Dosimetry**  
Accreditation Valid Through: June 30, 1997

This facility has been evaluated and deemed competent to process the radiation dosimeters listed below through employing a Panasonic automatic reader model UD710A, and a UD702 manual reader for TLD processing and a MacBeth densitometer for film processing.

This facility is accredited to process the following dosimeters by virtue of actual demonstration of compliance with ANSI HPS N13.11-1993 through testing.

Panasonic TLD model ICN UD-802 with a model UD-854 or UD-874 hanger for ANSI-N13.11 categories I, II, IIIA, IV, VC, VI, VII, VIII.

ICN model T2 (Kodak type II film) for ANSI-N13.11 categories I, II, IIIA, IV, VA, VI, VII.

Panasonic TLD model UD-802 with CR39 in a model UD-874 hanger for ANSI-N13.11 category VIII.

ICN model T2 (Kodak type II film with CR39) for ANSI-N13.11 category VIII.

**NVLAP LAB CODE 100556-0**

**Atomic Energy Industrial Laboratory of the Southwest**

9261 Kirby Drive  
Houston, TX 77054-2514  
Contact: Mr. Steven H. Allen  
Phone: 713-790-9719  
Fax: 713-790-0542

**Ionizing Radiation Dosimetry**  
Accreditation Valid Through: September 30, 1997

This facility has been evaluated and deemed competent to process the radiation dosimeter listed below through employing film processing using a computerized custom densitometer.

This facility is accredited to process the following dosimeter by virtue of actual demonstration of compliance with ANSI HPS N13.11-1993 through testing.

Film Badge B-4 (Kodak Type 3) for ANSI-N13.11 categories I, II, III, IV, V, VI, VII.

Film Badge N-5 (Kodak Type 3 and A) for ANSI-N13.11 category VIII.

---

**NVLAP LAB CODE 100559-0**

**Troxler Radiation Monitoring Svc. a div. of Troxler Elect. Labs**

3008 Cornwallis Road  
P.O. Box 12057  
Research Triangle Park, NC 27709  
Contact: Mr. Stephen A. Browne  
Phone: 919-549-8661  
Fax: 919-549-0761

**Ionizing Radiation Dosimetry**

Accreditation Valid Through: June 30, 1997

This facility has been evaluated and deemed competent to process the radiation dosimeter listed below through employing a Panasonic automatic reader model UD710A.

This facility is accredited to process the following dosimeter by virtue of actual demonstration of compliance with ANSI-N13.11-1983 through testing.

Panasonic TLD model UD802 with model UD854 hanger for ANSI-N13.11 category I, II, III, IV, V, VI, VII, VIII.

---

**NVLAP LAB CODE 100560-0**

**Electric Boat Corp/A General Dynamics Co. Radiological Ctrl. Dept**

75 Eastern Point Road  
Groton, CT 06340-4909  
Contact: Mr. Robert D. Renza  
Phone: 860-433-3674  
Fax: 860-433-0946

**Ionizing Radiation Dosimetry**

Accreditation Valid Through: March 31, 1997

This facility has been evaluated and deemed competent to process the radiation dosimeter listed below through employing a Harshaw manual reader model 4000.

This facility is accredited to process the following dosimeter by virtue of actual demonstration of compliance with ANSI HPS N13.11-1993 through testing.

A Harshaw TLD model 4040, CaF2 Bulb Dosimeter for ANSI-N13.11 Category IV.

---

**NVLAP LAB CODE 100561-0**

**Newport News Shipbuilding Radiological Control Department**

4101 Washington Avenue  
Newport News, VA 23607-2770  
Contact: Mr. C. T. Hill  
Phone: 804-380-2369  
Fax: 804-380-3778

**Ionizing Radiation Dosimetry**

Accreditation Valid Through: March 31, 1997

This facility has been evaluated and deemed competent to process the radiation dosimeter listed below through employing a Harshaw automatic reader model 8800.

This facility is accredited to process the following dosimeter by virtue of actual demonstration of compliance with ANSI-N13.11-1983 through testing.

Harshaw TLD model 2276-L, BG (2 TLD 700, 1 TLD 600) in a Type 80 Harshaw/Filtrol cardholder for ANSI-N13.11 category IV.

---

**NVLAP LAB CODE 100562-0**

**Radiation Laboratory, Taiwan Power Company**

P.O. Box 7  
Shihmen Taipei 25302  
TAIWAN  
Contact: Mr. W. W. Yeh  
Phone: +886-2-638-1397  
Fax: +886-2-638-2446

**Ionizing Radiation Dosimetry**

Accreditation Valid Through: September 30, 1997

This facility has been evaluated and deemed competent to process the radiation dosimeters listed below through employing a Panasonic automatic reader model UD710A.

This facility is accredited to process the following dosimeters by virtue of actual demonstration of compliance with ANSI HPS N13.11-1993 through testing.

Panasonic TLD model UD802AS in a UD-874A holder for ANSI-N13.11 categories I, II, IIIA, IV, VA, VI, VII, VIII.



NVLAP LAB CODE 100563-0

**Combustion Engineering, Inc.**  
 2000 Day Hill Road, Dept. 9459-0202  
 P.O. Box 500  
 Windsor, CT 06095-0500  
 Contact: Mr. Stephen M. Sorensen  
 Phone: 203-285-5285  
 Fax: 203-285-2540

**Ionizing Radiation Dosimetry**  
 Accreditation Valid Through: September 30, 1997

This facility has been evaluated and deemed competent to process the radiation dosimeter listed below through employing a Panasonic automatic reader model UD710A.

This facility is accredited to process the following dosimeter by virtue of actual demonstration of compliance with ANSI HPS-N13.11-1993 through testing.

Panasonic TLD model UD802-AS2 in a Panasonic UD874-AT holder for ANSI-N13.11 categories II, IV, VC, VII.

NVLAP LAB CODE 100565-0

**Naval Nuclear Propulsion Program Directorate**  
 Puget Sound Naval Shipyard, Rad. Hlth  
 Division, Code 105.5, 1400 Farragut Ave  
 Bremerton, WA 98314-5000  
 Contact: Mr. R. K. Alspach  
 Phone: 206-476-3596  
 Fax: 206-476-4383

**Ionizing Radiation Dosimetry**  
 Accreditation Valid Through: March 31, 1997

The facility listed has been evaluated as a representative site and deemed competent to process the radiation dosimeter listed below through employing a Radiac Computer-Indicator Model No. CP-1112/PD TLD reader.

Puget Sound Naval Shipyard  
 Radiation Health Division (Code 105.5)  
 Bremerton, WA 98314-5000

This facility is accredited to process the following dosimeter by virtue of actual demonstration of compliance with ANSI HPS N13.11-1993 through testing:

CaF2 Bulb Dosimeter (DT-526/PD) for ANSI-N13.11 categories II, IV.

The accreditation is also extended to include processing performed by other facilities in the Naval Nuclear Propulsion Program which use identical equipment and procedures as listed above.

NVLAP LAB CODE 100567-0

**Health Physics Northwest**  
 11535 S.W. 67th  
 Tigard, OR 97223-8504  
 Contact: Mr. Ross L. Mercer  
 Phone: 503-620-6617  
 Fax: 503-684-5548

**Ionizing Radiation Dosimetry**  
 Accreditation Valid Through: June 30, 1997

This facility has been evaluated and deemed competent to process the radiation dosimeter listed below through employing a Panasonic automatic reader model UD716.

This facility is accredited to process the following dosimeters by virtue of actual demonstration of compliance with ANSI-HPS N13.11-1993 through testing.

Panasonic TLD model UD802-AT2 in a ISA 831U holder for ANSI-N13.11 categories I, II, IIIA, IV, VC, VI, VII and VIII.

NVLAP LAB CODE 100569-0

**Westinghouse Electric Corporation Nuclear Services Div. TLD Lab**  
 Route 70 @ Madison Exit 25A  
 P.O. Box 158  
 Madison, PA 15663-0158  
 Contact: Ms. Deborah A. Welker  
 Phone: 412-722-5603  
 Fax: 412-722-5735

**Ionizing Radiation Dosimetry**  
 Accreditation Valid Through: March 31, 1997

This facility has been evaluated and deemed competent to process the radiation dosimeters listed below through employing a Harshaw automatic reader model 6600.

This facility is accredited to process the following dosimeter by virtue of actual demonstration of compliance with ANSI HPS N13.11-1993 through testing.

A Harshaw Model TLD type 8814 with three 700 chips and one 600 chip for ANSI-N13.11 categories I, II, IIIA, IV, VC, VI, VII.



NVLAP LAB CODE 100569-1

**Westinghouse Electric Corporation**

1990 New Cut Road  
 P.O. Box 2110  
 Spartanburg, SC 29301  
 Contact: Raymond E. Shafer  
 Phone: 412-722-5935  
 Fax: 412-722-5788

**Ionizing Radiation Dosimetry**

Accreditation Valid Through: March 31, 1997

This sub-facility has been evaluated and deemed competent to process the radiation dosimeters listed below through employing a Harshaw Automatic reader model 6600.

This sub-facility is accredited to process the following dosimeter by virtue of actual demonstration of compliance with ANSI HPS N13.11-1993 through testing.

A Harshaw Model TLD type 8814 with three 700 chips and one 600 chip for ANSI-N13.11 categories I, II, IIIA, IV, VC, VI, VII.

NVLAP LAB CODE 100570-0

**Clinton Power Station**

6 mi. East of Clinton, Route 54 East  
 P.O. Box 678  
 Clinton, IL 61727-0678  
 Contact: Ms. Mary J. Lewis  
 Phone: 217-935-8881 x3718  
 Fax: 217-935-4934

**Ionizing Radiation Dosimetry**

Accreditation Valid Through: December 31, 1997

This facility has been evaluated and deemed competent to process the radiation dosimeter listed below through employing a Panasonic Model UD716AGL automatic reader.

This facility is accredited to process the following dosimeter by virtue of actual demonstration of compliance with ANSI HPS N13.11-1993 through testing.

Panasonic TLD model UD-802-AT in a ISA model 820 holder for ANSI-N13.11 categories I, II, IIIA, IV, VC, VI, VII, VIII.

NVLAP LAB CODE 100571-0

**United States Dosimetry Technology, Inc.**

660-A George Washington Way  
 Richland, WA 99352-4246  
 Contact: Mr. M. K. Winegardner  
 Phone: 509-946-8738  
 Fax: 509-943-2710

**Ionizing Radiation Dosimetry**

Accreditation Valid Through: December 31, 1997

This facility has been evaluated and deemed competent to process TLD dosimeters. The TLD dosimeters are processed using a USDT Card Reader.

This facility is accredited to process the following dosimeters by virtue of actual demonstration of compliance with ANSI HPS N13.11-1993 through testing.

USDT TLD F (TLD-700 and 600) for ANSI-N13.11 categories I, II, IIIA, IV, VA, VI, VII, VIII.

USDT T-3 film for ANSI-13.11 categories I, II, IV, VA, VII.

NVLAP LAB CODE 100573-0

**Proxtronic, Inc.**

5795-B Burke Centre Parkway  
 P.O. Box 12150  
 Burke, VA 22015  
 Contact: Mr. John B. Davis  
 Phone: 703-425-4811  
 Fax: 703-503-2856  
 E-Mail: sales@Proxtronic.com

**Ionizing Radiation Dosimetry**

Accreditation Valid Through: June 30, 1997

This facility has been evaluated and deemed competent to process the radiation dosimeter listed below through employing film processing using a Victoreen 07-440 densitometer and TLD processing using a Panasonic UD710A.

This facility is accredited to process the following dosimeter by virtue of actual demonstration of compliance with ANSI N13.11-1983 through testing.

Film Badge (Kodak Type II) for ANSI N13.11 categories III & IV.

Panasonic TLD model UD802-AS2 in an ISA 831 hanger for ANSI HPS N13.11-1993 categories I, II, IIIA, IV, VA, VB, VC, VI, VII, VIII.

Panasonic TLD model UD802-AS2 in a Panasonic 854

**INDEX D. LISTING OF TESTING LABORATORIES BY NVLAP LAB CODE - continued**

hanger for ANSI N13.11-1993 categories IIIA, IV.

**NVLAP LAB CODE 100574-0**

**Portsmouth Gaseous Diffusion Plant**

Mail Stop 5022, P.O. Box 628  
Piketon, OH 45661-0628  
Contact: Mr. Mitchell M. Truitt  
Phone: 614-897-2326  
Fax: 614-897-2125  
E-Mail: TruittMM

**Ionizing Radiation Dosimetry**

Accreditation Valid Through: June 30, 1997

This facility has been evaluated and deemed competent to process the radiation dosimeter listed below through employing Harshaw/Bicron automatic reader model 8800.

This facility is accredited to process the following dosimeters by virtue of actual demonstration of compliance with ANSI-N13.11-1983 through testing.

Harshaw TLD model 8805 for ANSI-N13.11 categories I, II, III, IV, V, VI, VII, VIII.

**NVLAP LAB CODE 101004-0**

**Labcorp Analytics Laboratory**

8040 Villa Park Drive  
Richmond, VA 23228  
Contact: Mr. James A. Calpin  
Phone: 804-264-7100  
Fax: 804-264-8873

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: March 31, 1997

**NVLAP LAB CODE 101005-0**

**IEA - Massachusetts**

149 Rangeway Road  
N. Billerica, MA 01862-2097  
Contact: Mr. Ernest T. Dobi  
Phone: 508-667-1400  
Fax: 508-667-7871

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: September 30, 1997

**Airborne Asbestos Analysis (TEM)**

Accreditation Valid Through: September 30, 1997

**NVLAP LAB CODE 101006-0**

**Advanced Industrial Hygiene Services, Inc.**

2131 S.W. 2 Ave.  
Miami, FL 33129-1411  
Contact: Mr. Bruce Marchette  
Phone: 305-854-7554  
Fax: 305-285-0677

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: March 31, 1997

**NVLAP LAB CODE 101007-0**

**Affiliated Environmental Services, Inc.**

3606 Venice Road  
Sandusky, OH 44870  
Contact: Mr. Don Dauch  
Phone: 419-627-1976  
Fax: 419-625-3753

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: June 30, 1997

**NVLAP LAB CODE 101011-0**

**Hygeia ProScience Laboratories, Inc.**

600 West Cummings Park, Suite 1900  
Woburn, MA 01801-6350  
Contact: Mr. Dennis Girard  
Phone: 617-938-1084  
Fax: 617-938-1487

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: June 30, 1997

**Airborne Asbestos Analysis (TEM)**

Accreditation Valid Through: June 30, 1997

**NVLAP LAB CODE 101012-0**

**Dixon Information Inc.**

78 West 2400 South  
South Salt Lake, UT 84115-3013  
Contact: Mr. Willard C. Dixon  
Phone: 801-486-0800  
Fax: 801-486-0849

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: March 31, 1997

---

NVLAP LAB CODE 101014-0

**Aires Consulting Services, Inc.**

1550 Hubbard  
Batavia, IL 60510  
Contact: Ms. Cynthia Darling  
Phone: 630-879-3006  
Fax: 630-879-3014

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: June 30, 1997

**Airborne Asbestos Analysis (TEM)**

Accreditation Valid Through: June 30, 1997

---

NVLAP LAB CODE 101018-0

**Benchmark Engineering Inc.**

1550 Pumphrey Avenue  
Auburn, AL 36830-4302  
Contact: Mr. Kenneth E. Wilson  
Phone: 334-821-9250  
Fax: 334-821-9765

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: March 31, 1997

---

NVLAP LAB CODE 101019-0

**Electro-Analytical, Inc.**

7118 Industrial Park Blvd.  
Mentor, OH 44060-5314  
Contact: Mr. James D. Hale  
Phone: 216-951-3514  
Fax: 216-951-3774

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: March 31, 1997

---

NVLAP LAB CODE 101031-0

**Fiberquant, Inc.**

5025 S. 33rd St.  
Phoenix, AZ 85040  
Contact: Mr. Larry S. Pierce  
Phone: 602-276-6139  
Fax: 602-276-4558  
E-Mail: MATHEW\_BRADY@MSN.COM

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: June 30, 1997

**Airborne Asbestos Analysis (TEM)**

Accreditation Valid Through: June 30, 1997

---

NVLAP LAB CODE 101032-0

**Batta Laboratories, Inc.**

Delaware Industrial Park  
6 Garfield Way  
Newark, DE 19713-5817  
Contact: Mr. Naresh C. Batta  
Phone: 302-737-3376  
Fax: 302-737-5764  
E-Mail: battaenv@battaenv.com

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: June 30, 1997

---

**Airborne Asbestos Analysis (TEM)**

Accreditation Valid Through: June 30, 1997

---

NVLAP LAB CODE 101034-0

**Environmental Health Laboratory**

100 Sebeth Drive, Suite A-5  
Cromwell, CT 06416  
Contact: Mr. Jim Kenny  
Phone: 203-635-6475  
Fax: 203-635-6750

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: June 30, 1997

---

NVLAP LAB CODE 101035-0

**Microbac Laboratories, Inc.**

Eric Testing Division  
1962 Wager Road  
Erie, PA 16509  
Contact: Mr. Michael McElhinny  
Phone: 814-825-8533  
Fax: 814-825-9254

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: September 30, 1997

---

NVLAP LAB CODE 101037-0

**Microscopic Analysis, Inc.**

941 Gardenvue Office Parkway  
 St. Louis, MO 63141-5917  
 Contact: Mr. Douglas N. Nimmo  
 Phone: 314-993-2212  
 Fax: 314-993-3193

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: March 31, 1997

---

NVLAP LAB CODE 101039-0

**Carnow, Conibear & Associates Ltd.**

333 W. Wacker Drive, Suite 1400  
 Chicago, IL 60606-1226  
 Contact: Mr. Aleksey Torosin  
 Phone: 312-782-4486  
 Fax: 312-782-5145

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: September 30, 1997

**Airborne Asbestos Analysis (TEM)**

Accreditation Valid Through: September 30, 1997

---

NVLAP LAB CODE 101045-0

**Hub Testing Laboratory, Inc.**

95 Beaver Street  
 Waltham, MA 02154  
 Contact: Mr. Frederick T. Boyle  
 Phone: 800-878-8938  
 Fax: 617-893-4414  
 E-Mail: fboyle@ultranet.com

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: December 31, 1997

---

NVLAP LAB CODE 101048-0

**EMSL Analytical, Inc.**

108 Haddon Avenue  
 Westmont, NJ 08108-2799  
 Contact: Mr. John Newton  
 Phone: 609-858-4800  
 Fax: 609-858-0648

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: June 30, 1997

**Airborne Asbestos Analysis (TEM)**

Accreditation Valid Through: June 30, 1997

---

NVLAP LAB CODE 101048-1

**EMSL Analytical, Inc.**

1600 Roswell Street, SE, Suite #1  
 Smyrna, GA 30080  
 Contact: Richard White  
 Phone: 404-333-6066  
 Fax: 404-333-6003

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: June 30, 1997

**Airborne Asbestos Analysis (TEM)**

Accreditation Valid Through: June 30, 1997

---

NVLAP LAB CODE 101048-2

**EMSL Analytical, Inc.**

1056 Stelton Rd.  
 Piscataway, NJ 08854  
 Contact: Yu Wang  
 Phone: 908-981-0550  
 Fax: 908-981-0551

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: June 30, 1997

**Airborne Asbestos Analysis (TEM)**

Accreditation Valid Through: June 30, 1997

---

NVLAP LAB CODE 101048-3

**EMSL Analytical, Inc.**

1720 South Amphlett Blvd., Suite 130  
 San Mateo, CA 94402  
 Contact: Joseph Centifonti  
 Phone: 415-570-5401  
 Fax: 415-570-5402

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: June 30, 1997

**Airborne Asbestos Analysis (TEM)**

Accreditation Valid Through: June 30, 1997



---

**NVLAP LAB CODE 101048-4**

---

**EMSL Analytical, Inc.**

212 S. Wagner Road  
Ann Arbor, MI 48103  
Contact: Hildegard Hohnke  
Phone: 313-668-6810  
Fax: 313-668-8532

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: June 30, 1997

**Airborne Asbestos Analysis (TEM)**

Accreditation Valid Through: June 30, 1997

---

**NVLAP LAB CODE 101048-9**

---

**EMSL Analytical, Inc.**

350 Fifth Avenue, 15th Floor  
Suite 1524  
New York, NY 10118  
Contact: Edward Cahill  
Phone: 212-290-0051  
Fax: 212-290-0058

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: June 30, 1997

**Airborne Asbestos Analysis (TEM)**

Accreditation Valid Through: June 30, 1997

---

**NVLAP LAB CODE 101048-10**

---

**EMSL Analytical, Inc.**

208 Stone Henge Road  
Carle Place, NY 11514  
Contact: Brian Riedener  
Phone: 516-997-7251  
Fax: 516-997-7258

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: June 30, 1997

**Airborne Asbestos Analysis (TEM)**

Accreditation Valid Through: June 30, 1997

---

**NVLAP LAB CODE 101050-0**

---

**Azimuth Laboratories**

9229 University Blvd.  
Charleston, SC 29406  
Contact: Mr. Richard D. Bennett  
Phone: 803-553-9456  
Fax: 803-569-3282

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: June 30, 1997

---

**NVLAP LAB CODE 101051-0**

---

**Accredited Environmental Technologies, Inc.**

28 North Pennell Road  
Media, PA 19063  
Contact: Mr. Carl Josephson  
Phone: 610-891-0114  
Fax: 610-891-0559

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: March 31, 1997

---

**NVLAP LAB CODE 101053-0**

---

**Standard Testing and Engineering Company**

3400 North Lincoln Blvd.  
Oklahoma City, OK 73105-5493  
Contact: Dr. Donald R. Moore  
Phone: 405-528-0541  
Fax: 405-528-0559

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: September 30, 1997

---

**NVLAP LAB CODE 101058-0**

---

**Rust Federal Services of Hanford, Inc.**

Waste Sampling & Characterization Fac.  
P.O. Box 700 MSIN: S3-30  
Richland, WA 99352  
Contact: Ms. Maureen K. Hamilton  
Phone: 509-373-7167  
Fax: 509-373-7133

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: March 31, 1997

---

NVLAP LAB CODE 101060-0

**DLZ Laboratories, Inc.**

6121 Huntley Road  
 Columbus, OH 43229-1003  
 Contact: Mr. Michael R. Pannell  
 Phone: 614-848-4333  
 Fax: 614-841-0818  
 E-Mail: dlzlabs@iwaynet.net

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: June 30, 1997

---

NVLAP LAB CODE 101061-0

**ChemScope, Inc.**

15 Moulthrop Street  
 North Haven, CT 06473-3686  
 Contact: Mr. Ronald D. Arena  
 Phone: 203-865-5605  
 Fax: 203-498-1610

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: March 31, 1997

---

NVLAP LAB CODE 101062-0

**Quest Industrial Inc.**

250 DeBartolo Pl., Suite 2500  
 Youngstown, OH 44405  
 Contact: Mr. Edward B. Engel  
 Phone: 800-365-3396  
 Fax: 216-758-1245

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: March 31, 1997

---

NVLAP LAB CODE 101063-0

**Applied Environmental Testing Laboratories, Inc.**

2900 Chamblee Tucker Road  
 Bldg. 14, Suite 200  
 Atlanta, GA 30341  
 Contact: Ms. Sylvia T. Bigazzi  
 Phone: 770-451-8155  
 Fax: 770-454-0248

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: March 31, 1997

---

NVLAP LAB CODE 101064-0

**ECS/Wagner Environmental**

1259 Willamette Street  
 Eugene, OR 97401-3578  
 Contact: Ms. Lisa Thomas  
 Phone: 541-343-0300  
 Fax: 541-343-0375

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: March 31, 1997

---

NVLAP LAB CODE 101066-0

**Law Engineering and Environmental Services, Inc.**

2100 Riverchase Center, Suite 450  
 Birmingham, AL 35244  
 Contact: Mr. James C. Findlay  
 Phone: 205-733-7672  
 Fax: 205-985-2951

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: March 31, 1997

---

NVLAP LAB CODE 101070-0

**PSI, Inc.**

25 Dubon Street  
 Farmingdale, NY 11735  
 Contact: Ms. Patty Kirkland  
 Phone: 516-752-1226  
 Fax: 516-752-1508

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: March 31, 1997

---

NVLAP LAB CODE 101072-0

**Industrial Testing Laboratories, Inc.**

2350 South 7th Street  
 St. Louis, MO 63104-4296  
 Contact: Mr. William J. Lowry  
 Phone: 314-771-4436  
 Fax: 314-771-9573

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: June 30, 1997

**Airborne Asbestos Analysis (TEM)**

Accreditation Valid Through: June 30, 1997

---

NVLAP LAB CODE 101074-0

**CT&E Environmental Services**

One Palmer Terrace  
 Carlstadt, NJ 07072  
 Contact: Ms. Cecile Fook  
 Phone: 201-939-4280  
 Fax: 201-939-4670

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: June 30, 1997

---

NVLAP LAB CODE 101079-0

**Wausau Insurance Companies**

Environmental Health Laboratory  
 P.O. Box 8017, 2000 Westwood Drive  
 Wausau, WI 54402-8017  
 Contact: Dr. Thomas Stavros  
 Phone: 715-842-6810  
 Fax: 715-847-8391

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: June 30, 1997

---

NVLAP LAB CODE 101086-0

**Analytica Solutions, Inc.**

325 Interlocken Parkway, Suite 200  
 Broomfield, CO 80021  
 Contact: Mr. Tim Osbourn  
 Phone: 303-469-8868  
 Fax: 303-469-5254

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: March 31, 1997

**Airborne Asbestos Analysis (TEM)**

Accreditation Valid Through: March 31, 1997

---

NVLAP LAB CODE 101087-0

**Environmental Monitoring & Consulting Associates**

P.O. Box 872  
 Somerville, NJ 08876  
 Contact: Mr. Joel Russell  
 Phone: 908-249-3005  
 Fax: 908-249-3384

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: December 31, 1997

---

NVLAP LAB CODE 101088-0

**EEC, Inc.**

107 Wind Chime Court  
 Raleigh, NC 27615  
 Contact: Mr. Mike Shrimanker  
 Phone: 919-846-1016  
 Fax: 919-846-1813

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: June 30, 1997

---

NVLAP LAB CODE 101091-0

**Maxim Technologies, Inc.**

2342 Fabens  
 P.O. Box 59902  
 Dallas, TX 75229-3399  
 Contact: Ms. Jennifer Jaber  
 Phone: 214-247-7576  
 Fax: 214-484-5804

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: June 30, 1997

**Airborne Asbestos Analysis (TEM)**

Accreditation Valid Through: June 30, 1997

---

NVLAP LAB CODE 101091-1

**Maxim Technologies, Inc.**

222 Cavalcade Street  
 P.O. Box 8768  
 Houston, TX 77249-8768  
 Contact: Mr. Tom Jank  
 Phone: 713-692-9151  
 Fax: 713-696-6274

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: June 30, 1997

---

NVLAP LAB CODE 101103-0

**Chatfield Technical Consulting Limited**

2071 Dickson Road  
 Mississauga Ontario L5B 1Y8  
 CANADA  
 Contact: Dr. Eric J. Chatfield  
 Phone: 905-896-7611  
 Fax: 905-896-1930

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: March 31, 1997

NVLAP LAB CODE 101106-0

**Clayton Environmental Consultants, Inc.**

4636 East Marginal Way South, Suite 215  
 Seattle, WA 98134-2331  
 Contact: Ms. Patricia Lukens  
 Phone: 206-763-7364  
 Fax: 206-763-4189

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: June 30, 1997

NVLAP LAB CODE 101116-0

**Environmental Health Laboratory**

3920 Arkwright Road  
 Macon, GA 31213  
 Contact: Mr. Andrew L. Teague  
 Phone: 912-471-4544  
 Fax: 912-471-4326  
 E-Mail: ateague@cigna.e-mail.com

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: June 30, 1997

NVLAP LAB CODE 101109-0

**Wisconsin Occupational Health Laboratory**

979 Jonathon Drive  
 Madison, WI 53713  
 Contact: Mr. Lyle Reichmann  
 Phone: 608-263-7781  
 Fax: 608-263-6551

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: June 30, 1997

NVLAP LAB CODE 101122-0

**Versar, Inc.**

6850 Versar Center  
 Springfield, VA 22151  
 Contact: Ms. Marcie Dilks  
 Phone: 703-642-6889  
 Fax: 703-642-6809

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: March 31, 1997

NVLAP LAB CODE 101111-0

**City of Los Angeles Department of Water and Power**

Department of Water and Power  
 P.O. Box 111, 1630 N. Main St., Bldg. 7  
 Los Angeles, CA 90051-0100  
 Contact: Mr. Timothy B. Hemming  
 Phone: 213-367-7271  
 Fax: 213-367-7285

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: March 31, 1997

NVLAP LAB CODE 101125-0

**Clayton Environmental Consultants, Inc.**

400 Chastain Center Blvd., NW  
 Suite 490  
 Kennesaw, GA 30144-5558  
 Contact: Mr. Alan M. Segrave  
 Phone: 770-499-7500  
 Fax: 770-423-4990  
 E-Mail: ASEG007@AOL.COM

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: June 30, 1997

NVLAP LAB CODE 101112-0

**SSM/Laboratories, Inc.**

345 North Wyomissing Blvd.  
 P.O. Box 6307  
 Reading, PA 19610-0307  
 Contact: Ms. Odette Mina  
 Phone: 610-376-4595  
 Fax: 610-376-8522

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: March 31, 1997

**Airborne Asbestos Analysis (TEM)**

Accreditation Valid Through: June 30, 1997

NVLAP LAB CODE 101130-0

**TEM, Incorporated**

443 Duane Street  
 Glen Ellyn, IL 60137  
 Contact: Mr. James Tuinenga  
 Phone: 630-790-0880  
 Fax: 630-790-0882

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: September 30, 1997



**Airborne Asbestos Analysis (TEM)**  
Accreditation Valid Through: September 30, 1997

---

NVLAP LAB CODE 101135-0

**McKee Environmental Health, Inc.**

303 Westfield Lane  
Friendswood, TX 77546-6316  
Contact: Mr. Ronald S. McKee  
Phone: 713-482-3403  
Fax: 713-482-7203

**Bulk Asbestos Analysis (PLM)**  
Accreditation Valid Through: June 30, 1997

---

NVLAP LAB CODE 101136-0

**American Medical Laboratories**

14225 Newbrook Drive  
P.O. Box 10841  
Chantilly, VA 22021-0841  
Contact: Mr. Bryan Mason  
Phone: 703-802-6900  
Fax: 703-802-7041

**Bulk Asbestos Analysis (PLM)**  
Accreditation Valid Through: March 31, 1997

---

NVLAP LAB CODE 101143-0

**AMA Analytical Services, Inc.**

4485 Forbes Blvd.  
Lanham, MD 20706  
Contact: Dr. Douglas M. Hanson  
Phone: 301-459-2640  
Fax: 301-459-2643  
E-Mail: AMALAB@EROLS.COM

**Bulk Asbestos Analysis (PLM)**  
Accreditation Valid Through: June 30, 1997

**Airborne Asbestos Analysis (TEM)**  
Accreditation Valid Through: June 30, 1997

---

NVLAP LAB CODE 101145-0

**Riverside County Department of Environmental Health**

P.O. Box 7600, 4065 County Circle Drive  
Riverside, CA 92513-7600  
Contact: Mr. William D. Redden  
Phone: 909-358-5050  
Fax: 909-358-5443

**Bulk Asbestos Analysis (PLM)**  
Accreditation Valid Through: September 30, 1997

---

NVLAP LAB CODE 101147-0

**Hygienetics Laboratory Services**

98 North Washington Street  
Boston, MA 02114  
Contact: Mr. Bryan Clark  
Phone: 617-589-0660  
Fax: 617-742-4285

**Bulk Asbestos Analysis (PLM)**  
Accreditation Valid Through: June 30, 1997

**Airborne Asbestos Analysis (TEM)**  
Accreditation Valid Through: June 30, 1997

---

NVLAP LAB CODE 101148-0

**Fugro Environmental, Inc.**

6100 Hillcroft, Suite 300  
P.O. Box 740010  
Houston, TX 77081  
Contact: Mr. Darryl Neldner  
Phone: 713-773-5631  
Fax: 713-773-5600

**Bulk Asbestos Analysis (PLM)**  
Accreditation Valid Through: March 31, 1997

---

NVLAP LAB CODE 101150-0

**Schneider Laboratories, Inc.**

2512 W. Cary Street  
Richmond, VA 23220-5117  
Contact: Mr. Raja F. Abouzaki  
Phone: 804-353-6778  
Fax: 804-353-6928

**Bulk Asbestos Analysis (PLM)**  
Accreditation Valid Through: March 31, 1997

---

NVLAP LAB CODE 101151-0

**Micro Analytical Laboratories, Inc.**

3618 N.W. 97th Blvd.  
 Gainesville, FL 32606  
 Contact: Mr. Robert A. Longo  
 Phone: 352-332-1701  
 Fax: 352-332-3572

**Bulk Asbestos Analysis (PLM)**  
 Accreditation Valid Through: June 30, 1997

**Airborne Asbestos Analysis (TEM)**  
 Accreditation Valid Through: June 30, 1997

---

NVLAP LAB CODE 101152-0

**Law Engineering, Inc.**

5500 Guhn Road  
 Houston, TX 77040-6126  
 Contact: Mr. Tony T. Dang  
 Phone: 713-939-7161  
 Fax: 713-462-7903

**Bulk Asbestos Analysis (PLM)**  
 Accreditation Valid Through: June 30, 1997

---

NVLAP LAB CODE 101155-0

**AMS-NATEC Environmental Services, Inc.**

7441 Anaconda Avenue  
 Garden Grove, CA 92641-2911  
 Contact: Mr. Vanc Thomas  
 Phone: 714-894-7577  
 Fax: 714-373-1768

**Bulk Asbestos Analysis (PLM)**  
 Accreditation Valid Through: December 31, 1997

---

NVLAP LAB CODE 101159-0

**Health & Hygiene, Inc.**

420 Gallimore Dairy Road  
 Greensboro, NC 27409  
 Contact: Mr. Stanley H. Garber  
 Phone: 910-665-1818  
 Fax: 910-665-0847  
 E-Mail: 74260.3133 (Compu Serve)

**Bulk Asbestos Analysis (PLM)**  
 Accreditation Valid Through: June 30, 1997

---

NVLAP LAB CODE 101162-0

**TerraNext**

10025 W. Technology Blvd., Suite 147  
 Dallas, TX 75220  
 Contact: Mr. Bakhtiar Dargali  
 Phone: 214-352-9400  
 Fax: 214-352-3200

**Bulk Asbestos Analysis (PLM)**  
 Accreditation Valid Through: March 31, 1997

---

NVLAP LAB CODE 101165-0

**International Asbestos Testing Laboratory**

16000 Horizon Way, Unit 100  
 Mt. Laurel, NJ 08054  
 Contact: Mr. Frank E. Ehrenfeld III  
 Phone: 609-231-9449  
 Fax: 609-231-9818

**Bulk Asbestos Analysis (PLM)**  
 Accreditation Valid Through: June 30, 1997

**Airborne Asbestos Analysis (TEM)**  
 Accreditation Valid Through: June 30, 1997

---

NVLAP LAB CODE 101168-0

**AAC Trinity, Inc.**

38855 Hills Tech Drive, Suite 550  
 Farmington Hills, MI 48331  
 Contact: Mr. Charles A. O'Bryan  
 Phone: 810-848-9656  
 Fax: 810-848-9657

**Bulk Asbestos Analysis (PLM)**  
 Accreditation Valid Through: March 31, 1997

---

NVLAP LAB CODE 101170-0

**Gelles Laboratories, Inc.**

2836 Fisher Road  
 Columbus, OH 43204-3538  
 Contact: Dr. Stanley H. Gelles  
 Phone: 614-276-2957  
 Fax: 614-276-3441

**Bulk Asbestos Analysis (PLM)**  
 Accreditation Valid Through: June 30, 1997

**Airborne Asbestos Analysis (TEM)**  
Accreditation Valid Through: June 30, 1997

---

NVLAP LAB CODE 101172-0

**Asbestos Detection Co., Inc.**  
12862 Garden Grove Blvd., Suite 220  
Garden Grove, CA 92643  
Contact: Mr. Richard L. Frauenberger  
Phone: 714-530-1922  
Fax: 714-530-3756

**Bulk Asbestos Analysis (PLM)**  
Accreditation Valid Through: March 31, 1997

---

NVLAP LAB CODE 101185-0

**SEAS, Inc.**  
3089 Pandapas Pond Road  
P.O. Box 660  
Blacksburg, VA 24063-0660  
Contact: Mr. David L. Violette  
Phone: 540-951-9283  
Fax: 540-951-9282

**Bulk Asbestos Analysis (PLM)**  
Accreditation Valid Through: March 31, 1997

---

NVLAP LAB CODE 101187-0

**ATC Environmental, Inc.**  
104 E. 25th Street 10th Floor  
New York, NY 10010  
Contact: Ms. Milena Lowd  
Phone: 212-353-8280  
Fax: 212-353-3599

**Bulk Asbestos Analysis (PLM)**  
Accreditation Valid Through: June 30, 1997

**Airborne Asbestos Analysis (TEM)**  
Accreditation Valid Through: June 30, 1997

---

NVLAP LAB CODE 101188-0

**Tremco, Inc./BFGoodrich - Roofing Division**  
3735 Green Road  
Beachwood, OH 44122  
Contact: Mr. Donald C. Portfolio  
Phone: 216-766-5644  
Fax: 216-229-0105

**Bulk Asbestos Analysis (PLM)**  
Accreditation Valid Through: March 31, 1997

---

NVLAP LAB CODE 101190-0

**Pacific Environmental Services, Inc.**  
560 Herndon Parkway, Suite 200  
Herndon, VA 22070-5240  
Contact: Mr. John F. Mazur  
Phone: 703-471-8383  
Fax: 703-481-8296

**Bulk Asbestos Analysis (PLM)**  
Accreditation Valid Through: March 31, 1997

---

NVLAP LAB CODE 101192-0

**Philip Environmental Services Corp.**  
210 West Sandbank Road  
P.O. Box 230  
Columbia, IL 62236-0230  
Contact: Mr. Craig M. Brooks  
Phone: 618-281-7173  
Fax: 618-281-5120

**Bulk Asbestos Analysis (PLM)**  
Accreditation Valid Through: March 31, 1997

---

NVLAP LAB CODE 101199-0

**HYGENIX, INC.**  
40 Hoyt Street  
Stamford, CT 06905-5616  
Contact: Mr. Arthur Morris  
Phone: 203-324-2222  
Fax: 203-324-9857

**Bulk Asbestos Analysis (PLM)**  
Accreditation Valid Through: December 31, 1997

---

NVLAP LAB CODE 101202-0

**STAT Analysis Corporation**

2201 W. Campbell Park  
Chicago, IL 60612-3501  
Contact: Mr. David Schwartz  
Phone: 312-733-0551  
Fax: 312-733-2386

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: June 30, 1997

**Airborne Asbestos Analysis (TEM)**

Accreditation Valid Through: June 30, 1997

---

NVLAP LAB CODE 101208-0

**RJ Lee Group, Inc.**

350 Hochberg Road  
Monroeville, PA 15146-1516  
Contact: Mr. Drew R. Van Orden  
Phone: 412-325-1776  
Fax: 412-733-1799  
E-Mail: DREW@RJLG.COM

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: June 30, 1997

**Airborne Asbestos Analysis (TEM)**

Accreditation Valid Through: June 30, 1997

---

NVLAP LAB CODE 101208-2

**RJ Lee Group, Inc.**

Bay Area Laboratory  
530 McCormick Place  
San Leandro, CA 94577  
Contact: Benedict Schiefelbein  
Phone: 510-567-0480  
Fax: 510-567-0488

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: June 30, 1997

**Airborne Asbestos Analysis (TEM)**

Accreditation Valid Through: June 30, 1997

---

NVLAP LAB CODE 101208-3

**RJ Lee Group, Inc.**

Manassas Laboratory  
10503 Battleview Parkway  
Manassas, VA 22110  
Contact: Monica McCloy  
Phone: 703-368-7880  
Fax: 703-368-7761

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: June 30, 1997

**Airborne Asbestos Analysis (TEM)**

Accreditation Valid Through: June 30, 1997

---

NVLAP LAB CODE 101208-5

**RJ Lee Group, Inc.**

Houston Laboratory  
14760 Memorial Drive  
Houston, TX 77079  
Contact: Tony Rease  
Phone: 713-584-0584  
Fax: 713-584-0588

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: June 30, 1997

**Airborne Asbestos Analysis (TEM)**

Accreditation Valid Through: June 30, 1997

---

NVLAP LAB CODE 101216-0

**CTL Environmental Services**

2905 E. Century Boulevard  
South Gate, CA 90280  
Contact: Ms. Cristina E. Tabatt  
Phone: 213-564-2641  
Fax: 213-569-7822

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: September 30, 1997

**Airborne Asbestos Analysis (TEM)**

Accreditation Valid Through: September 30, 1997



NVLAP LAB CODE 101218-0

**EMS Laboratories, Inc.**

117 West Bellevue Drive  
Pasadena, CA 91105-2503  
Contact: Ms. Bernadine M. Kolk  
Phone: 818-568-4065  
Fax: 818-796-5282  
E-Mail: emslab2@aolcom

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: June 30, 1997

**Airborne Asbestos Analysis (TEM)**

Accreditation Valid Through: June 30, 1997

NVLAP LAB CODE 101220-0

**Clark County School District**

Safety & Health Laboratory  
1700 Galleria Drive, Building C  
Henderson, NV 89014  
Contact: Mr. Nathan M. Lencioni  
Phone: 702-799-0989  
Fax: 702-799-0994

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: September 30, 1997

NVLAP LAB CODE 101221-0

**Micro Air, Inc.**

7132 Lakeview Parkway West Drive  
Indianapolis, IN 46268-4104  
Contact: Dr. Morris L.V. French  
Phone: 317-293-1533  
Fax: 317-290-3566

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: March 31, 1997

NVLAP LAB CODE 101222-0

**Enviro-Probe, Inc.**

2917 Bruckner Boulevard  
Bronx, NY 10461  
Contact: Dr. Ved P. Kukreja  
Phone: 718-863-0045  
Fax: 718-518-7454

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: December 31, 1997

NVLAP LAB CODE 101224-0

**Analytical Management, Inc.**

100 Executive Park, Suite 100  
Louisville, KY 40207  
Contact: Mr. Tom DeChurch  
Phone: 502-899-3898  
Fax: 502-893-2437

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: June 30, 1997

NVLAP LAB CODE 101226-0

**Law Engineering and Environmental Services, Inc.**

2801 Yorkmont Road  
P.O. Box 11297  
Charlotte, NC 28220  
Contact: Mr. Jack Coan  
Phone: 704-357-8600  
Fax: 704-357-8639

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: June 30, 1997

NVLAP LAB CODE 101228-0

**The Scott Lawson Group, Ltd.**

29 River Road  
P.O. Box 3304  
Concord, NH 03302-0894  
Contact: Ms. Jennifer Rowland  
Phone: 603-228-3610  
Fax: 603-228-3871

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: June 30, 1997

NVLAP LAB CODE 101229-0

**Ecologies Asbestos Laboratory Services**

4155 E. La Palma Ave., Suite 500  
Anaheim, CA 92807  
Contact: Mr. Allen Hlavacek  
Phone: 714-528-0000  
Fax: 714-524-2471

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: December 31, 1997

---

NVLAP LAB CODE 101232-0

**ERI Consulting Engineers, Inc.**

2024 Republic Drive  
 P.O. Box 2024  
 Tyler, TX 75701-2024  
 Contact: Ms. Kathy R. Schosek  
 Phone: 903-534-5001  
 Fax: 903-534-8701

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: June 30, 1997

**Airborne Asbestos Analysis (TEM)**

Accreditation Valid Through: June 30, 1997

---

NVLAP LAB CODE 101233-0

**HIH Laboratory, Inc.**

100 East NASA Road One, Suite 210  
 P.O. Box 57727  
 Webster, TX 77598  
 Contact: Mr. Jerry W. Bright  
 Phone: 713-338-9000  
 Fax: 713-338-2351

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: March 31, 1997

---

NVLAP LAB CODE 101234-0

**Braun Intertec Corporation**

6875 Washington Avenue South  
 P.O. Box 39108  
 Minneapolis, MN 55439-0108  
 Contact: Ms. Beth Regan  
 Phone: 612-942-4828  
 Fax: 612-942-4844

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: June 30, 1997

**Airborne Asbestos Analysis (TEM)**

Accreditation Valid Through: June 30, 1997

---

NVLAP LAB CODE 101235-0

**Materials Analytical Services, Inc.**

3597 Parkway Lane, Suite 250  
 Norcross, GA 30092  
 Contact: Dr. William E. Longo  
 Phone: 770-448-3200  
 Fax: 770-368-8256

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: June 30, 1997

**Airborne Asbestos Analysis (TEM)**

Accreditation Valid Through: June 30, 1997

---

NVLAP LAB CODE 101237-0

**State of Connecticut**

10 Clinton Street  
 P.O. Box 1689  
 Hartford, CT 06144-1689  
 Contact: Ms. Janet B. Kaphis  
 Phone: 203-566-5626  
 Fax: 203-566-7813

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: March 31, 1997

---

NVLAP LAB CODE 101247-0

**Micro Analytical, Inc.**

1441 N. Mayfair Road  
 Milwaukee, WI 53226  
 Contact: Ms. Gail L. Duthie  
 Phone: 414-771-0855  
 Fax: 414-771-6570

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: December 31, 1997

---

NVLAP LAB CODE 101249-0

**Institute for Environmental Assessment**

7101 Northland Circle  
 Brooklyn Park, MN 55428-1517  
 Contact: Ms. Lee Harbour  
 Phone: 612-535-7721  
 Fax: 612-535-9177

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: June 30, 1997

**Airborne Asbestos Analysis (TEM)**

Accreditation Valid Through: June 30, 1997

**Airborne Asbestos Analysis (TEM)**

Accreditation Valid Through: September 30, 1997

---

NVLAP LAB CODE 101254-0

**Roy F. Weston, Inc.**

1635 Pumphrey Avenue  
Auburn, AL 36830-4303  
Contact: Mr. J. Frank Burgess  
Phone: 334-826-6100  
Fax: 334-826-8232

---

**ATEC Associates, Inc.**

5150 East 65th Street  
Indianapolis, IN 46220-4871  
Contact: Mr. Keith S. Kline  
Phone: 317-849-4990 x1806  
Fax: 317-842-7932

---

NVLAP LAB CODE 101265-0

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: March 31, 1997

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: June 30, 1997

---

NVLAP LAB CODE 101258-0

**DCM Science Laboratory, Inc.**

12477 W. Cedar Drive  
Lakewood, CO 80228  
Contact: Ms. Cindy Mefford  
Phone: 303-985-1155  
Fax: 303-985-1424

---

**Airborne Asbestos Analysis (TEM)**

Accreditation Valid Through: June 30, 1997

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: March 31, 1997

---

NVLAP LAB CODE 101265-2

**ATEC Associates, Inc.**

11356 Mathis Avenue  
Dallas, TX 75229-3157  
Contact: Cindy Randall  
Phone: 214-556-2204  
Fax: 214-556-1753

---

NVLAP LAB CODE 101261-0

**Asbestos Analysis and Information Service, Inc.**

205 Providence Road  
Chapel Hill, NC 27514  
Contact: Mr. Stephen H. Westbrook  
Phone: 919-408-0048  
Fax: 919-408-0538

---

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: June 30, 1997

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: March 31, 1997

---

NVLAP LAB CODE 101265-8

**ATEC Associates, Inc.**

9955 North West 116 Way, Suite 1  
Miami, FL 33178-5126  
Contact: Stephen Bennett  
Phone: 305-882-8200  
Fax: 305-882-1200

---

NVLAP LAB CODE 101262-0

**MDS Laboratories**

4418 Pottsville Pike  
Reading, PA 19605  
Contact: Mr. Fred Usbeck  
Phone: 610-921-8833  
Fax: 610-921-9667

---

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: June 30, 1997

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: September 30, 1997

---

**Airborne Asbestos Analysis (TEM)**

Accreditation Valid Through: June 30, 1997

---

NVLAP LAB CODE 101265-10

**A TEC Associates, Inc.**  
 8989 Hermann Drive  
 Columbia, MD 21045-4710  
 Contact: Bharatha Lakshmi  
 Phone: 301-381-0232  
 Fax: 301-381-8908

**Bulk Asbestos Analysis (PLM)**  
 Accreditation Valid Through: June 30, 1997

---

NVLAP LAB CODE 101269-0

**Volz Environmental Services, Inc.**  
 1200 Gulf Lab Road  
 Pittsburgh, PA 15238-1304  
 Contact: Mr. George J. Skarupa  
 Phone: 412-826-8480  
 Fax: 412-826-8488

**Bulk Asbestos Analysis (PLM)**  
 Accreditation Valid Through: June 30, 1997

---

NVLAP LAB CODE 101270-0

**Pinchin Environmental Consultants Ltd.**  
 5749 Coopers Ave.  
 Mississauga Ontario L4Z 1R9  
 CANADA  
 Contact: Ms. Wendy Bunner  
 Phone: 905-507-4850  
 Fax: 905-507-4884  
 E-Mail: pinchin@inforamp.net

**Bulk Asbestos Analysis (PLM)**  
 Accreditation Valid Through: September 30, 1997

---

NVLAP LAB CODE 101270-1

**Pinchin LeBlanc Environmental Ltd.**  
 300 Prince Albert Road, Suite 120  
 Dartmouth N.S. B2Y 4J2  
 CANADA  
 Contact: Kathy Coughlan  
 Phone: 902-461-9999  
 Fax: 902-461-9932

**Bulk Asbestos Analysis (PLM)**  
 Accreditation Valid Through: September 30, 1997

---

NVLAP LAB CODE 101277-0

**ManTech Environmental Corporation**  
 1901 Research Boulevard, Suite 240  
 Rockville, MD 20850  
 Contact: Mr. Mark B. Watson  
 Phone: 301-309-3535  
 Fax: 301-210-4908

**Bulk Asbestos Analysis (PLM)**  
 Accreditation Valid Through: June 30, 1997

**Airborne Asbestos Analysis (TEM)**  
 Accreditation Valid Through: June 30, 1997

---

NVLAP LAB CODE 101282-0

**Mystic Air Quality Consultants, Inc.**  
 1204 North Road  
 Groton, CT 06340  
 Contact: Mr. Christopher J. Eident  
 Phone: 203-449-8903  
 Fax: 203-449-8860  
 E-Mail: MAQCZ@AOL.COM

**Bulk Asbestos Analysis (PLM)**  
 Accreditation Valid Through: September 30, 1997

---

NVLAP LAB CODE 101288-0

**University (State) Hygienic Laboratory**  
 University of Iowa  
 102 Oakdale Campus, #H101 OH  
 Iowa City, IA 52242-5002  
 Contact: Dr. George Breuer  
 Phone: 319-335-4500  
 Fax: 319-335-4555  
 E-Mail: gbreuer@uhl.uiowa.edu

**Bulk Asbestos Analysis (PLM)**  
 Accreditation Valid Through: June 30, 1997

**Airborne Asbestos Analysis (TEM)**  
 Accreditation Valid Through: June 30, 1997



NVLAP LAB CODE 101289-0

**Omega Environmental Services**

125 State Street  
 Hackensack, NJ 07601  
 Contact: Ms. Veronica Kero  
 Phone: 201-489-8700  
 Fax: 201-342-4442

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: March 31, 1997

NVLAP LAB CODE 101292-0

**Maxim Technologies, Inc.**

600 South 25th Street  
 P.O. Box 30615  
 Billings, MT 59107  
 Contact: Ms. Kathleen A. Smit  
 Phone: 406-248-9161  
 Fax: 406-248-9282

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: March 31, 1997

NVLAP LAB CODE 101295-0

**ERT Testing Services**

211 Glendale, Suite 425  
 Highland Park, MI 48203  
 Contact: Ms. Rose Grier  
 Phone: 313-865-0600  
 Fax: 313-865-8951

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: March 31, 1997

NVLAP LAB CODE 101301-0

**PMK Group, Inc.**

629 Springfield Road  
 Kenilworth, NJ 07033  
 Contact: Mr. James Ferris  
 Phone: 908-686-0044  
 Fax: 908-686-0715

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: March 31, 1997

NVLAP LAB CODE 101306-0

**Environmental Services, Inc.**

6404 MacCorkle Avenue  
 St. Albans, WV 25177  
 Contact: Mr. Eric B. Gillespie  
 Phone: 304-768-2233  
 Fax: 304-768-9988

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: September 30, 1997

NVLAP LAB CODE 101322-0

**Daily Analytical Laboratories**

1621 W. Candletree Drive  
 Peoria, IL 61614  
 Contact: Mr. Stephen E. Julien  
 Phone: 309-692-5252  
 Fax: 309-692-0488

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: March 31, 1997

NVLAP LAB CODE 101323-0

**PA DEP Bureau of Laboratories**

P.O. Box 1467  
 Harrisburg, PA 17105-1467  
 Contact: Mr. Floyd D. Kefford  
 Phone: 717-787-4669  
 Fax: 717-783-1502

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: March 31, 1997

NVLAP LAB CODE 101330-0

**Allison Analytical Services, Inc.**

5900 North High Street  
 Worthington, OH 43085  
 Contact: Mr. Ian Chavez  
 Phone: 614-438-5962  
 Fax: 614-438-5963

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: March 31, 1997

---

NVLAP LAB CODE 101331-0

**Kellco Services, Inc.**

44814 Osgood Road  
 Fremont, CA 94539  
 Contact: Dr. Xiaomin (Simon) Wang  
 Phone: 510-659-9751  
 Fax: 510-659-0147

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: March 31, 1997

---

NVLAP LAB CODE 101332-0

**New York Testing Laboratories, Inc.**

84 Kean Street  
 West Babylon, NY 11704  
 Contact: Mr. Robert A. Salter  
 Phone: 516-491-3800  
 Fax: 516-491-4142

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: June 30, 1997

**Airborne Asbestos Analysis (TEM)**

Accreditation Valid Through: June 30, 1997

---

NVLAP LAB CODE 101342-0

**Professional Service Industries, Inc.**

4820 West 15th Street  
 Lawrence, KS 66049-3846  
 Contact: Mr. Wayne Dickerson  
 Phone: 913-865-9345  
 Fax: 913-865-9337

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: June 30, 1997

---

NVLAP LAB CODE 101343-0

**O'Brien & Gere Laboratories, Inc.**

5000 Brittonfield Parkway  
 P.O. Box 4942  
 Syracuse, NY 13221  
 Contact: Mr. Michael J. Gerber  
 Phone: 315-437-0200  
 Fax: 315-463-7554

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: June 30, 1997

**Airborne Asbestos Analysis (TEM)**

Accreditation Valid Through: June 30, 1997

---

NVLAP LAB CODE 101350-0

**PSI**

850 Poplar Street  
 Pittsburgh, PA 15220  
 Contact: Ms. Sheryl L. Kraft  
 Phone: 412-922-4010 x260  
 Fax: 412-922-4014

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: June 30, 1997

**Airborne Asbestos Analysis (TEM)**

Accreditation Valid Through: June 30, 1997

---

NVLAP LAB CODE 101356-0

**Beling Consultants, Inc.**

1001 16th Street  
 Moline, IL 61265  
 Contact: Mr. Jeffrey A. Wasson  
 Phone: 309-757-9814  
 Fax: 309-757-9812

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: March 31, 1997

---

NVLAP LAB CODE 101374-0

**BCM Engineers, Inc./Smith Environmental Technologies Corporation**

Laboratory Division  
 1850 Gravers Road-West  
 Norristown, PA 19401-2813  
 Contact: Ms. D. Linda Cox  
 Phone: 610-272-4208  
 Fax: 610-272-5498

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: June 30, 1997

NVLAP LAB CODE 101375-0

**Galson Laboratories**

6601 Kirkville Road  
 P.O. Box 369  
 East Syracuse, NY 13057  
 Contact: Ms. Eva Galson  
 Phone: 315-432-0506  
 Fax: 315-437-0509

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: March 31, 1997

NVLAP LAB CODE 101383-0

**Lockheed Martin Utility Services, Inc.**

Portsmouth Uranium Enrichment Plant  
 P.O. Box 628, 3930 US Route 23  
 Piketon, OH 45661  
 Contact: Mr. D. K. Perez  
 Phone: 614-897-5702  
 Fax: 614-897-3130

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: March 31, 1997

NVLAP LAB CODE 101384-0

**Health Science Associates**

10771 Noel Street  
 Los Alamitos, CA 90720-2547  
 Contact: Ms. Susan Rosenberg  
 Phone: 714-220-3922  
 Fax: 714-220-2081  
 E-Mail: srosenberg@earthlink.net

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: June 30, 1997

NVLAP LAB CODE 101399-0

**M.S.L. Guardian**

6309 Fern Valley Pass  
 Louisville, KY 40228-1059  
 Contact: Mr. Douglas W. Peters  
 Phone: 502-964-0865  
 Fax: 502-964-7681

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: March 31, 1997

NVLAP LAB CODE 101410-0

**Davis & Floyd, Inc.**

816 East Durst Street  
 P.O. Drawer 428  
 Greenwood, SC 29649  
 Contact: Mr. E. Carl Burrell, Jr.  
 Phone: 864-229-4413  
 Fax: 864-229-7119

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: March 31, 1997

NVLAP LAB CODE 101415-0

**Larron Laboratory**

529 Broadway  
 Cape Girardeau, MO 63701  
 Contact: Mr. Ronald E. Farrow  
 Phone: 573-334-8910  
 Fax: 573-334-8910

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: December 31, 1997

NVLAP LAB CODE 101421-0

**Hillmann Environmental Company**

1600 Route 22 East  
 Union, NJ 07083-1597  
 Contact: Ms. Marianne Hillmann  
 Phone: 908-688-7800  
 Fax: 908-686-2636

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: September 30, 1997

NVLAP LAB CODE 101424-0

**TRC Environmental Corporation**

5 Waterside Crossing  
 Windsor, CT 06095  
 Contact: Mr. Lance R. Cotton  
 Phone: 860-298-6326  
 Fax: 860-298-6399

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: June 30, 1997

INDEX D. LISTING OF TESTING LABORATORIES BY NVLAP LAB CODE - continued

---

NVLAP LAB CODE 101425-0

**Marine Chemist Service, Inc.**

11850 Tug Boat Lane  
Newport News, VA 23606  
Contact: Ms. Colleen Becker  
Phone: 757-873-0933  
Fax: 757-873-1074

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: June 30, 1997

---

NVLAP LAB CODE 101428-0

**National Testing Laboratories, Inc.**

27-14 39th Avenue  
Long Island City, NY 11101-2704  
Contact: Ms. Theo Konstandt  
Phone: 718-784-2626  
Fax: 718-937-8172

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: March 31, 1997

---

NVLAP LAB CODE 101433-0

**Dames & Moore, Inc.**

5 Industrial Way  
Salem, NH 03079  
Contact: Mr. Douglas R. Lawson  
Phone: 603-893-0616  
Fax: 603-893-6240

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: March 31, 1997

---

NVLAP LAB CODE 101436-0

**Occupational Health Technologies, Inc.**

2802 Janitell Road, Suite A  
Colorado Springs, CO 80906-4103  
Contact: Mr. Roger L. Gittel  
Phone: 719-540-8511  
Fax: 719-540-8541

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: September 30, 1997

---

NVLAP LAB CODE 101440-0

**RI Analytical Laboratories, Inc.**

41 Illinois Avenue  
Warwick, RI 02888-3007  
Contact: Ms. Kellie Mulligan  
Phone: 401-737-8500  
Fax: 401-738-1970

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: March 31, 1997

---

NVLAP LAB CODE 101442-0

**ASBESTECH**

6825 Fair Oaks Blvd., Suite 103  
Carmichael, CA 95608  
Contact: Mr. Tommy Conlon  
Phone: 916-481-8902  
Fax: 916-481-3975

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: June 30, 1997

---

NVLAP LAB CODE 101455-0

**Entek Environmental & Technical Services, Inc.**

125 Defreest Drive  
Troy, NY 12180  
Contact: Mr. James Gallagher  
Phone: 800-888-9200  
Fax: 518-283-9205

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: March 31, 1997

---

NVLAP LAB CODE 101457-0

**Assaigai Analytical Laboratories, Inc.**

7300 Jefferson NE  
P.O. Box 90430  
Albuquerque, NM 87199-0430  
Contact: Mr. William P. Biava  
Phone: 505-822-8061  
Fax: 505-822-8063

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: June 30, 1997



NVLAP LAB CODE 101459-0

**Forensic Analytical Specialties, Inc.**

3777 Depot Road, Suite 409  
Hayward, CA 94545-2756  
Contact: Mr. David Kahane  
Phone: 510-887-8828  
Fax: 510-887-4218

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: June 30, 1997

**Airborne Asbestos Analysis (TEM)**

Accreditation Valid Through: June 30, 1997

NVLAP LAB CODE 101459-1

**Forensic Analytical Specialties, Inc.**

2959 Pacific Commerce Drive  
Rancho Domingues, CA 90221  
Contact: Matilde Antillon  
Phone: 310-763-2374  
Fax: 310-763-8684

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: June 30, 1997

NVLAP LAB CODE 101463-0

**Northern Testing Laboratories, Inc.**

3330 Industrial Avenue  
Fairbanks, AK 99701-7395  
Contact: Ms. Cindy L. Christian  
Phone: 907-456-3116  
Fax: 907-456-3125

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: March 31, 1997

NVLAP LAB CODE 101468-0

**Inchcape Testing Services NA, Inc.**

7979 GSRI Avenue  
Baton Rouge, LA 70820  
Contact: Mr. C. Patrick Byrne  
Phone: 504-769-4900  
Fax: 504-767-5717

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: September 30, 1997

NVLAP LAB CODE 101479-0

**PDR Environmental Laboratories**

2000 Lindell Avenue  
Nashville, TN 37203-5509  
Contact: Dr. A. K. Upadhyaya  
Phone: 615-298-2065  
Fax: 615-269-4119  
E-Mail: pdreng@nc5.infi.net

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: September 30, 1997

NVLAP LAB CODE 101496-0

**Knoxville Branch Laboratory-TN Dept. Health**

East TN Regional Office  
P.O. Box 59019, 1522 Cherokee Trail  
Knoxville, TN 37950-9019  
Contact: Dr. Philip M. Baker  
Phone: 423-549-5201  
Fax: 423-594-5199

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: September 30, 1997

NVLAP LAB CODE 101505-0

**Los Angeles Unified School District**

BSC Annex, Env. Health & Safety Branch  
1449 So. San Pedro Street  
Los Angeles, CA 90015  
Contact: Ms. DeeAnne Bryant  
Phone: 213-743-5086  
Fax: 213-749-8010  
E-Mail: dbryant@lausd.K12.ca.us

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: September 30, 1997

**Airborne Asbestos Analysis (TEM)**

Accreditation Valid Through: September 30, 1997

NVLAP LAB CODE 101506-0

**St. Louis County Department of Health**

Environmental Health Laboratories  
111 So. Meramec  
Clayton, MO 63105-1711  
Contact: Mr. Wayne Wilhelm  
Phone: 314-854-6833  
Fax: 314-854-6648

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: December 31, 1997

---

NVLAP LAB CODE 101510-0

**Fibertec, Inc.**

2280 Aurelius Road  
 Holt, MI 48842-2165  
 Contact: Mr. Matthew Frisch  
 Phone: 517-699-0345  
 Fax: 517-699-0388

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: December 31, 1997

---

NVLAP LAB CODE 101514-0

**EnviroMed Services, Inc.**

25 Science Park  
 New Haven, CT 06511  
 Contact: Mr. Joseph Pasquariello  
 Phone: 203-786-5580  
 Fax: 203-786-5579

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: June 30, 1997

---

NVLAP LAB CODE 101515-0

**Law Engineering and Environmental Services, Inc.**

4919 West Laurel Street  
 Tampa, FL 33607  
 Contact: Mr. Monte Hall  
 Phone: 813-289-0750  
 Fax: 813-289-5474

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: March 31, 1997

---

NVLAP LAB CODE 101515-1

**Law Engineering and Environmental Services, Inc.**

5845 N.W. 158th Street  
 Miami Lakes, FL 33014  
 Contact: Chris DuBour  
 Phone: 305-826-5588  
 Fax: 305-826-1799

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: March 31, 1997

---

NVLAP LAB CODE 101516-0

**Aetna Life & Casualty**

575 Pigeon Hill Road  
 Windsor, CT 06095  
 Contact: Ms. Ethel T. Patricio  
 Phone: 203-683-3647  
 Fax: 203-683-3746

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: March 31, 1997

---

NVLAP LAB CODE 101523-0

**DHMH-Air Quality Laboratory**

201 West Preston Street  
 P.O. Box 2355  
 Baltimore, MD 21201-2355  
 Contact: Dr. Prince A. Kassim  
 Phone: 410-225-5838  
 Fax: 410-333-5403

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: March 31, 1997

---

NVLAP LAB CODE 101530-0

**Department of Environmental Health Industrial Hygiene Laboratory**

9325 Hazard Way  
 San Diego, CA 92123-1217  
 Contact: Mr. Larry Marshall  
 Phone: 619-694-2232  
 Fax: 619-694-3434

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: December 31, 1997

---

NVLAP LAB CODE 101536-0

**Eagle Industrial Hygiene Associates, Inc.**

359 Dresher Road  
 Horsham, PA 19044-2129  
 Contact: Mr. Keith E. Crawford  
 Phone: 215-672-6088  
 Fax: 215-443-0899

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: June 30, 1997

NVLAP LAB CODE 101539-0

**Puget Sound Naval Shipyard**

Code 134, Bldg. 371  
 1400 Farragut Ave.  
 Bremerton, WA 98314-5000  
 Contact: Mr. Michael Heaton  
 Phone: 360-476-8091  
 Fax: 360-476-5587

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: March 31, 1997

NVLAP LAB CODE 101545-0

**NOVA Environmental Services, Inc.**

1107 Hazeltine Boulevard, Suite 400  
 Chaska, MN 55318  
 Contact: Mr. Tim Wilkinson  
 Phone: 612-448-9393  
 Fax: 612-448-9572

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: March 31, 1997

NVLAP LAB CODE 101553-0

**Barnes and Jarnis, Inc.**

25 Stuart Street, Sixth Floor  
 Boston, MA 02116  
 Contact: Ms. Carmen Panaitescu  
 Phone: 617-542-6521  
 Fax: 617-426-7992

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: September 30, 1997

NVLAP LAB CODE 101558-0

**Technical Services Laboratory**

31-01 20th Avenue, Bldg. 138  
 Long Island City, NY 11105-2048  
 Contact: Mr. Hubert Gordon  
 Phone: 718-204-4137  
 Fax: 718-956-8058

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: September 30, 1997

NVLAP LAB CODE 101565-0

**Northeast Test Consultants**

587 Spring Street  
 P.O. Box 438  
 Westbrook, ME 04092  
 Contact: Ms. Laura Marles  
 Phone: 207-854-3939  
 Fax: 207-854-3658  
 E-Mail: INFO@NETEST.COM

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: June 30, 1997

NVLAP LAB CODE 101567-0

**South Coast Air Quality Management District**

21865 E. Copley Drive  
 Diamond Bar, CA 91765-4182  
 Contact: Mr. Corazon B. Choa  
 Phone: 909-396-2172  
 Fax: 909-396-2175

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: March 31, 1997

NVLAP LAB CODE 101568-0

**Stanley Engineering Inc.**

Alpha Analytical Laboratories  
 2700 NW 39th Street  
 Oklahoma City, OK 73112  
 Contact: Mr. David Morris  
 Phone: 405-948-1979  
 Fax: 405-948-1964

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: June 30, 1997

NVLAP LAB CODE 101572-0

**South Carolina Department of Health & Environmental Control**

Division of Air Quality Analysis  
 8231 Parklane Road  
 Columbia, SC 29223-4903  
 Contact: Mr. Scott A. Reynolds  
 Phone: 803-935-7020  
 Fax: 803-935-7363

**Bulk Asbestos Analysis (PLM)**  
Accreditation Valid Through: March 31, 1997

**Airborne Asbestos Analysis (TEM)**  
Accreditation Valid Through: June 30, 1997

NVLAP LAB CODE 101578-0

**AGX, Inc.**  
50 Progress Avenue  
Cranberry Township, PA 16066  
Contact: Mr. Daniel Winkle  
Phone: 412-776-1905  
Fax: 412-776-5714

**Bulk Asbestos Analysis (PLM)**  
Accreditation Valid Through: March 31, 1997

NVLAP LAB CODE 101580-0

**Precision Testing Laboratories, Inc.**  
1909 S. Eastern  
Moore, OK 73160-6060  
Contact: Mr. Jerry Doyle  
Phone: 405-793-1468  
Fax: 405-793-1489

**Bulk Asbestos Analysis (PLM)**  
Accreditation Valid Through: June 30, 1997

NVLAP LAB CODE 101585-0

**Pro-Ac, Inc.**  
dba Proactive Consulting Services  
5643 Cheviot Road, Suite 3  
Cincinnati, OH 45247  
Contact: Mr. John Stirnkorb  
Phone: 513-741-0774  
Fax: 513-741-7721

**Bulk Asbestos Analysis (PLM)**  
Accreditation Valid Through: September 30, 1997

NVLAP LAB CODE 101587-0

**Environmental Enterprise Group(EEG), Inc.**  
1305 East Main Street  
Russellville, AR 72801  
Contact: Mr. Keith Zimmerman  
Phone: 501-968-6767  
Fax: 501-968-1956

**Bulk Asbestos Analysis (PLM)**  
Accreditation Valid Through: June 30, 1997

NVLAP LAB CODE 101588-0

**Safety Environmental Laboratories, Inc.**  
3033 Lorna Road  
P.O. Box 661076  
Birmingham, AL 35266-1076  
Contact: Ms. Rebecca J. Hicks  
Phone: 205-823-6200  
Fax: 205-823-9066

**Bulk Asbestos Analysis (PLM)**  
Accreditation Valid Through: June 30, 1997

NVLAP LAB CODE 101593-0

**National Environmental Reference Laboratory**  
C/O US Geological Survey, MS PHL/NERL  
P.O. Box 25046  
Denver, CO 80225-0046  
Contact: Mr. Bruce Hills  
Phone: 303-236-3455 x500  
Fax: 303-236-3440

**Bulk Asbestos Analysis (PLM)**  
Accreditation Valid Through: March 31, 1997

NVLAP LAB CODE 101594-0

**TolTest, Inc.**  
1915 North 12th Street  
P.O. Box 2186  
Toledo, OH 43603  
Contact: Mr. Samuel D. Ansara  
Phone: 419-241-7175  
Fax: 419-321-6257

**Bulk Asbestos Analysis (PLM)**  
Accreditation Valid Through: March 31, 1997

NVLAP LAB CODE 101595-0

**Envirotest, Inc.**  
3902 Braxton  
Houston, TX 77063  
Contact: Dr. Stuart C. Williams  
Phone: 713-782-4411  
Fax: 713-782-3428

**Bulk Asbestos Analysis (PLM)**  
Accreditation Valid Through: March 31, 1997



---

NVLAP LAB CODE 101610-0

**AET Environmental, Inc.**

501 King Avenue  
 Cherry Hill, NJ 08002  
 Contact: Mr. Gary Tourscher  
 Phone: 609-663-2600  
 Fax: 609-486-1397

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: June 30, 1997

---

NVLAP LAB CODE 101611-0

**Applied Environmental, Inc.**

11800 Sunrise Valley Drive, Suite 1200  
 Reston, VA 22091  
 Contact: Ms. Jana H. Ambrose  
 Phone: 703-648-0822  
 Fax: 703-648-0575

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: September 30, 1997

---

NVLAP LAB CODE 101618-0

**Ambient Labs, Inc.**

159 West 25th Street, 8th Floor  
 New York, NY 10001-7203  
 Contact: Mr. William Esposito, Jr.  
 Phone: 212-463-7812  
 Fax: 212-463-9397

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: September 30, 1997

---

NVLAP LAB CODE 101621-0

**Diversified Environmental Technologies, Inc.  
 (D.E.T.I.)**

1501 S.E. 66th, Suite A  
 Oklahoma City, OK 73149-5200  
 Contact: Mr. Daniel L. Tutt  
 Phone: 405-677-2442  
 Fax: 405-677-4222

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: March 31, 1997

---

NVLAP LAB CODE 101626-0

**GSC Environmental Laboratories, Inc.**

1527 Crescent Drive  
 Augusta, GA 30909  
 Contact: Mr. Dan D. Troutman  
 Phone: 706-737-0185  
 Fax: 706-737-0743

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: June 30, 1997

---

NVLAP LAB CODE 101631-0

**Precision Environmental Services, Inc.**

14001 57th Ave. S., Suite 110  
 Tukwila, WA 98168  
 Contact: Mr. William F. Golloway  
 Phone: 206-244-4005  
 Fax: 206-244-4047

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: March 31, 1997

---

NVLAP LAB CODE 101634-0

**Industrial Hygiene & Safety Technology, Inc.**

5025 Arapaho, Suite 370  
 Dallas, TX 75248-4653  
 Contact: Mr. Tracy K. Bramlett  
 Phone: 214-392-9340  
 Fax: 214-392-9470

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: September 30, 1997

---

NVLAP LAB CODE 101646-0

**Eastern Analytical Services, Inc.**

4 Westchester Plaza  
 Elmsford, NY 10523-1601  
 Contact: Mr. Paul Stascavage  
 Phone: 914-592-8380  
 Fax: 914-592-8956  
 E-Mail: PaulS@EASInc.com

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: September 30, 1997

**Airborne Asbestos Analysis (TEM)**

Accreditation Valid Through: September 30, 1997

---

NVLAP LAB CODE 101649-0

**Asbestos Consulting & Testing (ACT)**

14953 West 101st Terrace  
 Lenexa, KS 66215  
 Contact: Mr. Jim A. Pickel  
 Phone: 913-492-1337  
 Fax: 913-492-1392

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: March 31, 1997

---

NVLAP LAB CODE 101656-0

**Precision Micro-Analysis, Inc.**

3463 Ramona Avenue, Suite 16  
 Sacramento, CA 95826-3827  
 Contact: Mr. David G. Fisher  
 Phone: 916-456-4892  
 Fax: 916-456-1082  
 E-Mail: dreed@ns.net

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: June 30, 1997

---

NVLAP LAB CODE 101661-0

**West Allis Memorial Hospital**

Industrial Toxicology Laboratory  
 8901 W. Lincoln Avenue  
 West Allis, WI 53227  
 Contact: Dr. Leon A. Saryan  
 Phone: 414-328-7945  
 Fax: 414-328-8560

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: March 31, 1997

---

NVLAP LAB CODE 101671-0

**ATOKA, Inc.**

11701 I-30, Bldg. 1, Ste. 119  
 Little Rock, AR 72209  
 Contact: Mr. Joe D. Henry  
 Phone: 501-455-1700  
 Fax: 501-455-1864

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: September 30, 1997

---

NVLAP LAB CODE 101672-0

**TC Analytics, Inc.**

1200 Boissevain Ave.  
 Norfolk, VA 23507  
 Contact: Mr. Steven J.E. Long  
 Phone: 804-627-0400  
 Fax: 804-627-1118

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: December 31, 1997

---

NVLAP LAB CODE 101675-0

**PHH Environmental Limited**

Suite 100 - 10551 Shellbridge Way  
 Richmond, British Columbia V6X 2W9  
 CANADA  
 Contact: Mr. Mike Wetklo  
 Phone: 604-244-8101  
 Fax: 604-244-8491

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: March 31, 1997

---

NVLAP LAB CODE 101703-0

**National Enforcement Investigations Center - U.S. EPA**

Box 25227 Bldg. 53, Denver Federal Ctr.  
 Denver, CO 80225  
 Contact: Ms. Peggy J. Forney  
 Phone: 303-236-5132 x267  
 Fax: 303-236-5116

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: September 30, 1997

---

NVLAP LAB CODE 101704-0

**Allegheny Asbestos Analysis**

101 South Central Ave., Suite 100  
 Canonsburg, PA 15317-9998  
 Contact: Mr. Timothy Daniels  
 Phone: 412-873-4580  
 Fax: 412-873-4585

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: March 31, 1997

NVLAP LAB CODE 101724-0

**TAKA Analytical Services, Inc.**

8 Pine Hill Court  
 Northport, NY 11768  
 Contact: Mr. Thomas A. Kubic  
 Phone: 516-261-2117  
 Fax: 516-261-2120

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: June 30, 1997

NVLAP LAB CODE 101727-0

**KETER Consultants, Inc.**

8270 Archer Avenue  
 Willow Springs, IL 60480  
 Contact: Mr. Richard J. Langenderfer  
 Phone: 708-839-1338  
 Fax: 708-839-6970

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: March 31, 1997

NVLAP LAB CODE 101732-0

**United Analytical Services, Inc.**

4413 West Roosevelt Road, Suite 108  
 Hillside, IL 60162-2057  
 Contact: Ms. Jean Kinnane  
 Phone: 708-449-0070  
 Fax: 708-449-9582

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: March 31, 1997

NVLAP LAB CODE 101735-0

**Jimmie Ann Bolton**

2105 Nathan Drive  
 Austin, TX 78728  
 Contact: Ms. Jimmie Ann Bolton  
 Phone: 512-251-8388  
 Fax: 512-251-8388

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: June 30, 1997

NVLAP LAB CODE 101749-0

**ComEd**

System Materials Analysis Department  
 555 S. Joliet Road  
 Bolingbrook, IL 60440  
 Contact: Mr. Steven Scalcucci  
 Phone: 630-783-3610  
 Fax: 630-783-3606  
 E-Mail: smass@ccmail.ceco.co

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: September 30, 1997

NVLAP LAB CODE 101755-0

**PSI**

(formerly B&D Materials Testing Corp.)  
 9 East 37th Street, 8th Floor  
 New York, NY 10016  
 Contact: Mr. Devaraj Vijayakumar (VJ)  
 Phone: 212-889-0294  
 Fax: 212-889-0493

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: June 30, 1997

NVLAP LAB CODE 101759-0

**EG&G Environmental Health PLM Laboratory**

BOC-022  
 Kennedy Space Center, FL 32899  
 Contact: Mr. James Taffer  
 Phone: 407-867-2400  
 Fax: 407-867-3694

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: September 30, 1997

NVLAP LAB CODE 101768-0

**Carolina Environmental, Inc.**

1401-F Diggs Drive  
 Raleigh, NC 27603  
 Contact: Mr. C. Britt Wester  
 Phone: 919-755-0000  
 Fax: 919-836-9999

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: March 31, 1997

---

NVLAP LAB CODE 101771-0

**Asbestos Analytical**

2519 North Walnut Avenue  
 Tucson, AZ 85712-2414  
 Contact: Dr. John McLean  
 Phone: 520-323-7644  
 Fax: 520-323-7644

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: September 30, 1997

---

NVLAP LAB CODE 101775-0

**Evans Environmental & Geological Science and Management, Inc.**

99 SE 5th Street, 4th Floor  
 Miami, FL 33131-2545  
 Contact: Mr. Silvio J. Sandino  
 Phone: 305-374-8300  
 Fax: 305-374-9004

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: March 31, 1997

**Airborne Asbestos Analysis (TEM)**

Accreditation Valid Through: March 31, 1997

---

NVLAP LAB CODE 101781-0

**Covino Environmental Associates, Inc.**

300 Wildwood Avenue  
 Woburn, MA 01801  
 Contact: Ms. Ann D. Eckmann  
 Phone: 617-933-2555  
 Fax: 617-932-9402

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: June 30, 1997

---

NVLAP LAB CODE 101782-0

**North American Analytical Labs, Inc.**

154 Caddo Drive, Suite B  
 P.O. Box 6865  
 Abilene, TX 79608-6865  
 Contact: Mr. Denny E. Walker  
 Phone: 915-691-0172  
 Fax: 915-692-2927

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: June 30, 1997

---

NVLAP LAB CODE 101784-0

**Mountaineer Testing Laboratories, Inc.**

425 1/2 N. Jefferson Street  
 P.O. Box 767  
 Lewisburg, WV 24901-0767  
 Contact: Mr. Robert L. Dillon III  
 Phone: 304-645-7114  
 Fax: 304-647-5950

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: December 31, 1997

---

NVLAP LAB CODE 101793-0

**A & B Environmental Services, Inc.**

1643 Federal Road  
 Houston, TX 77015  
 Contact: Mr. Robert L. Voorhies  
 Phone: 713-453-6060  
 Fax: 713-453-6091  
 E-Mail: aandblab@flash.net

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: December 31, 1997

---

NVLAP LAB CODE 101803-0

**CAMCO Lab**

11040 Rose Avenue  
 Fontana, CA 92335  
 Contact: Ms. Pamela Landreth  
 Phone: 909-428-3099  
 Fax: 909-428-3098

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: June 30, 1997

---

NVLAP LAB CODE 101807-0

**EnvironMETeo Services Inc.**

94-515 Ukee Street, Suite 304  
 Waipahu, HI 96797  
 Contact: Mr. Clifford How  
 Phone: 808-671-8383  
 Fax: 808-671-7979  
 E-Mail: putter@aloha.net

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: June 30, 1997



NVLAP LAB CODE 101820-0

**GCI Environmental Advisory, Inc.**

165 Darling Street  
 Wilkes-Barre, PA 18701  
 Contact: Mr. James Grond  
 Phone: 717-823-9069  
 Fax: 717-823-9240

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: September 30, 1997

**Airborne Asbestos Analysis (TEM)**

Accreditation Valid Through: September 30, 1997

NVLAP LAB CODE 101832-0

**A.R.C. Laboratories, Inc.**

1323 9th Avenue South  
 Grand Forks, ND 58201  
 Contact: Mr. Joseph J. Worman  
 Phone: 701-772-6496  
 Fax: 701-772-6416

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: June 30, 1997

NVLAP LAB CODE 101847-0

**Law Engineering and Environmental Services, Inc.**

4465 Brookfield Corporate Drive  
 Chantilly, VA 20151  
 Contact: Mr. Ronald M. Combs  
 Phone: 703-968-4700  
 Fax: 703-968-4778

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: December 31, 1997

NVLAP LAB CODE 101848-0

**Environmental Testing, Inc.**

100 South Cass Street  
 P.O. Box 138  
 Middletown, DE 19709-0138  
 Contact: Mr. Gary A. Hayes  
 Phone: 302-378-9881  
 Fax: 302-378-9882

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: September 30, 1997

NVLAP LAB CODE 101853-0

**RCM Laboratories, Inc.**

9431 W. Ogden Avenue, Suite 2E  
 Brookfield, IL 60513-1819  
 Contact: Dr. Tianbao Bai  
 Phone: 708-485-8600  
 Fax: 708-485-8607

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: June 30, 1997

NVLAP LAB CODE 101855-0

**Analytical Industries, Inc.**

6025 Kentucky Dam Road  
 P.O. Box 3327  
 Paducah, KY 42003  
 Contact: Mr. Steve Stamper  
 Phone: 502-898-8683  
 Fax: 502-898-3531

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: March 31, 1997

NVLAP LAB CODE 101864-0

**Design for Health, Inc.**

1516 West Redwood, Suite 104  
 San Diego, CA 92101  
 Contact: Mr. Kabir Shefa  
 Phone: 619-291-1777  
 Fax: 619-291-4318

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: December 31, 1997

NVLAP LAB CODE 101868-0

**AIRResearch, Inc.**

Environmental Consultants and Laboratory  
 2969 N. 114th Street  
 Wauwatosa, WI 53222  
 Contact: Mr. Jon Yakish  
 Phone: 414-476-3131  
 Fax: 414-476-2201  
 E-Mail: JONMAURA@EXECPC.COM

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: September 30, 1997

---

NVLAP LAB CODE 101869-0

**Northwest Envirocon, Inc.**

7410 Delaware Lane  
 Vancouver, WA 98664  
 Contact: Mr. Robert Roberson  
 Phone: 501-228-9556  
 Fax: 501-228-0926

**Bulk Asbestos Analysis (PLM)**  
 Accreditation Valid Through: December 31, 1997

---

NVLAP LAB CODE 101869-2

**Northwest Envirocon, Inc.**

503 W. State St., Suite #4  
 Muscle Shoals, AL 35661  
 Contact: Steven Milligan  
 Phone: 205-389-9856  
 Fax: 205-389-9647

**Bulk Asbestos Analysis (PLM)**  
 Accreditation Valid Through: December 31, 1997

---

NVLAP LAB CODE 101870-0

**Sun City Analytical, Inc.**

1409 Montana  
 El Paso, TX 79902  
 Contact: Ms. Priscilla Acuna  
 Phone: 915-533-8840  
 Fax: 915-533-8843

**Bulk Asbestos Analysis (PLM)**  
 Accreditation Valid Through: September 30, 1997

---

NVLAP LAB CODE 101871-0

**Apollo Environmental, Inc.**

11553 U.S. Highway 41 South  
 P.O. Box 239  
 Gibsonton, FL 33534-9720  
 Contact: Ms. Patricia Mitchell  
 Phone: 813-671-3999  
 Fax: 813-677-3422

**Bulk Asbestos Analysis (PLM)**  
 Accreditation Valid Through: September 30, 1997

---

NVLAP LAB CODE 101872-0

**Micro Analytical Laboratories, Inc.**

5900 Hollis Street, Suite M  
 Emeryville, CA 94608-2008  
 Contact: Dr. Yianping Li  
 Phone: 510-653-0824  
 Fax: 510-653-1361

**Bulk Asbestos Analysis (PLM)**  
 Accreditation Valid Through: September 30, 1997

**Airborne Asbestos Analysis (TEM)**

Accreditation Valid Through: September 30, 1997

---

NVLAP LAB CODE 101882-0

**Environmental Hazards Services, Inc.**

7469 White Pine Road  
 Richmond, VA 23237  
 Contact: Mr. Eugene Buie  
 Phone: 804-275-4788  
 Fax: 804-275-4907  
 E-Mail: RickB@envlab.com

**Bulk Asbestos Analysis (PLM)**  
 Accreditation Valid Through: December 31, 1997

---

NVLAP LAB CODE 101884-0

**Concord Analysis, Inc.**

9960 Canoga Ave., Suite D8  
 Chatsworth, CA 91311-6704  
 Contact: Ms. Johanna Fann  
 Phone: 818-407-0128  
 Fax: 818-882-9409

**Bulk Asbestos Analysis (PLM)**  
 Accreditation Valid Through: March 31, 1997

**Airborne Asbestos Analysis (TEM)**

Accreditation Valid Through: March 31, 1997

---

NVLAP LAB CODE 101886-0

**Prezant Associates, Inc.**

330 Sixth Avenue North, Suite 200  
 Seattle, WA 98109  
 Contact: Ms. Gail Gislason  
 Phone: 206-281-8858  
 Fax: 206-281-8922  
 E-Mail: ggislason@prezant.wa.com

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: December 31, 1997

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: September 30, 1997

---

NVLAP LAB CODE 101888-0

**Asbestos Control Program Laboratory**

96-05 Horace Harding Expressway, 6th Fl.

Corona, NY 11368-5107

Contact: Mr. Leonard Atteloney

Phone: 718-595-6309

Fax: 718-595-6307

**Airborne Asbestos Analysis (TEM)**

Accreditation Valid Through: September 30, 1997

---

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: December 31, 1997

---

NVLAP LAB CODE 101895-0

**McCall and Spero Environmental, Inc.**

13005 Middletown Industrial Blvd.

Suite H

Louisville, KY 40223

Contact: Ms. June M. Thomas

Phone: 502-244-7135

Fax: 502-244-7136

---

NVLAP LAB CODE 101890-0

**Mountain Laboratories**

2310 North Cherry Street, Suite 100

Spokane, WA 99216

Contact: Mr. Wade K. Johnston

Phone: 406-728-7755

Fax: 406-728-7367

E-Mail: mcswade@ism.net

---

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: June 30, 1997

---

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: September 30, 1997

---

**Airborne Asbestos Analysis (TEM)**

Accreditation Valid Through: June 30, 1997

---

NVLAP LAB CODE 101896-0

**Reservoirs Environmental Services, Inc.**

1827 Grant Street

Denver, CO 80203

Contact: Ms. Jeanne Spencer Orr

Phone: 303-830-1986

Fax: 303-863-9196

---

NVLAP LAB CODE 101891-0

**Asbestos TEM Laboratories, Inc.**

1409 Fifth Street, Suite C

Berkeley, CA 94710

Contact: Mr. R. Mark Bailey

Phone: 510-528-0108

Fax: 510-528-0109

E-Mail: MBaileyASB@aol.com

---

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: June 30, 1997

---

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: June 30, 1997

---

**Airborne Asbestos Analysis (TEM)**

Accreditation Valid Through: June 30, 1997

---

**Airborne Asbestos Analysis (TEM)**

Accreditation Valid Through: June 30, 1997

---

NVLAP LAB CODE 101896-1

**Reservoirs Environmental Services, Inc.**

1147 Brittmore Road

Houston, TX 77043

Contact: Nannette Tyler

Phone: 713-932-0015

Fax: 713-984-0963

---

NVLAP LAB CODE 101894-0

**Midwest Laboratories, Inc.**

6246 Joliet Road, Suite 4

Countryside, IL 60525

Contact: Mr. James P. Hahn

Phone: 708-354-7117

Fax: 708-354-7142

---

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: June 30, 1997

**Airborne Asbestos Analysis (TEM)**  
 Accreditation Valid Through: June 30, 1997

---

NVLAP LAB CODE 101902-0

**E. M. Analytical, Inc.**  
 8000 North Ocean Drive  
 Dania, FL 33004-3078  
 Contact: Ms. Pat Blackwelder  
 Phone: 305-751-1184  
 Fax: 954-921-6747

**Airborne Asbestos Analysis (TEM)**  
 Accreditation Valid Through: June 30, 1997

---

NVLAP LAB CODE 101904-0

**Scientific Laboratories, Inc.**  
 477 Southlake Boulevard  
 Richmond, VA 23236  
 Contact: Dr. Thomas R. McKee  
 Phone: 804-379-1084  
 Fax: 804-379-1087

**Bulk Asbestos Analysis (PLM)**  
 Accreditation Valid Through: June 30, 1997

**Airborne Asbestos Analysis (TEM)**  
 Accreditation Valid Through: June 30, 1997

---

NVLAP LAB CODE 101904-1

**Scientific Laboratories, Inc.**  
 117 East 30th Street  
 New York, NY 10016  
 Contact: Dr. Robert Tompkins  
 Phone: 212-679-8600  
 Fax: 212-679-9392

**Bulk Asbestos Analysis (PLM)**  
 Accreditation Valid Through: June 30, 1997

**Airborne Asbestos Analysis (TEM)**  
 Accreditation Valid Through: June 30, 1997

---

NVLAP LAB CODE 101909-0

**Analytical Labs San Francisco, Inc.**  
 467 Potrero Avenue  
 San Francisco, CA 94110  
 Contact: Ms. Olga Kist  
 Phone: 415-552-4595  
 Fax: 415-552-0730

**Bulk Asbestos Analysis (PLM)**  
 Accreditation Valid Through: March 31, 1997

---

NVLAP LAB CODE 101910-0

**PBS Environmental Building Consultants, Inc.**  
 1220 SW Morrison Street, Suite 600  
 Portland, OR 97205-2225  
 Contact: Mr. Rollie Champe  
 Phone: 503-248-1939  
 Fax: 503-248-0223

**Bulk Asbestos Analysis (PLM)**  
 Accreditation Valid Through: March 31, 1997

---

NVLAP LAB CODE 101917-0

**DataChem Laboratories**  
 4388 Glendale-Milford Road  
 Cincinnati, OH 45242-3706  
 Contact: Ms. Anna Marie Ristich  
 Phone: 513-733-5336  
 Fax: 513-733-5347

**Bulk Asbestos Analysis (PLM)**  
 Accreditation Valid Through: September 30, 1997

**Airborne Asbestos Analysis (TEM)**  
 Accreditation Valid Through: September 30, 1997

---

NVLAP LAB CODE 101920-0

**Lab/Cor, Inc.**  
 7619 6th Avenue, NW  
 Seattle, WA 98117  
 Contact: Mr. John Harris  
 Phone: 206-781-0155  
 Fax: 206-789-8424

**Airborne Asbestos Analysis (TEM)**  
 Accreditation Valid Through: June 30, 1997



NVLAP LAB CODE 101926-0

**Environmental Management Consultants, Inc.**

4455 E. Camelback Rd., Suite D-155  
 Phoenix, AZ 85018-2847  
 Contact: Mr. Kurt A. Kettler  
 Phone: 602-840-8012  
 Fax: 602-990-8468

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: June 30, 1997

NVLAP LAB CODE 101937-0

**Environmental Testing Laboratories, Inc.**

208 Route 109  
 Farmingdale, NY 11735  
 Contact: Mr. Daniel J. Spandau  
 Phone: 516-249-1456  
 Fax: 516-249-8344

**Airborne Asbestos Analysis (TEM)**

Accreditation Valid Through: June 30, 1997

NVLAP LAB CODE 101940-0

**Terra-Mar, Inc.**

2400 Gravel Drive #25  
 Fort Worth, TX 76118-6935  
 Contact: Mr. Michael J. Lee  
 Phone: 817-284-9363  
 Fax: 817-284-9430

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: March 31, 1997

NVLAP LAB CODE 101941-0

**Kevco Services, Inc.**

890 Pittsburgh Road  
 Butler, PA 16001  
 Contact: Mr. George M. Beck  
 Phone: 412-586-6343  
 Fax: 412-586-2172

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: June 30, 1997

NVLAP LAB CODE 101948-0

**MACS Lab, Inc.**

2070A Walsh Avenue  
 Santa Clara, CA 95050-2531  
 Contact: Mr. James A. Richards  
 Phone: 408-727-9727  
 Fax: 408-727-7065

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: March 31, 1997

**Airborne Asbestos Analysis (TEM)**

Accreditation Valid Through: March 31, 1997

NVLAP LAB CODE 101949-0

**LEX Scientific Inc.**

2 Quebec Street, Suite 204  
 Guelph Ontario N1H 2T3  
 CANADA  
 Contact: Mr. Michael Hoffbauer  
 Phone: 519-824-7082  
 Fax: 519-824-5784

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: March 31, 1997

NVLAP LAB CODE 101950-0

**WKP Laboratories, Inc.**

46 South Highland Avenue  
 Ossining, NY 10562  
 Contact: Mr. Fabio J. Pedone  
 Phone: 914-941-1023  
 Fax: 914-941-7359

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: September 30, 1997

NVLAP LAB CODE 101953-0

**JLC Environmental Consultants, Inc.**

200 Park Avenue South, Suite 1001  
 New York, NY 10003  
 Contact: Mr. Bing Liang  
 Phone: 212-420-8119  
 Fax: 212-420-6092

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: September 30, 1997

NVLAP LAB CODE 101958-0

**Athenica Environmental Services, Inc.**

45-09 Greenpoint Avenue  
 Long Island City, NY 11104  
 Contact: Mr. Spiro Dongaris  
 Phone: 718-784-7490  
 Fax: 718-784-4085

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: September 30, 1997

NVLAP LAB CODE 101959-0

**QuanTEM Laboratories, LLC**

2033 Heritage Park Drive  
 Oklahoma City, OK 73120-7579  
 Contact: Dr. Ernest L. Koerner  
 Phone: 405-755-7272  
 Fax: 405-755-2058  
 E-Mail: QuanTEMLab@AOL.COM

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: September 30, 1997

**Airborne Asbestos Analysis (TEM)**

Accreditation Valid Through: September 30, 1997

NVLAP LAB CODE 101965-0

**Bell Laboratories, Division Lucent Technologies, Inc.**

P.O. Box 636, 600 Mountain Avenue  
 Murray Hill, NJ 07974-0636  
 Contact: Mr. Michael Glowatz  
 Phone: 908-582-4143  
 Fax: 908-582-7233  
 E-Mail: mg@lucent.com

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: December 31, 1997

NVLAP LAB CODE 101966-0

**Delta Environmental Consultants, Inc.**

3900 Northwoods Drive, Suite 200  
 St. Paul, MN 55112-6966  
 Contact: Ms. Corine B. Goodrich  
 Phone: 612-486-5774  
 Fax: 612-486-8021

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: December 31, 1997

NVLAP LAB CODE 101967-0

**NY Environmental & Material Testing Laboratories, Inc.**

88 Harbor Road  
 Port Washington, NY 11050  
 Contact: Mr. Li Tsang  
 Phone: 516-944-9500  
 Fax: 516-944-9507  
 E-Mail: LTSANG@NTP.NET

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: June 30, 1997

NVLAP LAB CODE 101970-0

**PSI**

500 West Central Avenue, Suite A  
 Brea, CA 92621  
 Contact: Ms. Celia Marini  
 Phone: 714-671-1072  
 Fax: 714-529-7229

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: June 30, 1997

NVLAP LAB CODE 101973-0

**Law Engineering and Environmental Services, Inc.**

7616 LBJ Freeway, Suite 600  
 Dallas, TX 75251  
 Contact: Mr. John R. Cates  
 Phone: 214-934-0800  
 Fax: 214-934-1429

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: June 30, 1997

NVLAP LAB CODE 101974-0

**Rapid Environmental Management, Inc.**

171 Great Neck Road  
 Great Neck, NY 11021  
 Contact: Mr. Joseph Sterinbach  
 Phone: 516-482-3003  
 Fax: 516-482-3076

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: June 30, 1997

---

NVLAP LAB CODE 101977-0

**ACM Environmental, Inc.**

229 South Michigan Street  
South Bend, IN 46601  
Contact: Mr. Michael A. Dials  
Phone: 219-234-8435  
Fax: 219-234-6800

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: June 30, 1997

---

NVLAP LAB CODE 101987-0

**Environmental Support Services, Inc.**

1701 N. Greenville, Suite 404  
Richardson, TX 75081  
Contact: Mr. Charles R. Baugh  
Phone: 214-238-5227  
Fax: 214-238-8803

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: June 30, 1997

---

NVLAP LAB CODE 101988-0

**Asbestech Laboratories, Inc.**

2301 NW 33rd Court, Suite 115  
Pompano Beach, FL 33069-1000  
Contact: Ms. Carole J. Anzalone  
Phone: 954-969-0780  
Fax: 954-979-2111

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: December 31, 1997

---

NVLAP LAB CODE 101990-0

**Iowa Environmental Services, Inc.**

4801 Grand Avenue  
Des Moines, IA 50312  
Contact: Mr. Richard E. Soyer  
Phone: 515-279-8042  
Fax: 515-279-1853

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: June 30, 1997

---

NVLAP LAB CODE 101991-0

**Environmental Science & Engineering, Inc.**

2 Inverness Drive East, Suite 201  
Englewood, CO 80112  
Contact: Ms. Melinda K. Ryan  
Phone: 303-790-0770  
Fax: 303-790-4411  
E-Mail: melinda\_ryan+aden-con%ese@mcimail.com

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: June 30, 1997

---

NVLAP LAB CODE 101996-0

**GA Environmental Services, Inc.**

401 Baldwin Tower  
1510 Chester Pike  
Eddystone, PA 19022  
Contact: Ms. Delores S. Beard  
Phone: 610-874-7405  
Fax: 610-874-7823

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: March 31, 1997

---

NVLAP LAB CODE 101997-0

**Hygieneering, Inc.**

7948 S. Madison  
Burr Ridge, IL 60521  
Contact: Mr. Nelson Gray  
Phone: 708-654-2550  
Fax: 708-789-3813

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: September 30, 1997

---

NVLAP LAB CODE 102000-0

**Louisiana Department of Environmental Quality  
Microanalytical Lab**

Microanalytical Lab  
11720 Airline Highway  
Baton Rouge, LA 70817-4401  
Contact: Ms. Pamela D. Ellis  
Phone: 504-295-8907  
Fax: 504-295-8932

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: March 31, 1997

---

---

NVLAP LAB CODE 102001-0

**Testing Mechanics Corp.**

3770 Merrick Road  
Seaford, NY 11783-2815  
Contact: Mr. Kevin Tumulty  
Phone: 516-221-3800  
Fax: 516-221-3810

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: March 31, 1997

---

---

NVLAP LAB CODE 102003-0

**GLE Associates, Inc.**

601 Bayshore Boulevard, Suite 600  
Tampa, FL 33606  
Contact: Mr. James Watson  
Phone: 813-258-8350  
Fax: 813-258-8737

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: March 31, 1997

---

---

NVLAP LAB CODE 102005-0

**University of Alabama Asbestos Laboratory**

Bryant Drive - Martha Phurm West  
P.O. Box 870388  
Tuscaloosa, AL 35487-0388  
Contact: Mr. John A. Sikes  
Phone: 205-348-4667  
Fax: 205-348-9286

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: December 31, 1997

---

---

NVLAP LAB CODE 102006-0

**Solar Environmental Services, Inc.**

1131 E. 76th Avenue, Suite 102  
Anchorage, AK 99518  
Contact: Ms. Gracita O. Torrijos  
Phone: 907-349-7705  
Fax: 907-349-7944

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: March 31, 1997

---

---

NVLAP LAB CODE 102008-0

**Micro Air of Texas, Inc.**

1052 Hercules Drive  
Houston, TX 77058  
Contact: Mr. Eric Eitzen  
Phone: 713-280-9965  
Fax: 713-280-9847

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: March 31, 1997

---

---

NVLAP LAB CODE 102010-0

**Fluor Daniel Fernald, Inc.**

P.O. Box 538704  
Cincinnati, OH 45253-8704  
Contact: Mr. Chris Sutton  
Phone: 513-648-5441  
Fax: 513-648-5451

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: March 31, 1997

---

---

NVLAP LAB CODE 102011-0

**Airtek Environmental Corp.**

39 West 38th Street, 7th Floor  
New York, NY 10018  
Contact: Mr. Saad Zouak  
Phone: 212-768-0516  
Fax: 212-768-0759

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: March 31, 1997

---

---

NVLAP LAB CODE 102012-0

**JMS Environmental Associates, Ltd.**

816 Burr Oak Drive  
Westmont, IL 60559  
Contact: Mr. John Aschbacher  
Phone: 630-655-8500  
Fax: 630-655-8724

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: March 31, 1997



NVLAP LAB CODE 102013-0

**Hi-Tech Environmental and Laboratory Services**

5396 Lincoln Ave., Suite A  
Cypress, CA 90630  
Contact: Ms. Gwenda Hatcher  
Phone: 714-827-0693  
Fax: 714-827-0695

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: December 31, 1997

NVLAP LAB CODE 102015-0

**ABM Environmental Consultants, Inc.**

32-08 38th Ave., Suite 201  
Long Island City, NY 11101  
Contact: Mr. Victor Khanin  
Phone: 516-487-1919  
Fax: 516-487-1840

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: June 30, 1997

NVLAP LAB CODE 102020-0

**Los Angeles Harbor Department Testing Laboratory**

P.O. Box 786, Berth 161  
Wilmington, CA 90744-6499  
Contact: Mr. George Horeczko  
Phone: 310-732-3976  
Fax: 310-835-5717

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: September 30, 1997

NVLAP LAB CODE 102021-0

**Safe Environment of America**

dba Med-Tox Northwest  
19032 66th Avenue S., #C-105  
Kent, WA 98032  
Contact: Ms. Carol Evans  
Phone: 206-656-2920  
Fax: 206-656-2924

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: June 30, 1997

NVLAP LAB CODE 102025-0

**OCCU-TEC, Inc.**

6700 Corporate Drive, Suite 130  
Kansas City, MO 64120  
Contact: Mr. Geoffrey Smith  
Phone: 816-231-5580  
Fax: 816-231-5641

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: June 30, 1997

NVLAP LAB CODE 102027-0

**Williams & Associates, Inc.**

460 Tennessee Street  
Memphis, TN 38103-4400  
Contact: Ms. Lou G. Boykins  
Phone: 901-528-1939  
Fax: 901-526-7039

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: March 31, 1997

NVLAP LAB CODE 102029-0

**Environmental Service Group**

DBA Astbury/Gabriel Corp.  
5933 W. 71st Street  
Indianapolis, IN 46278  
Contact: Ms. Mary Dunlap  
Phone: 317-290-1471  
Fax: 317-290-1670

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: December 31, 1997

NVLAP LAB CODE 102031-0

**ATC Environmental, Inc.**

5031 South Ulster, Suite 100  
Denver, CO 80237-2806  
Contact: Mr. Daniel Benecke  
Phone: 303-793-9939  
Fax: 303-793-0609

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: June 30, 1997

---

NVLAP LAB CODE 102033-0

**Analytical Environmental Services, Inc.**

3781 Presidential Parkway, Suite 111  
Atlanta, GA 30340  
Contact: Mr. Mehmet Yildirim  
Phone: 770-457-8177  
Fax: 770-457-8188

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: September 30, 1997

---

NVLAP LAB CODE 102035-0

**Law/Crandall**

4634 S. 36th Place  
Phoenix, AZ 85040  
Contact: Mr. Michael A. Cook  
Phone: 602-437-0250  
Fax: 602-437-3675

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: March 31, 1997

---

NVLAP LAB CODE 102041-0

**R. Robinson Analytical Services, Inc.**

1960 Peyton Drive  
Pensacola, FL 32503  
Contact: Mr. William F. Robin Robinson  
Phone: 904-438-5552  
Fax: 904-432-7394

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: March 31, 1997

---

NVLAP LAB CODE 102043-0

**Water, Earth Solutions & Technologies, Inc.**

17130 Dallas Parkway, Suite 170  
Dallas, TX 75248-1139  
Contact: Mr. Karl Schul  
Phone: 214-248-9047  
Fax: 214-248-0323

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: June 30, 1997

---

NVLAP LAB CODE 102044-0

**Loflin Environmental Services**

2020 Montrose, Suite 100  
Houston, TX 77006  
Contact: Mr. James Murray  
Phone: 713-521-3300  
Fax: 713-523-0829

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: March 31, 1997

---

NVLAP LAB CODE 102046-0

**Criterion Laboratories, Inc.**

3370 Progress Drive, Suite J  
Bensalem, PA 19020  
Contact: Ms. Parvaneh S. Sulon  
Phone: 215-244-1300  
Fax: 215-244-4349

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: June 30, 1997

---

NVLAP LAB CODE 102047-0

**KAM Consultants**

5-17 48th Avenue  
Long Island City, NY 11101  
Contact: Mr. George Kouvaras  
Phone: 718-729-1997  
Fax: 718-729-1876

**Airborne Asbestos Analysis (TEM)**

Accreditation Valid Through: June 30, 1997

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: June 30, 1997

---

NVLAP LAB CODE 102050-0

**Occupational Health Conservation, Inc.**

1840 Southside Blvd., Suite 3C  
Jacksonville, FL 32216-0317  
Contact: Mr. Herman M. Appelman  
Phone: 904-725-8279  
Fax: 904-721-2809

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: March 31, 1997

NVLAP LAB CODE 102053-0

**Dove Environmental Corporation**

6175 N.W. 153rd Street, Suite 300  
Miami Lakes, FL 33014  
Contact: Mr. Rajendranath Ramnath  
Phone: 305-556-1220  
Fax: 305-556-1650

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: March 31, 1997

NVLAP LAB CODE 102061-0

**Omni Environmental, Inc.**

13740 Research Blvd., Suite H-5  
Austin, TX 78750  
Contact: Mr. Joseph Mink  
Phone: 512-258-9114  
Fax: 512-258-9115  
E-Mail: jmink@comland.com

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: June 30, 1997

NVLAP LAB CODE 102056-0

**Steve Moody Micro Services, Inc.**

1510 Randolph, Suite #602  
Carrollton, TX 75006  
Contact: Mr. Steve Moody  
Phone: 214-446-9482  
Fax: 214-446-9870

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: June 30, 1997

NVLAP LAB CODE 102062-0

**National Econ Corporation**

18552 MacArthur Boulevard, Suite 101  
Irvine, CA 92612  
Contact: Mr. Mark S. Ervin  
Phone: 714-752-5866  
Fax: 714-752-4054  
E-Mail: <http://nationaleconcorp.com>

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: December 31, 1997

NVLAP LAB CODE 102057-0

**Niche Analysis, Inc.**

6 Gramatan Avenue, Suite 404  
Mount Vernon, NY 10550  
Contact: Dr. Thomas Palackal  
Phone: 914-663-8937  
Fax: 914-663-8782

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: March 31, 1997

NVLAP LAB CODE 102063-0

**NVL Laboratories, Inc.**

1211 N. 41st Street  
Seattle, WA 98103  
Contact: Mr. Nghiep Vi Ly  
Phone: 206-634-1879  
Fax: 206-634-1936  
E-Mail: [munaf@aol.com](mailto:munaf@aol.com)

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: September 30, 1997

NVLAP LAB CODE 102060-0

**Froehling & Robertson, Inc.**

3015 Dumbarton Road  
P.O. Box 27524  
Richmond, VA 23261-7524  
Contact: Mr. Jeffrey M. Hudson  
Phone: 804-264-2701  
Fax: 804-264-1202

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: June 30, 1997

NVLAP LAB CODE 102064-0

**GPU Nuclear Chemistry/Materials Labs.**

Route 183 & Van Reed Road  
P.O. Box 15152  
Reading, PA 19612-5152  
Contact: Mr. Barry Llewellyn  
Phone: 610-375-5494  
Fax: 610-375-5298

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: September 30, 1997

NVLAP LAB CODE 102065-0

**WMI Environmental Services**

1919 Factory Street  
 P.O. Box 50209  
 Kalamazoo, MI 49005-0209  
 Contact: Mr. Phillip A. Peterson  
 Phone: 616-382-4154  
 Fax: 616-382-4161

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: September 30, 1997

NVLAP LAB CODE 102068-0

**Hygeia Environmental Inc.**

35 Enterprise Drive  
 Dedham, MA 02026  
 Contact: Mr. Richard K. Bowen  
 Phone: 617-326-9995  
 Fax: 617-326-2013

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: September 30, 1997

NVLAP LAB CODE 102071-0

**ATC Associates Inc.**

11121 Canal Road  
 Cincinnati, OH 45241  
 Contact: Mr. Mark Sturgeon  
 Phone: 513-771-2112  
 Fax: 513-782-6920

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: December 31, 1997

NVLAP LAB CODE 102073-0

**Triad, Inc.**

309 3rd Avenue  
 Huntington, WV 25701  
 Contact: Mr. Brian E. Galligan  
 Phone: 304-523-2195  
 Fax: 304-523-2197

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: June 30, 1997

NVLAP LAB CODE 102075-0

**S&ME, Inc.**

9751 Southern Pine Boulevard  
 P.O. Box 7668  
 Charlotte, NC 28241-7668  
 Contact: Mr. Charles J. Brockman  
 Phone: 704-523-4726  
 Fax: 704-525-3953

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: December 31, 1997

NVLAP LAB CODE 102077-0

**Henderson/Longfellow Associates, Inc.**

611 East Bloomingdale Ave., Suite B  
 Brandon, FL 33511  
 Contact: Mr. John J. Henderson  
 Phone: 813-661-7231  
 Fax: 813-661-7083

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: December 31, 1997

NVLAP LAB CODE 102078-0

**FRS Geotech, Inc.**

1441 West 46th Avenue, Suite 14  
 Denver, CO 80211-2338  
 Contact: Mr. Ed Raines  
 Phone: 303-477-2559  
 Fax: 303-477-2580  
 E-Mail: frsgeo@ix.netcom.com

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: December 31, 1997

NVLAP LAB CODE 102079-0

**Recon Environmental Corp.**

25 Mathewson Drive  
 Weymouth, MA 02189-2346  
 Contact: Mr. Russell D. Cox  
 Phone: 617-337-7887  
 Fax: 617-337-8237

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: March 31, 1997



NVLAP LAB CODE 102080-0

**National Analytical Laboratories, Inc.**

503 Giuseppe Court #8  
 Roseville, CA 95678  
 Contact: Mr. David Melton  
 Phone: 916-786-7555  
 Fax: 916-786-7459

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: March 31, 1997

NVLAP LAB CODE 102081-0

**Legend Technical Services, Inc.**

775 Vandalia Street  
 St. Paul, MN 55114  
 Contact: Ms. Cheryl Sykora  
 Phone: 612-642-1150  
 Fax: 612-642-1239

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: March 31, 1997

NVLAP LAB CODE 102082-0

**Geo-Analytical Services, Inc.**

3125 Marjan Drive  
 Atlanta, GA 30340  
 Contact: Dr. A. Mohamad Ghazi  
 Phone: 770-454-6333  
 Fax: 770-451-3151

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: September 30, 1997

**Airborne Asbestos Analysis (TEM)**

Accreditation Valid Through: September 30, 1997

NVLAP LAB CODE 102083-0

**Twin Ports Testing, Inc.**

1301 N. 3rd Street  
 Superior, WI 54880-1131  
 Contact: Ms. Linda K. Thiry  
 Phone: 715-392-7114  
 Fax: 715-392-7163  
 E-Mail: TPT@GNN.COM

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: June 30, 1997

NVLAP LAB CODE 102085-0

**Muranaka Environmental Consultants, Inc.**

801 Moowaa Street  
 P.O. Box 4341  
 Honolulu, HI 96812  
 Contact: Mr. Mark T. Muranaka  
 Phone: 808-848-8866  
 Fax: 808-847-5267  
 E-Mail: MMURANAKA@AOL.COM

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: December 31, 1997

NVLAP LAB CODE 102086-0

**Dolphin Environmental Consultants**

10701 Corporate Drive, Suite 195  
 Stafford, TX 77477  
 Contact: Mr. Joseph Bury  
 Phone: 713-240-4646  
 Fax: 713-240-5659

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: June 30, 1997

NVLAP LAB CODE 102087-0

**ATEC Associates, Inc.**

1300 Williams Drive, Suite A  
 Marietta, GA 30066-6299  
 Contact: Mr. Clayton Call  
 Phone: 770-427-9456  
 Fax: 770-514-6966

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: March 31, 1997

NVLAP LAB CODE 102089-0

**Alpine Consulting, Inc.**

1602 South Murray Blvd.  
 Colorado Springs, CO 80916  
 Contact: Mr. Kevin R. Weaver  
 Phone: 719-591-2535  
 Fax: 719-591-2536

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: June 30, 1997

---

NVLAP LAB CODE 102090-0

**Bay Area Air Quality Management District**

939 Ellis Street  
 San Francisco, CA 94109  
 Contact: Mr. Rudy Zerrudo  
 Phone: 415-749-4629  
 Fax: 415-749-5101

**Bulk Asbestos Analysis (PLM)**  
 Accreditation Valid Through: March 31, 1997

---

NVLAP LAB CODE 102096-0

**Testwell Craig Laboratories & Consultants, Inc.**

3731 S.W. 47th Avenue, Suite 401  
 Davie, FL 33314  
 Contact: Mr. Anthony Porcello  
 Phone: 954-584-4475  
 Fax: 954-584-3887

**Bulk Asbestos Analysis (PLM)**  
 Accreditation Valid Through: December 31, 1997

---

NVLAP LAB CODE 102091-0

**Converse Consultants MR, Inc.**

4840 Mill Street #5  
 Reno, NV 89502  
 Contact: Mr. Dan R. Dolk  
 Phone: 702-856-3833  
 Fax: 702-856-3513

**Bulk Asbestos Analysis (PLM)**  
 Accreditation Valid Through: June 30, 1997

---

NVLAP LAB CODE 102098-0

**GHP Laboratories**

217 Fifth Avenue North  
 Nashville, TN 37219-0000  
 Contact: Mr. Gregory D. Boothe  
 Phone: 615-254-8500  
 Fax: 615-256-3439

**Bulk Asbestos Analysis (PLM)**  
 Accreditation Valid Through: September 30, 1997

---

NVLAP LAB CODE 102093-0

**EssTek Ohio, Inc.**

6950 Engle Road #B  
 Cleveland, OH 44130-3420  
 Contact: Mr. Patrick J. Kilbane  
 Phone: 216-826-4220  
 Fax: 216-826-3841

**Bulk Asbestos Analysis (PLM)**  
 Accreditation Valid Through: March 31, 1997

---

NVLAP LAB CODE 102100-0

**Detail Associates, Inc.**

300 Grand Avenue  
 Englewood, NJ 07631  
 Contact: Dr. Ping J. Chen  
 Phone: 201-569-6708  
 Fax: 201-569-4378

**Bulk Asbestos Analysis (PLM)**  
 Accreditation Valid Through: September 30, 1997

---

NVLAP LAB CODE 102095-0

**Milan Asbestos Laboratory**

250 Main Street  
 P.O. Box 200  
 Milan, MN 56262  
 Contact: Ms. Julie B. Trelstad  
 Phone: 612-734-4406  
 Fax: 612-734-4407

**Bulk Asbestos Analysis (PLM)**  
 Accreditation Valid Through: September 30, 1997

---

NVLAP LAB CODE 102101-0

**Taylor Environmental Group, Inc.**

110 Jericho Turnpike  
 Floral Park, NY 11001  
 Contact: Mr. George Taylor  
 Phone: 516-358-2955  
 Fax: 516-358-1780

**Bulk Asbestos Analysis (PLM)**  
 Accreditation Valid Through: December 31, 1997

---

NVLAP LAB CODE 102102-0

**American Electric Power Service Corporation**

Environmental Laboratory  
 1 Riverside Plaza  
 Columbus, OH 43215-2373  
 Contact: Mr. Geoffrey E. Campbell  
 Phone: 614-836-4210  
 Fax: 614-836-4168

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: March 31, 1997

---

NVLAP LAB CODE 102104-0

**EMSL Analytical, Inc.**

620-G Guilford College Road  
 Greensboro, NC 27409  
 Contact: Mr. Ronald K. Mahoney  
 Phone: 910-297-1487  
 Fax: 910-297-1676

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: June 30, 1997

**Airborne Asbestos Analysis (TEM)**

Accreditation Valid Through: June 30, 1997

---

NVLAP LAB CODE 102105-0

**Vortex Inc./DBA V-Lab**

20 Altieri Way #4  
 Warwick, RI 02886  
 Contact: Mr. Donald Pellegrino  
 Phone: 401-738-7710  
 Fax: 401-738-7869

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: March 31, 1997

---

NVLAP LAB CODE 102106-0

**EMSL Analytical, Inc.**

2501 Central Parkway, Suite C-13  
 Houston, TX 77092  
 Contact: Mr. Lee W. Poye  
 Phone: 713-686-3635  
 Fax: 713-686-3645

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: June 30, 1997

**Airborne Asbestos Analysis (TEM)**

Accreditation Valid Through: June 30, 1997

---

NVLAP LAB CODE 102107-0

**Scope Laboratory**

1416 Westwood Blvd., Suite #201  
 Los Angeles, CA 90024  
 Contact: Miss Niloo Mahdi  
 Phone: 310-475-3337  
 Fax: 310-475-7127

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: June 30, 1997

---

NVLAP LAB CODE 102108-0

**m.a.c. Paran Consulting Services, Inc.**

Analytical Laboratory  
 325 West Ohio Pike, Suite 202  
 Amelia, OH 45102  
 Contact: Mr. Daniel T. Woody  
 Phone: 513-752-9111  
 Fax: 513-752-7973

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: September 30, 1997

---

NVLAP LAB CODE 102110-0

**Bellatrix Analytical Laboratories, LLC**

8300 N. Hayden Rd. Suite a-103  
 Scottsdale, AZ 85258  
 Contact: Mr. Mark J. Guatney  
 Phone: 602-483-1500  
 Fax: 602-483-1516

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: June 30, 1997

---

NVLAP LAB CODE 102111-0

**Cape Environmental Management, Inc.**

2302 Parklake Drive, Suite 200  
 Atlanta, GA 30345-2907  
 Contact: Mr. Aleksey Reznik  
 Phone: 770-908-7200  
 Fax: 770-908-7219

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: June 30, 1997

NVLAP LAB CODE 102112-0

**Oklahoma Dept. of Environmental Quality-State  
Environmental Lab**

1000 NE 10th Street  
Oklahoma City, OK 73117-1212  
Contact: Mr. Chris Armstrong  
Phone: 405-271-5240  
Fax: 405-271-1836  
E-Mail: CHRIS.Armstrong@OKlaosf.state.ok.us

**Bulk Asbestos Analysis (PLM)**  
Accreditation Valid Through: September 30, 1997

NVLAP LAB CODE 102113-0

**MRS., Analytical Laboratory, Inc.**

233 W. Broadway, Suite #504  
Louisville, KY 40202  
Contact: Mr. Winterford Mensah  
Phone: 502-568-2088  
Fax: 502-491-7111

**Bulk Asbestos Analysis (PLM)**  
Accreditation Valid Through: June 30, 1997

NVLAP LAB CODE 102114-0

**EAI, Inc.**

454 Central Avenue  
Jersey City, NJ 07307  
Contact: Mr. Robert Carvalho  
Phone: 201-714-9858  
Fax: 201-714-9895

**Bulk Asbestos Analysis (PLM)**  
Accreditation Valid Through: June 30, 1997

NVLAP LAB CODE 102115-0

**Industrial Laboratory**

Norfolk Naval Shipyard  
Building 184, 3rd Fl.  
Portsmouth, VA 23709-5000  
Contact: Mr. Robert West  
Phone: 804-396-3207  
Fax: 804-396-3972

**Bulk Asbestos Analysis (PLM)**  
Accreditation Valid Through: March 31, 1997

NVLAP LAB CODE 102116-0

**Hygeia Environmental Laboratories, Inc.**

82 W. Sierra Madre Blvd.  
Sierra Madre, CA 91024-2434  
Contact: Mr. Gustavo Delgado  
Phone: 818-355-4711  
Fax: 818-355-4497  
E-Mail: gdelgado77@atc-enviro.com

**Bulk Asbestos Analysis (PLM)**  
Accreditation Valid Through: June 30, 1997

**Airborne Asbestos Analysis (TEM)**  
Accreditation Valid Through: June 30, 1997

NVLAP LAB CODE 102117-0

**San Joaquin Environmental, Inc.**

7257 North Maple Avenue, Suite #108  
Fresno, CA 93720-0167  
Contact: Mr. John E. Sherwin  
Phone: 209-298-8500  
Fax: 209-298-9500

**Bulk Asbestos Analysis (PLM)**  
Accreditation Valid Through: December 31, 1997

NVLAP LAB CODE 102118-0

**Apex Research Laboratory**

10505 Plaza Drive, Suite B  
Whitmore Lake, MI 48189  
Contact: Mr. Robert Letarte  
Phone: 313-449-9990  
Fax: 313-449-9991

**Bulk Asbestos Analysis (PLM)**  
Accreditation Valid Through: June 30, 1997

NVLAP LAB CODE 200002-0

**Cryptographic Equipment Assessment Lab.  
(CEAL)**

a CygnaCom Solutions Lab.  
1477 Chain Bridge Rd., Suite 201  
McLean, VA 22101  
Contact: Mr. Santosh Chokhani  
Phone: 703-848-0883  
Fax: 703-848-0960  
E-Mail: chokhani@cygnacom.com



**Cryptographic Modules Testing**

Accreditation Valid Through: June 30, 1997

*NVLAP*

<i>Code</i>	<i>Designation</i>
17/C01	NIST-CSTT:140-1; National Institute of Standards and Technology-Cryptographic Support Test Tool (CSTT) for the Federal Information Processing Standard 140-1 (FIPS 140-1) "Security Requirements for Cryptographic Modules."
17/C01a	Test Method Group 1: All test methods derived from FIPS 140-1 and specified in the CSTT, except those listed in Group 2 and Group 3.
17/C01b	Test Method Group 2: Test methods for Physical Security, Level 4 derived from FIPS 140-1 and specified in the CSTT
17/C01c	Test Method Group 3: Test methods for Software Security, Level 4 derived from FIPS 140-1 and specified in the CSTT

**NVLAP LAB CODE 200004-0**

**Integrity Design & Test Services, Inc.**

37 Ayer Road, Unit #7  
 Littleton, MA 01460  
 Contact: Mr. Michael C. Boucher  
 Phone: 508-486-0432  
 Fax: 508-486-0592  
 E-Mail: cemark@zipnet.net

**FCC Test Methods**

Accreditation Valid Through: September 30, 1997

*NVLAP*

<i>Code</i>	<i>Designation</i>
<b>Federal Communications Commission (FCC) Methods</b>	
12/F01	FCC Method - 47 CFR Part 15 - Digital Devices
12/F01a	Conducted Emissions, Power Lines, 450 KHz to 30 MHz
12/F01b	Radiated Emissions
<b>International Special Committee on Radio Interference (CISPR) Methods</b>	
12/CIS22	IEC/CISPR 22:1993: Limits and methods of measurement of radio disturbance characteristics of information technology equipment

**NVLAP LAB CODE 200005-0**

**Motorola Product Quality Assurance Laboratory**

20 Cabot Boulevard  
 Mansfield, MA 02048  
 Contact: Mr. Scott C. Shea  
 Phone: 508-261-5733  
 Fax: 508-337-7172

**FCC Test Methods**

Accreditation Valid Through: September 30, 1997

*NVLAP*

<i>Code</i>	<i>Designation</i>
<b>Australian Standards referred to by clauses in AUSTEL Technical Standards</b>	
12/T51	AS-3548
<b>Federal Communications Commission (FCC) Methods</b>	
12/F01	FCC Method - 47 CFR Part 15 - Digital Devices
12/F01a	Conducted Emissions, Power Lines, 450 KHz to 30 MHz
12/F01b	Radiated Emissions
<b>International Special Committee on Radio Interference (CISPR) Methods</b>	
12/CIS22	IEC/CISPR 22:1993: Limits and methods of measurement of radio disturbance characteristics of information technology equipment

**NVLAP LAB CODE 200006-0**

**NJSP Calibration Laboratory**

166 River Road  
 Princeton, NJ 08540  
 Contact: SGT. John Connolly  
 Phone: 609-538-6059  
 Fax: 609-538-0345

**Ionizing Radiation Dosimetry**

Accreditation Valid Through: March 31, 1997

This facility has been evaluated and deemed competent to process the radiation dosimeter listed below through employing the Teledyne automatic reader model 9150.

This facility is accredited to process the following dosimeter by virtue of actual demonstration of compliance with ANSI HPS N13.11-1993 through testing.

Teledyne TLD model PB5 for ANSI-N13.11 categories II, IV.

**NVLAP LAB CODE 200007-0**

**Lithonia Testing Laboratories**

1335 Industrial Blvd.  
 P.O. Box A  
 Conyers, GA 30207  
 Contact: Mr. James Hospodarsky  
 Phone: 770-922-9000 x2424  
 Fax: 770-929-8789

**Energy Efficient Lighting Products**

Accreditation Valid Through: September 30, 1997

*NVLAP*

<i>Code</i>	<i>Designation</i>
<b>Luminaires (Lighting Fixtures)</b>	
22/F04	IES LM-41

NVLAP LAB CODE 200010-0

**Tri-State Materials Testing Lab, Inc.**

101A Liberty Street  
 Newington, CT 06111  
 Contact: Mr. John P. Chmielorz  
 Phone: 203-666-9954  
 Fax: 203-666-0195

**Construction Materials Testing**

Accreditation Valid Through: September 30, 1997

*NVLAP*

*Code Designation*

**Aggregates**

- 02/A03 ASTM C29
- 02/A04 ASTM C40
- 02/A07 ASTM C117
- 02/A09 ASTM C127
- 02/A10 ASTM C128
- 02/A12 ASTM C136
- 02/A15 ASTM D75
- 02/A44 ASTM C566

**Cement**

- 02/A17 ASTM C109
- 02/A22 ASTM C183

**Concrete**

- 02/A01 ASTM C39
- 02/A02 ASTM C617
- 02/A41 ASTM C192
- 02/A43 ASTM C1064
- 02/G01 ASTM C31/C172/C143/C138/C231
- 02/G02 ASTM C173

**Road and Paving Materials**

- 02/M08 ASTM D979
- 02/M24 ASTM D2041
- 02/M25 ASTM D2726

**Soil and Rock**

- 02/L02 ASTM D422
- 02/L04 ASTM D698
- 02/L06 ASTM D1140
- 02/L08 ASTM D1557
- 02/L13 ASTM D2216
- 02/L20 ASTM D4318

**Standard Practices**

- 02/A39 ASTM C1077

NVLAP LAB CODE 200012-0

**IPS Corporation**

4593, Hosohora Ono, Tatsuno-machi,  
 Kamiina-gun, Nagano-ken, P.O. Box 399-06  
 Nagano 399-06  
 JAPAN  
 Contact: Mr. Takashi Maruyama  
 Phone: +81-266-44-5200  
 Fax: +81-266-44-5300  
 E-Mail: ipstaka@avisnet.or.jp

**FCC Test Methods**

Accreditation Valid Through: December 31, 1997

*NVLAP*

*Code Designation*

**Federal Communications Commission (FCC) Methods**

- 12/F01 FCC Method - 47 CFR Part 15 - Digital Devices
- 12/F01a Conducted Emissions, Power Lines, 450 KHz to 30 MHz
- 12/F01b Radiated Emissions

**International Special Committee on Radio Interference (CISPR) Methods**

- 12/CIS22 IEC/CISPR 22:1993: Limits and methods of measurement of radio disturbance characteristics of information technology equipment

NVLAP LAB CODE 200013-0

**ENCORP**

6029 Bristol Parkway, Suite E  
 Culver City, CA 90230-6601  
 Contact: Mr. Keven Quebodeaux  
 Phone: 310-337-9499  
 Fax: 310-337-2953

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: December 31, 1997

NVLAP LAB CODE 200014-0

**City of Austin-Holly Chemistry Lab.**

2401 Holly Street  
 P.O. Box 1088  
 Austin, TX 78767-8814  
 Contact: Mr. Claude Green  
 Phone: 512-505-7841  
 Fax: 512-505-7843  
 E-Mail: greenc@electric.ci.austin.tx.us

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: December 31, 1997

NVLAP LAB CODE 200016-0

**Thomas Lighting C & I Division, Photometric Laboratory**

1015 S. Green Street  
 P.O. Box 1687  
 Tupelo, MS 38802-1687  
 Contact: Ms. Dana K. Wallace  
 Phone: 601-842-7212  
 Fax: 601-841-5596

**INDEX D. LISTING OF TESTING LABORATORIES BY NVLAP LAB CODE - continued**

**Energy Efficient Lighting Products**

Accreditation Valid Through: December 31, 1997

*NVLAP*

*Code Designation*

**Luminaires (Lighting Fixtures)**

22/F01	IES LM-10
22/F02	IES LM-31
22/F03	IES LM-35
22/F04	IES LM-41
22/F05	IES LM-46

**NVLAP LAB CODE 200017-0**

**DOMUS Software Limited ITSEC Laboratory**

309 Cooper Street, 5th Floor

Ottawa Ontario K2P 0G5

CANADA

Contact: Mr. Gary Maxwell

Phone: 613-230-6285

Fax: 613-230-3274

E-Mail: gmaxwell@domus.com

**Cryptographic Modules Testing**

Accreditation Valid Through: September 30, 1997

*NVLAP*

*Code Designation*

17/C01	NIST-CSTT:140-1; National Institute of Standards and Technology-Cryptographic Support Test Tool (CSTT) for the Federal Information Processing Standard 140-1 (FIPS 140-1) "Security Requirements for Cryptographic Modules."
17/C01a	Test Method Group 1: All test methods derived from FIPS 140-1 and specified in the CSTT, except those listed in Group 2 and Group 3.
17/C01b	Test Method Group 2: Test methods for Physical Security, Level 4 derived from FIPS 140-1 and specified in the CSTT
17/C01c	Test Method Group 3: Test methods for Software Security, Level 4 derived from FIPS 140-1 and specified in the CSTT

**NVLAP LAB CODE 200018-0**

**Test-Con Incorporated**

80 Sand Pit Road

P.O. Box 3116

Danbury, CT 06813-3116

Contact: Mr. Chin Okwuka

Phone: 203-748-3012

Fax: 203-778-0633

**Construction Materials Testing**

Accreditation Valid Through: September 30, 1997

*NVLAP*

*Code Designation*

**Aggregates**

02/A12	ASTM C136
--------	-----------

**Concrete**

02/A01	ASTM C39
02/A41	ASTM C192
02/A45	ASTM C42

02/G01	ASTM C31/C172/C143/C138/C231
--------	------------------------------

**Soil and Rock**

02/L06	ASTM D1140
02/L08	ASTM D1557
02/L23	ASTM D2922
02/L31	ASTM D2167

**NVLAP LAB CODE 200019-0**

**EMSL Analytical, Inc.**

1001 SW Klickitat Way, Suite 107

Seattle, WA 98134

Contact: Mr. David Chen

Phone: 206-233-9007

Fax: 206-233-9011

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: March 31, 1997

**Airborne Asbestos Analysis (TEM)**

Accreditation Valid Through: March 31, 1997

**NVLAP LAB CODE 200020-0**

**Hubbell Lighting Photometric Laboratory**

2000 Electric Way

Christiansburg, VA 24073-2502

Contact: Mr. Robert C. Speck

Phone: 540-382-6111 x239

Fax: 540-382-1544

**Energy Efficient Lighting Products**

Accreditation Valid Through: December 31, 1997

*NVLAP*

*Code Designation*

**Luminaires (Lighting Fixtures)**

22/F01	IES LM-10
22/F02	IES LM-31
22/F03	IES LM-35
22/F04	IES LM-41
22/F05	IES LM-46

**NVLAP LAB CODE 200021-0**

**Wayne Langston, Inc.**

2750 FM 1266, Suite 10

League City, TX 77573

Contact: Mr. Wayne Langston

Phone: 713-337-6785

Fax: 713-337-7217

E-Mail: 102575.1532@compuserve.com

**FCC Test Methods**

Accreditation Valid Through: September 30, 1997

*NVLAP*

*Code Designation*

**Federal Communications Commission (FCC) Methods**

12/F01	FCC Method - 47 CFR Part 15 - Digital Devices
12/F01a	Conducted Emissions, Power Lines, 450 KHz to 30 MHz
12/F01b	Radiated Emissions

*International Special Committee on Radio Interference (CISPR) Methods*

12/CIS22 IEC/CISPR 22:1993: Limits and methods of measurement of radio disturbance characteristics of information technology equipment

NVLAP LAB CODE 200022-0

**Tennessee Valley Authority, Western Area Radiological Laboratory**

Western Area Radiological Laboratory  
TVA Reservation, WAR 1A-M, P.O. Box 1010  
Muscle Shoals, AL 35662-1010  
Contact: Dr. William L. Raines  
Phone: 205-386-3578  
Fax: 205-386-2782

**Ionizing Radiation Dosimetry**

Accreditation Valid Through: March 31, 1997

This facility has been evaluated and deemed competent to process the radiation dosimeter identified below through employing a Merlin-Gerin LDM-91 reader.

This facility is accredited to process the DMC-90 and DMC-100 electronic dosimeters for ANSI-N13.11 category IV.

The accreditation included demonstration of compliance with ANSI-N13.11-1993 through testing categories IV and IX.

NVLAP LAB CODE 200024-0

**Enviro Techniques, Inc.**

22 California Avenue  
Paterson, NJ 07503  
Contact: Mr. Frank Marino  
Phone: 201-684-0202  
Fax: 201-684-3007

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: September 30, 1997

NVLAP LAB CODE 200025-0

**CHEMTEX Environmental Laboratory, Inc.**

3082 25th Street  
P.O. Box 3922  
Port Arthur, TX 77642  
Contact: Dr. C. N. Reddy  
Phone: 409-983-4575  
Fax: 409-983-2126

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: March 31, 1997

NVLAP LAB CODE 200026-0

**Eberline Analytical Corporation**

c/o Thermo Hanford, Attn: J. Moroney  
450 Hill Street  
Richland, WA 99352  
Contact: Mr. Ernest A. Sanchez  
Phone: 505-345-9931  
Fax: 505-761-5410

**Ionizing Radiation Dosimetry**

Accreditation Valid Through: June 30, 1997

This facility has been evaluated and deemed competent to process the dosimeters identified below by employing a Harshaw automatic TLD reader model 8800.

This facility is accredited to process the following dosimeters by virtue of actual demonstration of compliance by testing to ANSI-HPS N13.11-1993.

Harshaw TLD model 8814 for ANSI-N13.11 categories I, II, IIIA, IIIB, IV, VA, VI, VII.

Harshaw TLD model 8806 for ANSI-N13.11 category VIII.

NVLAP LAB CODE 200027-0

**Vartest Laboratories, Inc.**

19 West 36th Street, 10th Floor  
New York, NY 10018-7909  
Contact: Mr. Adam R. Varley  
Phone: 212-947-8391  
Fax: 212-947-8719

**Carpet and Carpet Cushion**

Accreditation Valid Through: December 31, 1997

*NVLAP*

*Code Designation*

**Tests Applicable to Carpet and Carpet Cushion**

03/T01 AATCC 16 (Option E)  
03/T02 ASTM D2646 (Secs. 16-24)  
03/T04 16 CFR Part 1630 (FF-1-70)

**Tests Applicable to Carpets**

03/G01 AATCC 20  
03/G02 AATCC 20A  
03/G04 AATCC 165



NVLAP LAB CODE 200028-0

**Big Rivers Electric Corp.**

201 3rd. Street  
 P.O. Box 24  
 Henderson, KY 42420-0024  
 Contact: Mr. Joseph D. Roberts  
 Phone: 502-827-2561  
 Fax: 502-827-2561

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: March 31, 1997

NVLAP LAB CODE 200030-0

**Dodge-Regupol, Inc. Laboratory**

715 Fountain Avenue  
 P.O. Box 989  
 Lancaster, PA 17608-0989  
 Contact: Mr. Clyde T. Diffendall  
 Phone: 717-295-3400 x52  
 Fax: 717-295-3414

**Commercial Products Testing**

Accreditation Valid Through: March 31, 1997

NVLAP

Code	Designation
------	-------------

**Plastics**

15/A23	ASTM D412 (Para. 17.2.2, 17.6)
15/A24	ASTM D573
15/A25	ASTM D624
15/A26	ASTM D2240
15/A30	ASTM D297 (Sec. 16; Para. 16.3)

NVLAP LAB CODE 200031-0

**Inchcape Testing Services NA, Inc.**

8431 Murphy Drive  
 Middleton, WI 53562  
 Contact: Mr. Paul Moliski  
 Phone: 607-758-6336  
 Fax: 607-756-6699

**Thermal Insulation Materials**

Accreditation Valid Through: December 31, 1997

NVLAP

Code	Designation
------	-------------

**Thermal Resistance**

01/T04	ASTM C236
--------	-----------

NVLAP LAB CODE 200033-0

**3M Product Safety EMC Laboratory**

410 E. Fillmore Avenue  
 Bldg 76-1-01  
 St. Paul, MN 55144-1000  
 Contact: Mr. Greg Demaray  
 Phone: 612-736-4427  
 Fax: 612-737-1035

**FCC Test Methods**

Accreditation Valid Through: June 30, 1997

NVLAP

Code	Designation
------	-------------

**Federal Communications Commission (FCC) Methods**

12/F01	FCC Method - 47 CFR Part 15 - Digital Devices
12/F01a	Conducted Emissions, Power Lines, 450 KHz to 30 MHz
12/F01b	Radiated Emissions

NVLAP LAB CODE 200034-0

**EMSL Analytical, Inc.**

Westwood Business Park 1801 Royal Lane  
 Suite 908  
 Dallas, TX 75229  
 Contact: Mr. Leslie Crisp  
 Phone: 214-831-9725  
 Fax: 214-444-0884

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: March 31, 1997

**Airborne Asbestos Analysis (TEM)**

Accreditation Valid Through: March 31, 1997

NVLAP LAB CODE 200036-0

**Quest Engineering Solutions, Inc.**

300 Concord Road  
 Billerica, MA 01821  
 Contact: Mr. Glenn Ryan  
 Phone: 508-667-7000  
 Fax: 508-667-3388  
 E-Mail: info@QES.com

**FCC Test Methods**

Accreditation Valid Through: March 31, 1997

NVLAP

Code	Designation
------	-------------

**Federal Communications Commission (FCC) Methods**

12/F01	FCC Method - 47 CFR Part 15 - Digital Devices
12/F01a	Conducted Emissions, Power Lines, 450 KHz to 30 MHz
12/F01b	Radiated Emissions

**International Special Committee on Radio Interference**

**(CISPR) Methods**

12/CIS22	IEC/CISPR 22:1993: Limits and methods of measurement of radio disturbance characteristics of information technology equipment
----------	---

NVLAP LAB CODE 200037-0

**Western Analytical Laboratory**

3017 N. San Fernando Blvd., Suite A  
 Burbank, CA 91504-4704  
 Contact: Mr. Mike Maladzhikyan  
 Phone: 818-845-7766  
 Fax: 818-845-7742

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: March 31, 1997

NVLAP LAB CODE 200039-0

**Detecon, Inc. Type Approval Division**

1775 Old Highway 8, Suite 107/108  
 St. Paul, MN 55112-1891  
 Contact: Mr. William Holz  
 Phone: 612-639-0775  
 Fax: 612-639-0873

**FCC Test Methods**

Accreditation Valid Through: March 31, 1997

*NVLAP*

*Code Designation*

*AUSTEL Technical Standards as determined under the  
 Telecommunications Act of 1991*

12/T47 TS-013  
 12/T48 TS-014  
 12/T49 TS-016

NVLAP LAB CODE 200040-0

**LG Electronics, Inc., Quality and Reliability  
 Center**

36, Munlae-dong, 6-ga Youngdungpo-gu  
 Seoul 150-096  
 KOREA  
 Contact: Mr. Hong Do-Jae  
 Phone: 82 2 630 3006  
 Fax: 82 2 630 3050

**FCC Test Methods**

Accreditation Valid Through: June 30, 1997

*NVLAP*

*Code Designation*

*Federal Communications Commission (FCC) Methods*

12/F01 FCC Method - 47 CFR Part 15 - Digital  
 Devices  
 12/F01a Conducted Emissions, Power Lines, 450 KHz  
 to 30 MHz  
 12/F01b Radiated Emissions

NVLAP LAB CODE 200041-0

**Kingston Environmental Laboratory**

1600 S.W. Market  
 Lee's Summit, MO 64081-3109  
 Contact: Ms. Melissa McKee  
 Phone: 816-524-8811  
 Fax: 816-251-8102

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: September 30, 1997

NVLAP LAB CODE 200044-0

**U.S. Army Center for Health Promotion and  
 Preventive Medicine**

Attn: MCHB-DL-LO, Bldg. E-2100  
 Aberdeen Proving Ground, MD 21010-5422  
 Contact: Mr. Frederic Belkin  
 Phone: 410-671-3898  
 Fax: 410-671-4108

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: September 30, 1997

NVLAP LAB CODE 200045-0

**Willamette Industries, Inc. West Coast  
 Development Lab**

9130 SW Pioneer Court, Suite D  
 Wilsonville, OR 97070  
 Contact: Mr. Gary Vosler  
 Phone: 503-682-4995  
 Fax: 503-682-4545

**Commercial Products Testing**

Accreditation Valid Through: September 30, 1997

*NVLAP*

*Code Designation*

*Paper and Related Products*

09/E02 TAPPI T402-OM; ASTM D685  
 09/E05 TAPPI T410-OM  
 09/E06 TAPPI T411-OM  
 09/E11 TAPPI T452-OM  
 09/E17 TAPPI T494-OM  
 09/E20 TAPPI T809-OM  
 09/E21 TAPPI T818-OM  
 09/E22 TAPPI T807-OM  
 09/E25 TAPPI T826-PM  
 09/E27 TAPPI UM-403  
 09/E29 TAPPI T476-OM  
 09/H01 ASTM D642; TAPPI T804-OM  
 09/H24 TAPPI T802-OM  
 09/H27 TAPPI T808-OM  
 09/H28 TAPPI T810-OM  
 09/H29 TAPPI T811-OM  
 09/H30 TAPPI T821-OM

**INDEX D. LISTING OF TESTING LABORATORIES BY NVLAP LAB CODE - continued****NVLAP LAB CODE 200046-0****Maxim Technologies, Inc.**

662 Cromwell Avenue  
 St. Paul, MN 55114-1776  
 Contact: Mr. Richard S. Alberg  
 Phone: 612-659-7528  
 Fax: 612-659-7229

**Acoustical Testing Services**

Accreditation Valid Through: March 31, 1997

*NVLAP*

<i>Code</i>	<i>Designation</i>
08/P03	ASTM C423
08/P06	ASTM E90
08/P10	ANSI S12.31 (ISO 3741)
08/P31	ASTM E336
08/P32	ASTM E1007
08/P37	ASTM E966

**Thermal Insulation Materials**

Accreditation Valid Through: March 31, 1997

*NVLAP*

<i>Code</i>	<i>Designation</i>
-------------	--------------------

**Mass, Density, and Dimensional Stability**

01/D04	ASTM C209 (Sec. 13)
01/D06	ASTM C209 (S. 14) by D1037 (S. 107-110)
01/D07	ASTM C272
01/D18	ASTM D1622
01/D19	ASTM D2126

**Related Material Properties**

01/V04	ASTM E96
--------	----------

**Strength**

01/S02	ASTM C203
01/S03	ASTM C209 (Sec. 9)
01/S04	ASTM C209 (Sec. 10)
01/S05	ASTM C209 (Sec. 11)
01/S06	ASTM C209 (Sec. 12)
01/S11	ASTM D1621 (Proc. A)

**Thermal Resistance**

01/T04	ASTM C236
01/T06	ASTM C518

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: March 31, 1997

**NVLAP LAB CODE 200047-0****National Econ Corporation**

4515 Poplar Avenue, Suite 410  
 Memphis, TN 38117  
 Contact: Mr. Chester V. Ervin  
 Phone: 901-761-5431  
 Fax: 901-767-2466

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: September 30, 1997

**NVLAP LAB CODE 200049-0****Incheape Testing Services NA, Inc.**

7435 4th Street North  
 Lake Elmo, MN 55042  
 Contact: Mr. Albert Garlatti  
 Phone: 612-730-1188  
 Fax: 612-730-1282

**FCC Test Methods**

Accreditation Valid Through: June 30, 1997

*NVLAP*

<i>Code</i>	<i>Designation</i>
-------------	--------------------

**Australian Standards referred to by clauses in AUSTEL****Technical Standards**

12/T51	AS-3548
--------	---------

**Federal Communications Commission (FCC) Methods**

12/F01	FCC Method - 47 CFR Part 15 - Digital Devices
12/F01a	Conducted Emissions, Power Lines, 450 KHz to 30 MHz
12/F01b	Radiated Emissions

**International Special Committee on Radio Interference (CISPR) Methods**

12/CIS22	IEC/CISPR 22:1993: Limits and methods of measurement of radio disturbance characteristics of information technology equipment
----------	---

**NVLAP LAB CODE 200050-0****Cooper Lighting - Metalux Research Laboratories**

428 Southerfield Road  
 P.O. Box 1207  
 Americus, GA 31709-1207  
 Contact: Mr. James L. Domigan, Jr.  
 Phone: 912-924-8000  
 Fax: 912-924-5507

**Energy Efficient Lighting Products**

Accreditation Valid Through: June 30, 1997

*NVLAP*

<i>Code</i>	<i>Designation</i>
-------------	--------------------

**Luminaires (Lighting Fixtures)**

22/F04	IES LM-41
--------	-----------

**NVLAP LAB CODE 200052-0****EMC Test Lab**

2214 West Braker Lane, Bldg. D  
 Austin, TX 78758-4053  
 Contact: Mr. Charles L. Hinkle  
 Phone: 512-728-0427  
 Fax: 512-728-5278

**FCC Test Methods**

Accreditation Valid Through: September 30, 1997

*NVLAP*

<i>Code</i>	<i>Designation</i>
-------------	--------------------

**Federal Communications Commission (FCC) Methods**

12/F01	FCC Method - 47 CFR Part 15 - Digital
--------	---------------------------------------

Devices  
 12/F01a Conducted Emissions, Power Lines, 450 KHz  
 to 30 MHz  
 12/F01b Radiated Emissions

NVLAP LAB CODE 200054-0

**Micro Analytical Laboratories, Inc.**

1786 - 18th Street  
 San Francisco, CA 94107-2343  
 Contact: Dr. Yianping Li  
 Phone: 510-653-0824  
 Fax: 510-653-1361

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: June 30, 1997

NVLAP LAB CODE 200055-0

**Technology Products Assurance**

844 Don Mill Road  
 North York, Ontario M3C 1V7  
 CANADA  
 Contact: Mr. Kenneth Long  
 Phone: 416-448-4937  
 Fax: 416-448-4924

**FCC Test Methods**

Accreditation Valid Through: September 30, 1997

NVLAP

Code Designation

*AUSTEL Technical Standards as determined under the  
 Telecommunications Act of 1991*

12/T41 TS-001

*Australian Standards referred to by clauses in AUSTEL*

*Technical Standards*

12/T50 AS-3260

NVLAP LAB CODE 200056-0

**EMSL Analytical, Inc.**

440 Lawrence Bell Drive, Suite #2  
 Williamsville, NY 14221  
 Contact: Mr. Thomas Spengler  
 Phone: 716-631-5887  
 Fax: 716-631-7693

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: June 30, 1997

**Airborne Asbestos Analysis (TEM)**

Accreditation Valid Through: June 30, 1997

NVLAP LAB CODE 200057-0

**Curtis-Straus LLC**

527 Great Road  
 Littleton, MA 01460  
 Contact: Mr. Jon D. Curtis  
 Phone: 508-486-8880  
 Fax: 508-486-8828

**FCC Test Methods**

Accreditation Valid Through: June 30, 1997

NVLAP

Code Designation

*Australian Standards referred to by clauses in AUSTEL*

*Technical Standards*

12/T51 AS-3548

*Federal Communications Commission (FCC) Methods*

12/F01 FCC Method - 47 CFR Part 15 - Digital  
 Devices

12/F01a Conducted Emissions, Power Lines, 450 KHz  
 to 30 MHz

12/F01b Radiated Emissions

*International Special Committee on Radio Interference  
 (CISPR) Methods*

12/CIS22 IEC/CISPR 22:1993: Limits and methods of  
 measurement of radio disturbance  
 characteristics of information technology  
 equipment

NVLAP LAB CODE 200058-0

**Compaq Computer Corp. Emissions Control Lab**

M/C 060607  
 P.O. Box 692000  
 Houston, TX 77070-2000  
 Contact: Mr. Steve Ortman  
 Phone: 713-514-4897  
 Fax: 713-514-8029

**FCC Test Methods**

Accreditation Valid Through: September 30, 1997

NVLAP

Code Designation

*Federal Communications Commission (FCC) Methods*

12/F01 FCC Method - 47 CFR Part 15 - Digital  
 Devices

12/F01a Conducted Emissions, Power Lines, 450 KHz  
 to 30 MHz

12/F01b Radiated Emissions

NVLAP LAB CODE 200059-0

**Northwest EMC, Inc.**

120 South Elliott Road  
 Newberg, OR 97132  
 Contact: Mr. Dean Ghizzone  
 Phone: 503-537-0728  
 Fax: 503-537-0735

**FCC Test Methods**

Accreditation Valid Through: June 30, 1997

NVLAP

Code Designation

*Federal Communications Commission (FCC) Methods*

12/F01 FCC Method - 47 CFR Part 15 - Digital  
 Devices

12/F01a Conducted Emissions, Power Lines, 450 KHz  
 to 30 MHz

12/F01b Radiated Emissions



NVLAP LAB CODE 200060-0

**EMG, Company (Environmental Monitoring Group)**

14211 Euclid Street, Suite DD  
Garden Grove, CA 92643  
Contact: Mr. Ray Escobar  
Phone: 714-530-0779  
Fax: 714-530-1191

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: December 31, 1997

NVLAP LAB CODE 200061-0

**Rhein Tech Laboratories, Inc.**

360 Herndon Parkway, Suite #1400  
Herndon, VA 22070-4820  
Contact: Mr. Bruno Clavier  
Phone: 703-689-0368  
Fax: 703-689-2056

**FCC Test Methods**

Accreditation Valid Through: September 30, 1997

*NVLAP*

*Code Designation*

**Federal Communications Commission (FCC) Methods**

- 12/F01 FCC Method - 47 CFR Part 15 - Digital Devices
- 12/F01a Conducted Emissions, Power Lines, 450 KHz to 30 MHz
- 12/F01b Radiated Emissions

**International Special Committee on Radio Interference (CISPR) Methods**

- 12/CIS22 IEC/CISPR 22:1993: Limits and methods of measurement of radio disturbance characteristics of information technology equipment

NVLAP LAB CODE 200063-0

**Compatible Electronics, Inc.**

114 Olinda Drive  
Brea, CA 92621-7036  
Contact: Mr. Kumar R. Chaklashiya  
Phone: 714-579-0500  
Fax: 714-579-1850

**FCC Test Methods**

Accreditation Valid Through: June 30, 1997

*NVLAP*

*Code Designation*

**AUSTEL Technical Standards as determined under the Telecommunications Act of 1991**

- 12/T41 TS-001
- 12/T42 TS-002

**Australian Standards referred to by clauses in AUSTEL**

**Technical Standards**

- 12/T50 AS-3260
- 12/T51 AS-3548

**Federal Communications Commission (FCC) Methods**

- 12/F01 FCC Method - 47 CFR Part 15 - Digital Devices
- 12/F01a Conducted Emissions, Power Lines, 450 KHz to 30 MHz
- 12/F01b Radiated Emissions
- 12/T01 Terminal Equipment Network Protection Standards, FCC Method - 47 CFR Part 68 - Analog and Digital
- 12/T01a 68.302 (Par. c,d,e,f) Environmental simulation; 68.304 Leakage current limit.; 68.306 Hazardous voltage limit.; 68.308 Signal power limit.; 68.310 Longitudinal balance limit.; 68.312 On-hook impedance limit.; 68.314 Billing protection
- 12/T01b 68.316 Hearing Aid Compatibility: technical standards

NVLAP LAB CODE 200065-0

**Compliance Eng. Svces, Inc., Compliance Consulting Services**

1366 Bordeaux Drive  
Sunnyvale, CA 94089-1005  
Contact: Mr. Scott Wang  
Phone: 408-752-8166 x116  
Fax: 408-752-8168

**FCC Test Methods**

Accreditation Valid Through: June 30, 1997

*NVLAP*

*Code Designation*

**Federal Communications Commission (FCC) Methods**

- 12/F01 FCC Method - 47 CFR Part 15 - Digital Devices
- 12/F01a Conducted Emissions, Power Lines, 450 KHz to 30 MHz
- 12/F01b Radiated Emissions

**International Special Committee on Radio Interference (CISPR) Methods**

- 12/CIS22 IEC/CISPR 22:1993: Limits and methods of measurement of radio disturbance characteristics of information technology equipment

NVLAP LAB CODE 200066-0

**Washington Laboratories, Ltd.**

7560 Lindbergh Drive  
Gaithersburg, MD 20879  
Contact: Mr. Michael F. Violette  
Phone: 301-417-0220  
Fax: 301-417-9069  
E-Mail: Mikev@will.com

**FCC Test Methods**

Accreditation Valid Through: September 30, 1997

*NVLAP*

*Code Designation*

**Federal Communications Commission (FCC) Methods**

- 12/F01 FCC Method - 47 CFR Part 15 - Digital

Devices  
 12/F01a Conducted Emissions, Power Lines, 450 KHz  
 to 30 MHz  
 12/F01b Radiated Emissions

**NVLAP LAB CODE 200067-0**

**CT&E Environmental Services, Inc.**

3491 Kurtz Street  
 San Diego, CA 92110  
 Contact: Mr. Craig Sobotka  
 Phone: 619-222-0544  
 Fax: 619-224-7260

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: September 30, 1997

**NVLAP LAB CODE 200068-0**

**EMC Compliance Mgmt Group, dba Turntech Scientific & Instr., Inc.**

670 National Avenue  
 Mountain View, CA 94043-2244  
 Contact: Mr. Paul F. Chen  
 Phone: 415-988-0900  
 Fax: 415-988-6647

**FCC Test Methods**

Accreditation Valid Through: December 31, 1997

*NVLAP*

*Code Designation*

*Australian Standards referred to by clauses in AUSTEL*

*Technical Standards*

12/T51 AS-3548

*Federal Communications Commission (FCC) Methods*

12/F01 FCC Method - 47 CFR Part 15 - Digital  
 Devices

12/F01a Conducted Emissions, Power Lines, 450 KHz  
 to 30 MHz

12/F01b Radiated Emissions

*International Special Committee on Radio Interference*

*(CISPR) Methods*

12/CIS22 IEC/CISPR 22:1993: Limits and methods of  
 measurement of radio disturbance  
 characteristics of information technology  
 equipment

**NVLAP LAB CODE 200069-0**

**Elliott Laboratories, Inc.**

684 West Maude Avenue  
 Sunnyvale, CA 94086-3518  
 Contact: Mr. Thomas H. Parker  
 Phone: 408-245-7800  
 Fax: 408-245-3499

**FCC Test Methods**

Accreditation Valid Through: September 30, 1997

*NVLAP*

*Code Designation*

*AUSTEL Technical Standards as determined under the  
 Telecommunications Act of 1991*

12/T41 TS-001

*Australian Standards referred to by clauses in AUSTEL  
 Technical Standards*

12/T50 AS-3260

12/T51 AS-3548

*Federal Communications Commission (FCC) Methods*

12/F01 FCC Method - 47 CFR Part 15 - Digital  
 Devices

12/F01a Conducted Emissions, Power Lines, 450 KHz  
 to 30 MHz

12/F01b Radiated Emissions

*International Special Committee on Radio Interference  
 (CISPR) Methods*

12/CIS22 IEC/CISPR 22:1993: Limits and methods of  
 measurement of radio disturbance  
 characteristics of information technology  
 equipment

**NVLAP LAB CODE 200071-0**

**Apple Computer, Inc., EMC Compliance Laboratory**

1 Infinite Loop, Mailstop 26-A  
 Cupertino, CA 95014-2084  
 Contact: Mr. Robert Steinfeld  
 Phone: 408-974-2618  
 Fax: 408-861-5061

**FCC Test Methods**

Accreditation Valid Through: September 30, 1997

*NVLAP*

*Code Designation*

*Federal Communications Commission (FCC) Methods*

12/F01 FCC Method - 47 CFR Part 15 - Digital  
 Devices

12/F01a Conducted Emissions, Power Lines, 450 KHz  
 to 30 MHz

12/F01b Radiated Emissions

**NVLAP LAB CODE 200075-0**

**Rockford Engineering Services**

4750 Williams Wharf Road, P.O. Box 7  
 St. Leonard, MD 20685-9611  
 Contact: Mr. Michael Gbadebo  
 Phone: 510-862-2944  
 Fax: 510-862-9013

**FCC Test Methods**

Accreditation Valid Through: September 30, 1997

*NVLAP*

*Code Designation*

*Federal Communications Commission (FCC) Methods*

12/F01 FCC Method - 47 CFR Part 15 - Digital  
 Devices

12/F01a Conducted Emissions, Power Lines, 450 KHz  
 to 30 MHz

12/F01b Radiated Emissions

*International Special Committee on Radio Interference*

*(CISPR) Methods*

12/CIS22 IEC/CISPR 22:1993: Limits and methods of measurement of radio disturbance characteristics of information technology equipment

NVLAP LAB CODE 200076-0

**Instrument Specialties Co., Inc.**

P.O. Box A, Shielding Way  
Delaware Water Gap, PA 18327-0136  
Contact: Mr. J. Fred Gardner  
Phone: 717-424-8510  
Fax: 717-421-4227

**FCC Test Methods**

Accreditation Valid Through: September 30, 1997

*NVLAP*

*Code Designation*

*Federal Communications Commission (FCC) Methods*

12/F01 FCC Method - 47 CFR Part 15 - Digital Devices  
12/F01a Conducted Emissions, Power Lines, 450 KHz to 30 MHz  
12/F01b Radiated Emissions

NVLAP LAB CODE 200078-0

**Digital Equipment Corp., EMC Test Facility**

301 Rockrimmon Blvd. South  
Colorado Springs, CO 80919-2398  
Contact: Mr. Dennis Laurence  
Phone: 719-548-2080  
Fax: 719-548-2123

**FCC Test Methods**

Accreditation Valid Through: September 30, 1997

*NVLAP*

*Code Designation*

*Federal Communications Commission (FCC) Methods*

12/F01 FCC Method - 47 CFR Part 15 - Digital Devices  
12/F01a Conducted Emissions, Power Lines, 450 KHz to 30 MHz  
12/F01b Radiated Emissions

NVLAP LAB CODE 200080-0

**Continental Envirotech, Inc.**

1840 E. University Drive, Suite #7  
Mesa, AZ 85203-8237  
Contact: Mr. Kenneth W. Hokanson  
Phone: 602-844-1710  
Fax: 602-844-1752

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: September 30, 1997

NVLAP LAB CODE 200081-0

**Alternative Energy Corporation, Industrial Electrotechnology Lab.**

909 Capability Drive, #2100  
Raleigh, NC 27606-3870  
Contact: Mr. Russell B. Starkey  
Phone: 919-857-9038  
Fax: 919-832-2696

**Efficiency of Electric Motors**

Accreditation Valid Through: September 30, 1997

*NVLAP*

*Code Designation*

24/M01 IEEE 112, Method B

NVLAP LAB CODE 200082-0

**PDE Laboratories**

950 Calle Negocio  
San Clemente, CA 92673-6201  
Contact: Mr. Dave Farrant  
Phone: 714-361-9189  
Fax: 714-361-9597

**FCC Test Methods**

Accreditation Valid Through: September 30, 1997

*NVLAP*

*Code Designation*

*Federal Communications Commission (FCC) Methods*

12/F01 FCC Method - 47 CFR Part 15 - Digital Devices  
12/F01a Conducted Emissions, Power Lines, 450 KHz to 30 MHz  
12/F01b Radiated Emissions

*International Special Committee on Radio Interference*

*(CISPR) Methods*

12/CIS22 IEC/CISPR 22:1993: Limits and methods of measurement of radio disturbance characteristics of information technology equipment

NVLAP LAB CODE 200083-0

**Testwell Craig Laboratories, Inc.**

47 Hudson Street  
Ossining, NY 10562  
Contact: Mr. V. Reddy Kancharla  
Phone: 914-762-9000  
Fax: 914-762-9638

**Construction Materials Testing**

Accreditation Valid Through: June 30, 1997

*NVLAP*

*Code Designation*

*Admixtures*

02/A35 ASTM C233

*Aggregates*

02/A03 ASTM C29

02/A04 ASTM C40

02/A06 ASTM C88



02/A07 ASTM C117  
 02/A09 ASTM C127  
 02/A10 ASTM C128  
 02/A11 ASTM C131  
 02/A12 ASTM C136  
 02/A13 ASTM C142  
 02/A15 ASTM D75  
 02/A44 ASTM C566

**Cement**

02/A17 ASTM C109  
 02/A18 ASTM C114  
 02/A21 ASTM C157  
 02/A22 ASTM C183  
 02/A26 ASTM C191  
 02/A27 ASTM C204  
 02/A30 ASTM C266  
 02/A31 ASTM C305  
 02/A34 ASTM C452

**Concrete**

02/A01 ASTM C39  
 02/A02 ASTM C617  
 02/A40 ASTM C78  
 02/A41 ASTM C192  
 02/A43 ASTM C1064  
 02/A45 ASTM C42  
 02/A48 ASTM C856  
 02/G01 ASTM C31/C172/C143/C138/C231

**Soil and Rock**

02/L01 ASTM D4220  
 02/L02 ASTM D422  
 02/L05 ASTM D854  
 02/L06 ASTM D1140  
 02/L07 ASTM D1556  
 02/L08 ASTM D1557  
 02/L12 ASTM D2168  
 02/L13 ASTM D2216  
 02/L14 ASTM D2217  
 02/L16 ASTM D2487  
 02/L17 ASTM D2488  
 02/L20 ASTM D4318  
 02/L23 ASTM D2922  
 02/L24 ASTM D2974  
 02/L25 ASTM D3017

**Standard Practices**

02/A38 ASTM E329  
 02/A39 ASTM C1077

**Steel Materials**

02/S01 ASTM A370 (Sec. 5-13)/E8  
 02/S07 ASTM E709  
 02/S08 ASTM E165

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: June 30, 1997

**Airborne Asbestos Analysis (TEM)**

Accreditation Valid Through: June 30, 1997

**NVLAP LAB CODE 200083-1**

**Testwell Craig Testing Laboratories, Inc.**

5435 E. Harding Highway  
 P.O. Box 477  
 Mays Landing, NJ 08330  
 Contact: Mr. V. Reddy Kancharla  
 Phone: 609-625-1700  
 Fax: 609-625-6325

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: June 30, 1997

**NVLAP LAB CODE 200084-0**

**Alliant Techsystems**

401 Defense Highway  
 Annapolis, MD 21401  
 Contact: Mr. James H. Hall  
 Phone: 410-266-1785  
 Fax: 410-224-0887

**FCC Test Methods**

Accreditation Valid Through: September 30, 1997

*NVLAP*

*Code Designation*

**Federal Communications Commission (FCC) Methods**

12/F01 FCC Method - 47 CFR Part 15 - Digital Devices  
 12/F01a Conducted Emissions, Power Lines, 450 KHz to 30 MHz  
 12/F01b Radiated Emissions

**NVLAP LAB CODE 200085-0**

**Global EMC Standard Tech. Corp.**

No. 3, Pau-Tou-Tsuo Valley  
 Chia-Pau Tsuen, Lin Kou Hsiang  
 Taipei County  
 TAIWAN  
 Contact: Mr. Raymond Chang  
 Phone: 886-2-6035321  
 Fax: 886-2-6035325  
 E-Mail: GESTEK@MSS.HINET.NET

**FCC Test Methods**

Accreditation Valid Through: September 30, 1997

*NVLAP*

*Code Designation*

**Federal Communications Commission (FCC) Methods**

12/F01 FCC Method - 47 CFR Part 15 - Digital Devices  
 12/F01a Conducted Emissions, Power Lines, 450 KHz to 30 MHz  
 12/F01b Radiated Emissions

**International Special Committee on Radio Interference (CISPR) Methods**

12/CIS22 IEC/CISPR 22:1993: Limits and methods of measurement of radio disturbance characteristics of information technology equipment



NVLAP LAB CODE 200090-0

**ProScience Analytical Services, Inc.**

22 Cummings Park  
Woburn, MA 01801  
Contact: Mr. Adrian Stanca  
Phone: 617-935-3212  
Fax: 617-932-4857

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: December 31, 1997

**Airborne Asbestos Analysis (TEM)**

Accreditation Valid Through: December 31, 1997

NVLAP LAB CODE 200093-0

**UltraTech Engineering Labs Inc.**

33-4181 Sladeview Crescent  
Mississauga, Ontario L5L 5R2  
CANADA  
Contact: Mr. Victor Kee  
Phone: 905-569-2550  
Fax: 905-569-2480

**FCC Test Methods**

Accreditation Valid Through: September 30, 1997

*NVLAP*

*Code Designation*

**Federal Communications Commission (FCC) Methods**

- 12/F01 FCC Method - 47 CFR Part 15 - Digital Devices
- 12/F01a Conducted Emissions, Power Lines, 450 KHz to 30 MHz
- 12/F01b Radiated Emissions

**International Special Committee on Radio Interference**

**(CISPR) Methods**

- 12/CIS22 IEC/CISPR 22:1993: Limits and methods of measurement of radio disturbance characteristics of information technology equipment

NVLAP LAB CODE 200095-0

**Chopra-Lee, Inc.**

1815 Love Road  
P.O. Box 567  
Grand Island, NY 14072-0567  
Contact: Mr. Paul S. Chopra  
Phone: 716-773-7625  
Fax: 716-773-7624

**Bulk Asbestos Analysis (PLM)**

Accreditation Valid Through: September 30, 1997

NVLAP LAB CODE 200098-0

**Northern Telecom BVW Lab**

250 Sidney Street  
Belleville, Ontario K8N5B7  
CANADA  
Contact: Mrs. Seham Fawzy  
Phone: 613-966-0100 x3145  
Fax: 613-967-5364

**FCC Test Methods**

Accreditation Valid Through: December 31, 1997

*NVLAP*

*Code Designation*

**Australian Standards referred to by clauses in AUSTEL**

**Technical Standards**

- 12/T51 AS-3548

**Federal Communications Commission (FCC) Methods**

- 12/F01 FCC Method - 47 CFR Part 15 - Digital Devices
  - 12/F01a Conducted Emissions, Power Lines, 450 KHz to 30 MHz
  - 12/F01b Radiated Emissions
- International Special Committee on Radio Interference (CISPR) Methods**
- 12/CIS22 IEC/CISPR 22:1993: Limits and methods of measurement of radio disturbance characteristics of information technology equipment

NVLAP LAB CODE 200099-0

**Spectrum Research & Testing Laboratory, Inc.**

No. 101-10, Ling 8, Shan-Tong Li  
Chun-Li, Taoyuan  
TAIWAN  
Contact: Mr. Cheng-Yang Ho  
Phone: 011-886-3-4987684  
Fax: 011-886-3-4986528

**FCC Test Methods**

Accreditation Valid Through: December 31, 1997

*NVLAP*

*Code Designation*

**Australian Standards referred to by clauses in AUSTEL**

**Technical Standards**

- 12/T51 AS-3548

**Federal Communications Commission (FCC) Methods**

- 12/F01 FCC Method - 47 CFR Part 15 - Digital Devices
- 12/F01a Conducted Emissions, Power Lines, 450 KHz to 30 MHz
- 12/F01b Radiated Emissions

**International Special Committee on Radio Interference**

**(CISPR) Methods**

- 12/CIS22 IEC/CISPR 22:1993: Limits and methods of measurement of radio disturbance characteristics of information technology



**INDEX**

**E**

**LISTING OF  
CALIBRATION  
LABORATORIES  
BY NVLAP  
LAB CODE**





OAK RIDGE METROLOGY CENTER, DIMENSIONAL METROLOGY

P.O. Box 2009  
 Oak Ridge, TN 37831-7670  
 Contact: Mr. W. T. (Bill) McKeethan  
 Phone: 423-574-2707 Fax: 423-574-2328

Accreditation Valid Through: March 31, 1997

<i>NVLAP Code/ Parameters</i>	<i>Range</i>	<i>Best Uncertainty (<math>\pm</math>)<sup>note 1</sup></i>	<i>Remarks</i>
<b>DIMENSIONAL</b>			
20/D05 Length			
	0 - 1.35 m	(0.3 + 0.4L) micrometers; L is length in meters	Step and End Gages using M-60 Coordinate Measuring Machine
	0 - 1.2 m	(0.3 + 0.4L) micrometers; L is length in meters	Step and End Gages using M-48 Coordinate Measuring Machine

1. Represents an expanded uncertainty using a coverage factor, k=2

RICE LAKE WEIGHING SYSTEMS  
 230 West Coleman Street  
 P.O. Box 272  
 Rice Lake, WI 54868  
 Contact: Mr. Richard Calkins  
 Phone: 715-234-9171 Fax: 715-234-6967

Accreditation Valid Through: March 31, 1997

NVLAP Code/ Parameters	Range	Best Uncertainty ( $\pm$ ) <sup>note 1</sup>	Remarks
<b>MECHANICAL</b>			
20/M08			
Mass			
	1 kg	0.070 mg	Class I Facility
	500 g	0.050 mg	Class I Facility
	300 g	0.042 mg	Class I Facility
	200 g	0.037 mg	Class I Facility
	100 g	0.0346 mg	Class I Facility
	50 g	0.0103 mg	Class I Facility
	30 g	0.0068 mg	Class I Facility
	20 g	0.0068 mg	Class I Facility
	10 g	0.0068 mg	Class I Facility
	5 g	0.00219 mg	Class I Facility
	3 g	0.00229 mg	Class I Facility
	2 g	0.00218 mg	Class I Facility
	1 g	0.0016i mg	Class I Facility
	500 mg	0.00076 mg	Class I Facility
	300 mg	0.00075 mg	Class I Facility
	200 mg	0.00098 mg	Class I Facility
	100 mg	0.00098 mg	Class I Facility
	50 mg	0.00074 mg	Class I Facility
	30 mg	0.00098 mg	Class I Facility
	20 mg	0.00098 mg	Class I Facility
	10 mg	0.00106 mg	Class I Facility
	5 mg	0.00110 mg	Class I Facility
	3 mg	0.00069 mg	Class I Facility

INDEX E. LISTING OF CALIBRATION LABORATORIES BY NVLAP LAB CODE - continued

NVLAP Code/ Parameters	Range	Best Uncertainty ( $\pm$ ) <sup>note 1</sup>	Remarks
	2 mg	0.00089 mg	Class I Facility
	1 mg	0.00083 mg	Class I Facility
	50 kg	129 mg	Class II Facility
	30 kg	81 mg	Class II Facility
	25 kg	65 mg	Class II Facility
	20 kg	59 mg	Class II Facility
	10 kg	25 mg	Class II Facility
	5 kg	7.5 mg	Class II Facility
	3 kg	5.3 mg	Class II Facility
	2 kg	4.7 mg	Class II Facility
	1 kg	0.18 mg	Class II Facility
	500 g	0.09 mg	Class II Facility
	300 g	0.18 mg	Class II Facility
	200 g	0.18 mg	Class II Facility
	100 g	0.018 mg	Class II Facility
	50 g	0.010 mg	Class II Facility
	30 g	0.018 mg	Class II Facility
	20 g	0.010 mg	Class II Facility
	10 g	0.006 mg	Class II Facility
	5 g	0.0027 mg	Class II Facility
	3 g	0.0028 mg	Class II Facility
	2 g	0.0027 mg	Class II Facility
	1 g	0.0022 mg	Class II Facility
	500 mg	0.002 mg	Class II Facility
	300 mg	0.002 mg	Class II Facility
	200 mg	0.002 mg	Class II Facility
	100 mg	0.002 mg	Class II Facility
	50 mg	0.002 mg	Class II Facility
	30 mg	0.002 mg	Class II Facility
	20 mg	0.002 mg	Class II Facility
	10 mg	0.002 mg	Class II Facility
	5 mg	0.002 mg	Class II Facility

INDEX E. LISTING OF CALIBRATION LABORATORIES BY NVLAP LAB CODE - continued

<i>NVLAP Code/ Parameters</i>	<i>Range</i>	<i>Best Uncertainty (<math>\pm</math>)<sup>note 1</sup></i>	<i>Remarks</i>
	3 mg	0.002 mg	Class II Facility
	2 mg	0.002 mg	Class II Facility
	1 mg	0.002 mg	Class II Facility
	1000 kg	18.79 g	Class III Facility
	500 kg	10.32 g	Class III Facility
	300 kg	17.30 g	Class III Facility
	200 kg	12.13 g	Class III Facility
	100 kg	9.01 g	Class III Facility
	50 kg	130 mg	Class III Facility
	30 kg	81 mg	Class III Facility
	25 kg	65 mg	Class III Facility
	20 kg	59 mg	Class III Facility
	10 kg	25 mg	Class III Facility
	5 kg	7.5 mg	Class III Facility
	3 kg	0.2 mg	Class III Facility
	2 kg	4.7 mg	Class III Facility
	1 kg	0.1 mg	Class III Facility
	500 g	0.1 mg	Class III Facility
	300 g	0.2 mg	Class III Facility
	200 g	0.07 mg	Class III Facility
	100 g	0.006 mg	Class III Facility
	50 g	0.041 mg	Class III Facility
	30 g	0.041 mg	Class III Facility
	20 g	0.006 mg	Class III Facility
	10 g	0.007 mg	Class III Facility
	5 g	0.005 mg	Class III Facility
	3 g	0.005 mg	Class III Facility
	2 g	0.005 mg	Class III Facility
	1 g	0.004 mg	Class III Facility
	500 mg	0.001 mg	Class III Facility
	300 mg	0.001 mg	Class III Facility
	200 mg	0.001 mg	Class III Facility



INDEX E. LISTING OF CALIBRATION LABORATORIES BY NVLAP LAB CODE - continued

NVLAP Code/ Parameters	Range	Best Uncertainty ( $\pm$ ) <sup>note 1</sup>	Remarks
	100 mg	0.001 mg	Class III Facility
	50 mg	0.001 mg	Class III Facility
	30 mg	0.001 mg	Class III Facility
	20 mg	0.001 mg	Class III Facility
	10 mg	0.001 mg	Class III Facility
	5 mg	0.001 mg	Class III Facility
	3 mg	0.001 mg	Class III Facility
	2 mg	0.002 mg	Class III Facility
	1 mg	0.001 mg	Class III Facility
20/M08 Mass Avoirdupois			
	3000 lb	22.30 g	Class III Facility
	2000 lb	22.03 g	Class III Facility
	2000 lb	18.69 g	Class III Facility
	1500 lb	23.83 g	Class III Facility
	1250 lb	21.55 g	Class III Facility
	1000 lb	9.38 g	Class III Facility
	500 lb	12.87 g	Class III Facility
	250 lb	8.37 g	Class III Facility
	200 lb	8.56 g	Class III Facility
	100 lb	218 mg	Class III Facility
	50 lb	89 mg	Class III Facility
	30 lb	89 mg	Class III Facility
	25 lb	43 mg	Class III Facility
	20 lb	35 mg	Class III Facility
	10 lb	19.7 mg	Class III Facility
	5 lb	8.6 mg	Class III Facility
	4 lb	7.1 mg	Class III Facility
	3 lb	5.6 mg	Class III Facility
	2 lb	3.3 mg	Class III Facility
	1 lb	1.7 mg	Class III Facility
	0.5 lb	0.9 mg	Class III Facility

INDEX E. LISTING OF CALIBRATION LABORATORIES BY NVLAP LAB CODE - continued

<i>NVLAP Code/ Parameters</i>	<i>Range</i>	<i>Best Uncertainty (<math>\pm</math>)<sup>note 1</sup></i>	<i>Remarks</i>
	0.3 lb	0.49 mg	Class III Facility
	0.2 lb	0.330 mg	Class III Facility
	0.1 lb	0.050 mg	Class III Facility
	0.05 lb	0.087 mg	Class III Facility
	0.03 lb	0.050 mg	Class III Facility
	0.02 lb	0.033 mg	Class III Facility
	0.01 lb	0.018 mg	Class III Facility
	0.005 lb	0.018 mg	Class III Facility
	0.003 lb	0.018 mg	Class III Facility
	0.002 lb	0.018 mg	Class III Facility
	0.001 lb	0.002 mg	Class III Facility
	4 oz	0.42 mg	Class III Facility
	2 oz	0.214 mg	Class III Facility
	1 oz	0.113 mg	Class III Facility
	1/8 oz	0.002 mg	Class III Facility
	1/4 oz	0.027 mg	Class III Facility
	1/8 oz	0.015 mg	Class III Facility
	1/16 oz	0.009 mg	Class III Facility
	1/32 oz	0.007 mg	Class III Facility

1. Represents an expanded uncertainty using a coverage factor,  $k=2$

**SANDIA NATIONAL LABORATORIES**

P.O. Box 5800, Mail Stop 0665  
 Albuquerque, NM 87185-0665  
 Contact: Mr. Ralph T. Johnson  
 Phone: 505-845-8241 Fax: 505-844-4372

Accreditation Valid Through: December 31, 1997

**ELECTROMAGNETICS/DC-LOW FREQUENCY**

*NVLAP Code: 20/E01*

Voltage Converters

	<i>Best Uncertainty in ppm(±)<sup>note 1</sup></i>								
	<i>Frequency in Hertz</i>								
<i>Range</i>	<i>10</i>	<i>100</i>	<i>1 k</i>	<i>20 k</i>	<i>50 k</i>	<i>100 k</i>	<i>200 k</i>	<i>500 k</i>	<i>1 M</i>
1 V	102	20	23	17	26	42	71	73	75
2 V	101	18	17	21	27	42	72	71	73
3 V	102	16	18	17	27	42	71	73	75
4 V	101	17	17	19	30	42	71	71	72
6 V	101	16	16	17	27	41	72	74	76
10 V	101	16	18	18	27	41	72	73	74
12 V	101	18	18	16	27	42	72	72	73
20 V	104	19	16	17	30	41	72	76	78
30 V	102	17	16	16	27	42	71	76	77
40 V	101	17	16	19	27	41	73	76	77
60 V	101	23	16	17	27	42	71	71	74
100 V	101	19	16	17	28	43	73	75	75
120 V	102	22	21	22	31	52			
200 V	101	23	22	24	32	51			
300 V	103	29	25	25	34	56			
400 V	102	21	22	22	32	59			
600 V	102	23	22	21	33	57			
1000 V	104	31	29	31	43	69			

INDEX E. LISTING OF CALIBRATION LABORATORIES BY NVLAP LAB CODE - continued

NVLAP Code: 20/E01

AC Current Shunts

Range	Frequency	Best Uncertainty in percent( $\pm$ ) <sup>note 1</sup>
10 mA	50 kHz	0.010
25 mA	50 kHz	0.010
50 mA	50 kHz	0.010
100 mA	50 kHz	0.010
250 mA	50 kHz	0.010
500 mA	50 kHz	0.010
1 A	50 kHz	0.010
1 A	100 kHz	0.014
2.5 A	50 kHz	0.010
5 A	50 Hz	0.009
5 A	50 Hz	0.010
5 A	50 kHz	0.010
10 A	50 kHz	0.017
20 A	50 Hz	0.014
20 A	400 Hz	0.013
20 A	1 kHz	0.013
20 A	50 kHz	0.017

NVLAP Code: 20/E03

Capacitance Dividers - Pulsed High-Voltage Condition

Range	Best Uncertainty in percent( $\pm$ ) <sup>note 1</sup>	Remarks
1 to 350 kV	2.0	1 to 30 $\mu$ s Pulse

NVLAP Code: 20/E05

DC Resistance

Range in ohms	Best Uncertainty in ppm( $\pm$ ) <sup>note 1</sup>	Remarks
0.0001 to 0.001	11	Low Resistance
0.001 to 0.01	4	Low Resistance
0.01 to 0.1	2.5	Low Resistance
0.1 to 1	2	Low Resistance
1	0.057	Thomas



INDEX E. LISTING OF CALIBRATION LABORATORIES BY NVLAP LAB CODE - continued

<i>Range in ohms</i>	<i>Best Uncertainty in ppm(±)<sup>note 1</sup></i>	<i>Remarks</i>
1 to 10	1	
10 to 10 <sup>4</sup>	0.5	
10 k	0.15	SR104
10 <sup>5</sup>	2	
10 <sup>6</sup>	3	
10 <sup>7</sup>	5	
10 <sup>9</sup>	10	
10 <sup>5</sup>	240	with Teraohmeter
10 <sup>9</sup>	330	with Teraohmeter
10 <sup>10</sup>	470	with Teraohmeter
10 <sup>11</sup>	670	with Teraohmeter
10 <sup>12</sup>	1400	with Teraohmeter
10 <sup>14</sup>	2000	with Teraohmeter
10 <sup>14</sup>	3300	with Teraohmeter
10 <sup>16</sup>	6700	with Teraohmeter
10 <sup>16</sup>	7.0 %	with Teraohmeter
Special Resistors		
<i>Range in ohms</i>	<i>Best Uncertainty in ppm(±)<sup>note 1</sup></i>	<i>Remarks</i>
2 and 5	0.5	Reichsanstalt
25 and 100	0.15	Tinsley
10 <sup>16</sup>	0.5	NBS
Shunts		
<i>Range</i>	<i>Best Uncertainty in ppm(±)<sup>note 1</sup></i>	<i>Remarks</i>
100 mA to 1000 A	2.5	

**INDEX E. LISTING OF CALIBRATION LABORATORIES BY NVLAP LAB CODE - continued**

*NVLAP Code: 20/E06*

DC Voltage

<i>Range</i>	<i>Best Uncertainty(±)<sup>note 1</sup></i>	<i>Remarks</i>
1, 1.018 V	0.14 ppm	Josephson Array System
10.0 V	0.017 ppm	Josephson Array System
1.018 V	0.21 ppm	Standard Cell System
1.0 to 10.0 V	0.26 ppm	Zener Ref. System
Voltage dividers - Potentiometer combination		
1.5 V to 1500 V	2.5 ppm	Intermediate System
x1.0 range to 1.05 V	0.5 ppm of reading +0.1 μV	Potentiometer only,k=3
x1.0 range above 1.05 V	1.0 ppm of reading +0.1 μV	Potentiometer only,k=3
x0.1 range	1.5 ppm of reading +0.01 μV	Potentiometer only,k=3
x0.01 range	2.5 ppm of reading +0.005 μV	Potentiometer only,k=3
High Voltage		
to 100 kV	140 ppm	200 kV system
100 kV to 200 kV	140 ppm	200 kV system
to 10 kV	0.2 %	10 kV system
Ratio/Bridges		
1:1 to 1:100,000	0.5 x 10 <sup>7</sup> (ratio)	For ratio based on 20 step first dial (k=3). For bridges, uncertainty combines ratio and resistance uncertainties

*NVLAP Code: 20/E08*

Inductive Dividers

<i>Range</i>	<i>Best Uncertainty in ppm(±)<sup>note 1</sup></i>	<i>Remarks</i>
15, 35 and 100 V	55	@ 60,1 k and 10 kHz

*NVLAP Code: 20/E10*

LF Capacitance

<i>Range</i>	<i>Best Uncertainty in ppm(±)<sup>note 1</sup></i>	<i>Remarks</i>
0.01 to 1000 pF	5	@ 1 kHz

INDEX E. LISTING OF CALIBRATION LABORATORIES BY NVLAP LAB CODE - continued

NVLAP Code: 20/E11

LF Inductance

Range	Best Uncertainty in percent( $\pm$ ) <sup>note 1</sup>		
	Frequency in Hz		
	100	1 k	10 k
10 $\mu$ H	1.10	0.20	0.20
20 $\mu$ H	0.50	0.20	0.20
50 $\mu$ H	0.20	0.20	0.20
100 $\mu$ H	0.10	0.10	0.10
200 $\mu$ H	0.10	0.10	0.10
500 $\mu$ H	0.02	0.02	0.05
1 mH	0.02	0.02	0.06
2 mH	0.03	0.03	0.06
5 mH	0.03	0.03	0.06
10 mH	0.02	0.02	0.05
20 mH	0.02	0.02	0.05
50 mH	0.02	0.02	0.05
100 mH	0.02	0.02	0.05
200 mH	0.02	0.02	
500 mH	0.02	0.02	
1 H	0.02	0.05	
2 H	0.02	0.05	
5 H	0.02	0.10	
10 H	0.02	0.20	

NVLAP Code: 20/E18

Resistive Dividers - Pulsed High-Voltage Condition

Range	Best Uncertainty in percent( $\pm$ ) <sup>note 1</sup>	Remarks
1 to 350 kV	1.0	1 to 30 $\mu$ s Pulse

TIME & FREQUENCY

NVLAP Code: 20/F01

Frequency Dissemination

Range	Best Uncertainty( $\pm$ ) <sup>note 1</sup>	Remarks
0.1 MHz	1 part in 10 <sup>12</sup>	
1 MHz	1 part in 10 <sup>12</sup>	
5 MHz	1 part in 10 <sup>12</sup>	
10 MHz	1 part in 10 <sup>12</sup>	

ELECTROMAGNETICS/RF MICROWAVE

NVLAP Code: 20/R05

HF Capacitance

Range in pF	Best Uncertainty in percent( $\pm$ ) <sup>note 1</sup>				
	Frequency in Hz				
	100	1 k	10 k	100 k	1 M
0.01		0.20		1.3	
0.1		0.05		1.3	
1		0.02		0.04	
10		0.01		0.02	
100		0.01		0.01	
1000		0.01		0.04	
1		0.02		0.2	0.30
2		0.02		0.35	0.02
5		0.02		0.22	0.26
10		0.10		0.14	0.15
20		0.10		0.13	0.01
50				0.03	0.02
100				0.02	0.02
200				0.01	0.01
500				0.02	0.01
1000				0.02	0.03



INDEX E. LISTING OF CALIBRATION LABORATORIES BY NVLAP LAB CODE - continued

	<i>Best Uncertainty in percent(±)<sup>note 1</sup></i>				
	<i>Frequency in Hz</i>				
<i>Range in pF</i>	<i>100</i>	<i>1 k</i>	<i>10 k</i>	<i>100 k</i>	<i>1 M</i>
10		0.0001			
100		0.0001			
1	0.01	0.01	0.01	0.01	0.01
10	0.01	0.01	0.01	0.01	0.01
100	0.01	0.01	0.01	0.01	0.01
1000	0.01	0.01	0.01	0.01	0.01

NVLAP Code: 20/R06

HF Inductance

	<i>Best Uncertainty in percent(±)<sup>note 1</sup></i>			
	<i>Frequency in Hz</i>			
<i>Range</i>	<i>10 k</i>	<i>100 k</i>	<i>1 M</i>	<i>10 M</i>
0.1 μH		2.19	4.00	
0.2 μH		2.03	2.03	
0.5 μH		0.80	<b>4.00</b>	
1.0 μH		<b>0.80</b>	0.92	
2.0 μH		0.31	0.73	
<b>0.1</b> μH		0.25	<b>0.09</b>	
10 μH		0.39	0.63	
25 μH		0.32	0.16	
50 μH		0.26	0.12	
100 μH		0.24	0.11	
250 μH		0.32	0.16	
500 μH		0.26	0.09	
1 mH		0.24		
2.5 mH		0.25		
5 mH		<b>0.80</b>		
10 mH		0.29		
25 mH		0.25		

	<i>Best Uncertainty in percent(±)<sup>note 1</sup></i>			
	<i>Frequency in Hz</i>			
<i>Range</i>	<i>10 k</i>	<i>100 k</i>	<i>1 M</i>	<i>10 M</i>
0.25 μH	1.2	1.4	1.7	0.8
1 μH	0.4	0.5	0.6	0.8
10 μH	0.4	0.4	0.6	0.1
100 μH	0.2	0.2	0.2	

NVLAP Code: 20/R10

Q Standards

<i>Range</i>	<i>Best Uncertainty in percent(±)<sup>note 1</sup></i>	<i>Remarks</i>
Selected values from 95 to 607	1.2 to 4.5 dependent on Q value and frequency	frequency range 50 kHz to 45 MHz

NVLAP Code: 20/R11

RF-DC Voltage Converter

High Frequency TVC

	<i>Best Uncertainty in percent(±)<sup>note 1</sup></i>				
	<i>Frequency in Hz</i>				
<i>Range</i>	<i>1 M</i>	<i>10 M</i>	<i>30 M</i>	<i>50 M</i>	<i>100 M</i>
0.5 V	0.06	0.11	0.21	0.51	1.1
1 V	0.06	0.11	0.21	0.51	1.1
2 V	0.06	0.11	0.21	0.51	1.1
2.5 V	0.06	0.11	0.21	0.51	1.1
3 V	0.06	0.11	0.21	0.51	1.1
5 V	0.06	0.11	0.21		1.1
10 V	0.06	0.11	0.21		1.1
20 V	0.06	0.11	0.21		1.1
50 V	0.06	0.11	0.22		1.2
100 V	0.06	0.11	0.27		1.5
200 V	0.06	0.12	0.21		1.1

INDEX E. LISTING OF CALIBRATION LABORATORIES BY NVLAP LAB CODE - continued

<i>Best Uncertainty in percent(±)<sup>note 1</sup></i>						
<i>Frequency in Hz</i>						
RF TVC						
<i>Best Uncertainty in percent(±)<sup>note 1</sup></i>						
<i>Frequency in Hz</i>						
<i>Range</i>	<i>300 M</i>	<i>600 M</i>	<i>700 M</i>	<i>600 M</i>	<i>900 M</i>	<i>1000 M</i>
1 V	1.3	1.3	1.3	1.3	1.3	1.3
2.4 V	1.3	1.3	1.3	1.3	1.3	1.3
7 V	1.3	1.3	1.3	1.3	1.3	1.3
Micropotentiometers						
<i>Best Uncertainty in percent(±)<sup>note 1</sup></i>						
<i>Frequency in Hz</i>						
<i>Range</i>	<i>30 M</i>	<i>100 M</i>	<i>300 M</i>	<i>600 M</i>	<i>900 M</i>	
0.1 mV	2.32	3.56	3.36	5.10	5.10	
0.2 mV	0.54	1.07	1.02	1.38	1.42	
0.1 mV	2.34	3.44	3.16	5.10	5.10	
0.1 mV	0.54	1.07	1.05	1.38	1.30	
1 mV	2.24	3.33	3.21	5.10	5.10	
1.5 mV	0.59	1.02	1.02	1.38	1.30	
1 mV	0.53	1.07	1.21	1.38	1.39	
5 mV	2.24	3.44	3.17	5.10	5.10	
10 mV	2.24	3.19	3.16	5.10	5.10	
11 mV	2.25	3.17	3.58	5.10	5.10	
25 mV	0.48	1.07	0.97	1.28	1.30	
28.5 mV	2.52	3.44	3.95	5.10		
102 mV	0.53	0.99	1.08	1.30	1.28	
150 mV	0.43	0.99	1.06	1.32	1.28	
320 mV	2.24	3.23	3.18	5.10	5.10	
330 mV	0.45	1.01	0.98	1.38	1.29	

**INDEX E. LISTING OF CALIBRATION LABORATORIES BY NVLAP LAB CODE - continued**

*NVLAP Code: 20/R12*

RF/Microwave Bolometer Units

Expanded Uncertainties<sup>notes 1,2,3</sup> on Effective Efficiency & Calibration Factor of HP bolometric power sensors.

			<i>Frequency (MHz)</i>			
<i>Connector Type</i>	<i>Quantity</i>	<i>Quantity Range</i>	<i>50-2000</i>	<i>2000-8000</i>	<i>8000-12000</i>	<i>12000-18000</i>
N	Calibration Factor	0.9 to 1	0.004-0.006	0.004-0.006	0.005-0.007	0.006-0.008
APC-3.5	Calibration Factor	0.9 to 1	-----	0.007-0.009	0.009-0.010	0.010-0.011
N	Effective Efficiency	0.9 to 1	0.004-0.005	0.004-0.005	0.005-0.006	0.006-0.008
APC-3.5	Effective Efficiency	0.9 to 1	-----	0.007-0.008	0.008-0.009	0.009-0.010

*NVLAP Code: 20/R13*

RF/Microwave Attenuators

Reflection Coefficient (or Scattering Parameter S<sub>ii</sub>)

A. Dual 6-Port Network Analyzer Certification Uncertainties <sup>notes 2,3,4</sup>

			<i>Frequency (MHz)</i>			
<i>Connector Type</i>	<i>Quantity</i>	<i>Quantity Range</i>	<i>50-2000</i>	<i>2000-8000</i>	<i>8000-12000</i>	<i>12000-18000</i>
GR-900	S <sub>ii</sub>	0 to 1	0.002-0.003	0.002-0.015	-----	-----
N	S <sub>ii</sub>	0 to 1	0.002-0.008	0.002-0.027	0.006-0.018	0.006-0.030
APC-7	S <sub>ii</sub>	0 to 1	0.002-0.006	0.002-0.009	0.003-0.018	0.005-0.015
APC-3.5	S <sub>ii</sub>	0 to 1	0.002-0.012	0.002-0.015	0.006-0.013	0.012-0.050
GR-900	Arg(S <sub>ii</sub> )	0 <  S <sub>ii</sub>   < 1 -180 to +180 deg	0.120-180.0	0.019-180.0	-----	-----
N	Arg(S <sub>ii</sub> )	0 <  S <sub>ii</sub>   < 1 -180 to +180 deg	0.360-180.0	0.300-180.0	0.600-180.0	0.800-180.0
APC-7	Arg(S <sub>ii</sub> )	0 <  S <sub>ii</sub>   < 1 -180 to +180 deg	0.012-180.0	0.200-180.0	0.540-180.0	0.525-180.0
APC-3.5	Arg(S <sub>ii</sub> )	0 <  S <sub>ii</sub>   < 1 -180 to +180 deg	0.360-180.0	0.240-180.0	0.540-180.0	0.560-180.0



B. HP8510 Vector Network Analyzer Uncertainties

1. Expanded Uncertainties <sup>notes 1,2,3</sup> on one- or two-port devices

Connector Type	Quantity	Quantity Range	Frequency (MHz)			
			50-2000	2000-8000	8000-12000	12000-18000
N	$ S_{ii} $	0 to 1	0.001-0.003	0.001-0.009	0.004-0.009	0.004-0.021
APC-7	$ S_{ii} $	0 to 1	0.001-0.007	0.001-0.003	0.003-0.007	0.001-0.004
APC-3.5	$ S_{ii} $	0 to 1	0.001-0.007	0.004-0.020	0.004-0.020	0.004-0.020
N	$\text{Arg}(S_{ii})$	$0 <  S_{ii}  < 1$ -180 to +180 deg	0.05-180	0.36-180	1.43-180	1.34-180
APC-7	$\text{Arg}(S_{ii})$	$0 <  S_{ii}  < 1$ -180 to +180 deg	0.05-180	0.16-180	0.33-180	0.38-180
APC-3.5	$\text{Arg}(S_{ii})$	$0 <  S_{ii}  < 1$ -180 to +180 deg	0.53-180	0.33-180	0.35-180	0.33-180

2. Certification Uncertainties <sup>notes 2,3,4</sup> on three-port devices

Connector Type	Quantity	Quantity Range	Frequency (MHz)			
			50-2000	2000-8000	8000-12000	12000-18000
N, APC-7, APC-3.5	$ S_{ii} $	0 to 0.3	0.011 - 0.075	0.011 - 0.075	0.03 - 0.09	0.050 - 0.092
N, APC-7, APC-3.5	$ \Gamma_{ge} $	0 to 0.3	0.011 - 0.080	0.012 - 0.080	0.030 - 0.084	0.071 - 0.119

C. HP8753 Vector Network Analyzer Certification Uncertainties <sup>notes 2,3,4</sup>

1. One- or two-port devices

Connector Type	Quantity	Quantity Range	Frequency (MHz)	
			25-1000	1000-3000
N	$ S_{ii} $	0 to 1	0.001-0.009	0.003-0.016
APC-7	$ S_{ii} $	0 to 1	0.002-0.04	0.002-0.004
APC-3.5	$ S_{ii} $	0 to 1	0.006-0.02	0.006-0.035
N	$\text{Arg}(S_{ii})$	$0 <  S_{ii}  < 1$ -180 to +180 deg	0.2-70	1-180
APC-7	$\text{Arg}(S_{ii})$	$0 <  S_{ii}  < 1$ -180 to +180 deg	0.3-180	0.2-25

Connector Type	Quantity	Quantity Range	Frequency (MHz)	
			25-1000	1000-3000
APC-3.5	$\text{Arg}(S_{ii})$	$0 <  S_{ii}  < 1$ -180 to +180 deg	1-180	1.6-180

2. Three-port devices

Connector Type	Quantity	Quantity Range	25-1000 (MHz)
N, APC-7-APC-3.5	$ S_{ii} $	0 to 0.3	0.011 - 0.020
N, APC-7-APC-3.5	$ \Gamma_{ge} $	0 to 0.3	0.01 - 0.03

D. Weinschel VM-4B Certification Uncertainties <sup>notes 2,3,4</sup>

Connector Type	Quantity	Quantity Range	Frequency (MHz)			
			10-2000	2000-8000	8000-12000	12000-18000
N	$ S_{ii} $	0 to 1	0.025-0.080	0.031-0.085	0.040-0.090	0.046-0.112
APC-7	$ S_{ii} $	0 to 1	0.011-0.075	0.015-0.080	0.030-0.085	0.036-0.106
BNC <sup>5</sup>	$ S_{ii} $	0 to 1	0.026-0.060 <sup>5</sup>	-----	-----	-----

Attenuation (or Scattering Parameter  $S_{ij}$ )

A. Dual 6-Port Network Analyzer Certification Uncertainties <sup>notes 2,3,4</sup>

Connector Type	Quantity	Quantity Range	Frequency (MHz)			
			50-2000	2000-8000	8000-12000	12000-18000
GR-900	$ S_{ij} $	0 to 60 dB	0.012-0.390	0.015-0.410	-----	-----
N	$ S_{ij} $	0 to 60 dB	0.012-0.390	0.015-0.410	0.018-0.410	0.021-0.900
APC-7	$ S_{ij} $	0 to 60 dB	0.012-0.390	0.015-0.410	0.020-0.410	0.021-0.900
APC-3.5	$ S_{ij} $	0 to 60 dB	0.012-0.150	0.015-0.410	0.020-0.410	0.030-0.90

B. HP8510 Vector Network Analyzer Uncertainties

1. Expanded Uncertainties<sup>notes 1,2,3</sup> on one- or two-port devices

Connector Type	Quantity	Quantity Range	Frequency (MHz)			
			50-2000	2000-8000	8000-12000	12000-18000
N	S <sub>ij</sub>	0 to 60 dB	0.01-0.12	0.02-0.17	0.03-0.25	0.03-0.48
APC-7	S <sub>ij</sub>	0 to 60 dB	0.01-0.08	0.01-0.13	0.01-0.13	0.01-0.18
APC-3.5	S <sub>ij</sub>	0 to 60 dB	0.01-0.12	0.02-0.22	0.04-0.25	0.05-0.49
N	Arg(S <sub>ij</sub> )	0 <  S <sub>ij</sub>   < 60 dB 0 to 360 deg	0.22-1.19	0.32-1.27	0.36-1.84	0.58-3.46
APC-7	Arg(S <sub>ij</sub> )	0 <  S <sub>ij</sub>   < 60 dB 0 to 360 deg	0.22-0.73	0.25-1.21	0.41-1.70	0.57-2.85
APC-3.5	Arg(S <sub>ij</sub> )	0 <  S <sub>ij</sub>   < 60 dB 0 to 360 deg	0.45-0.80	0.35-1.39	0.41-1.94	0.66-3.17

2. Certification Uncertainties<sup>notes 2,3,4</sup> on three-port devices

Connector Type	Quantity	Quantity Range	Frequency (MHz)			
			50-2000	2000-8000	8000-12000	12000-18000
N, APC-7, APC-3.5	Coupling  (dB)	3-40 dB	0.071 - 0.320	0.110 - 0.500	0.012 - 0.500	0.320 - 0.600
N, APC-7, APC-3.5	Mainline  (dB)	0 to 8 dB	0.020 - 0.221	0.020 - 0.221	0.020 - 0.221	0.131 - .290
N, APC-7, APC-3.5	Directivity  (dB)	15-25 dB	0.19 - 9.2	0.53 - 9.2	0.80 - 9.2	1.55 - 9.2
N, APC-7, APC-3.5	Directivity  (dB)	30-40 dB	1.0 - ∞	2.6 - ∞	5.7 - ∞	7.2 - ∞

C. HP8753 Vector Network Analyzer Certification Uncertainties<sup>notes 2,3,4</sup>

1. One- or two-port devices

Connector Type	Quantity	Quantity Range	Frequency (MHz)	
			25-1000	1000-3000
N	S <sub>ij</sub>	0 to 60 dB	0.003-0.5	0.004-1.2
APC-7	S <sub>ij</sub>	0 to 60 dB	0.002-0.6	0.003-0.9



**INDEX E. LISTING OF CALIBRATION LABORATORIES BY NVLAP LAB CODE - continued**

APC-3.5	$ S_{ij} $	0 to 60 dB	0.003-0.6	0.003-1.0
APC-3.5	$\text{Arg}(S_{ij})$	$0 <  S_{ij}  < 60$ dB 0 to 360 deg	0.4-10	0.4-10

**2. Three-port devices**

<i>Connector Type</i>	<i>Quantity</i>	<i>Quantity Range</i>	<i>25-1000 (MHz)</i>
N, APC-7-APC-3.5	$ \text{Coupling} $ (dB)	3-20 dB	0.050 - 0.230
N, APC-7-APC-3.5	$ \text{Mainline} $ (dB)	0 to 8 dB	0.020 - 0.050
N, APC-7-APC-3.5	$ \text{Directivity} $ (dB)	15-25 dB	0.9 - 3.8
N, APC-7-APC-3.5	$ \text{Directivity} $ (dB)	30-40 dB	4 - $\infty$

**D. Weinschel VM-4B Certification Uncertainties <sup>notes 2,3,4</sup> on Attenuation**

<i>Connector Type</i>	<i>Quantity</i>	<i>Quantity Range</i>	<i>Frequency (MHz)</i>			
			<i>10-2000</i>	<i>2000-8000</i>	<i>8000-12000</i>	<i>12000-18000</i>
N	$ S_{ij} $	0 to 100 dB	0.06-0.60	0.10-1.10	0.25-1.52	0.38-1.80
APC-7	$ S_{ij} $	0 to 100 dB	0.06-0.60	0.10-1.00	0.20-1.43	0.30-1.75
BNC <sup>5</sup>	$ S_{ij} $	0 to 100 dB	0.10-0.90 <sup>5</sup>	-----	-----	-----

**E. Power Ratio Attenuation Expanded Uncertainties <sup>notes 1,2,3</sup>**

<i>Connector Type</i>	<i>Quantity</i>	<i>Quantity Range</i>	<i>Frequency (MHz)</i>			
			<i>10-2000</i>	<i>2000-8000</i>	<i>8000-12000</i>	<i>12000-18000</i>
FIXED ATTENUATORS OR STEP/VARIABLE ATTENUATORS						
N, APC-7 APC-3.5	$ S_{ij} $	0 to 11 dB	0.008-0.014 + Mismatch Unc.	0.014-0.016 + Mismatch Unc.	0.013-0.015 + Mismatch Unc.	0.015-0.018 + Mismatch Unc.
ISOLATED STEP/VARIABLE ATTENUATORS						
N, APC-7 APC-3.5	$ S_{ij} $	0 to 11 dB	0.008-0.014	0.014-0.016	0.013-0.015	0.015-0.018



**INDEX E. LISTING OF CALIBRATION LABORATORIES BY NVLAP LAB CODE - continued**

**NVLAP Code: 20/R16**

Group Delay

Group Delay Certification Uncertainties<sup>notes 2,3,4</sup>

<i>Connector Type</i>	<i>Typical Atten. (dB)</i>	<i>Delay (ns)</i>	<i>50-1000 (MHz)</i>
APC-7, N, APC-3.5	0.08	5	0.02 - 0.05
APC-7, N, APC-3.5	0.21	15	0.04 - 0.13
APC-7, N, APC-3.5	0.8	50	0.05 - 0.12
APC-7, N, APC-3.5	3	200	0.15 - 0.41
APC-7, N, APC-3.5	2.2	385	0.46 - 0.50

**NVLAP Code: 20/R17**

RF/Microwave Power Meters

CW Power Certification Uncertainties<sup>notes 2,3,4</sup>

**A. Low to Medium Power CW Microwave Power Meter Calibration at Type N Connector**

		<i>Frequency (MHz)</i>			
<i>Quantity</i>	<i>Quantity Range</i>	<i>1 to 2000</i>	<i>2000 to 4000</i>	<i>4000 to 12400</i>	<i>12400 to 16500</i>
Power (dBm)	-30 to -10	.09 to .41 dB	.13 to .41 dB	.14 to .34 dB	.16 to .46 dB
Power (dBm)	-10 to 10	.06 to .27 dB	.10 to .25 dB	.11 to .30 dB	-----
Power (dBm)	10 to 30	.06 to .25 dB	.10 to .21 dB	.11 to .24 dB	-----

**B. Low Power, Wide Range, CW Microwave Power Meter Calibration at Type N Connector**

		<i>Frequency (MHz)</i>		
<i>Quantity</i>	<i>Quantity Range</i>	<i>30 to 4000</i>	<i>4000 to 8000</i>	<i>8000 to 12400</i>
Power (dBm)	-60 to -50	0.20 to 0.41 dB	0.25 to 0.43 dB	0.24 to 0.43 dB
Power (dBm)	-50 to -40	0.18 to 0.29 dB	0.23 to 0.35 dB	0.22 to 0.35 dB
Power (dBm)	-40 to -30	0.14 to 0.25 dB	0.16 to 0.32 dB	0.20 to 0.32 dB
Power (dBm)	-30 to -20	0.14 to 0.23 dB	0.16 to 0.27 dB	0.18 to 0.27 dB

C. Medium Power CW Microwave Power Meter Calibration at Type N Connector

		<i>Frequency (MHz)</i>		
<i>Quantity</i>	<i>Quantity Range</i>	<i>12 to 1000</i>	<i>240</i>	<i>2000 to 2500</i>
Power (mW)	1 to 10	1.7 to 3.3%	-----	-----
Power (mW)	1 to 100	-----	-----	3.1 to 4.3%
Power (mW)	80 to 160	-----	1.9 to 2.4%	-----

D. Medium Power CW Microwave Power Meter Calibrations at APC-3.5 Connector

		<i>Frequency (MHz)</i>		
<i>Quantity</i>	<i>Quantity Range</i>	<i>2000 to 4000</i>	<i>4000 to 8000</i>	<i>8000 to 18000</i>
Power (mW)	0.1 to 8	2.8 to 4.0%	3.0 to 4.9%	4.0 to 5.8%

E. High Power CW Microwave Power Meter Calibrations at Type N Connector

		<i>Frequency (MHz)</i>	
<i>Quantity</i>	<i>Quantity Range</i>	<i>13.6 to 300</i>	<i>300 to 3000</i>
Power (Watts)	0.2 to 10	9.0 to 9.1%	3.3 to 10.6%
Power (Watts)	10 to 200	4.4 to 10.1%	9.6 to 10.6%

Pulse Power Certification Uncertainties<sup>notes 2,3,4</sup>

A. Pulse Power Meter Calibrations at Type N Connector

		<i>Frequency (MHz)</i>
<i>Quantity</i>	<i>Quantity Range</i>	<i>2000</i>
Power (mW)	10 to 100	7.3 to 8.2%

1. Expanded uncertainty with coverage factor of  $k=2$ , unless otherwise specified.
2. Approximate value. Actual value determined by test results.
3. The uncertainty ranges are the lowest and highest uncertainty values within the specified frequency range and quantity range.
4. Uncertainty consists of an appropriate combination of the measurement uncertainty (which includes all significant sources of uncertainty associated with the calibration process) and uncertainties due to use, environment, handling or variation with time over the certification interval.
5. Maximum frequency for BNC is 1000 MHz.

MINNESOTA METROLOGY LABORATORY

2277 Hwy. 36  
 St. Paul, MN 55113-3800  
 Contact: Ms. Carol Hockert  
 Phone: 612-639-4010 Fax: 612-639-4014  
 E-mail: chockert@dpsv.state.mn.us

Accreditation Valid Through: December 31, 1997

NVLAP Code/ Parameters	Range	Best Uncertainty ( $\pm$ ) <sup>note 1</sup>	Remarks
<b>MECHANICAL</b>			
20/M08			
Mass			
	1000 kg	10377 mg	Equal Arm Balance
	500 kg	5069 mg	Equal Arm Balance
	300 kg	3200 mg	Equal Arm Balance
	200 kg	2258 mg	Equal Arm Balance
	100 kg	1299 mg	Equal Arm Balance
	50 kg	99.7 mg	Double Substitution
	30 kg	63.0 mg	Double Substitution
	20 kg	44.6 mg	Double Substitution
	10 kg	0.036 mg	Double Substitution
	5 kg	0.247 mg	Double Substitution
	3 kg	0.156 mg	Double Substitution
	2 kg	0.156 mg	Double Substitution
	1 kg	0.036 mg	Double Substitution
	500 g	0.021 mg	Double Substitution
	300 g	0.016 mg	Double Substitution
	200 g	0.016 mg	Double Substitution
	100 g	0.014 mg	Double Substitution
	50 g	0.0097 mg	Double Substitution
	30 g	0.0072 mg	Double Substitution
	20 g	0.0063 mg	Double Substitution
	10 g	0.0068 mg	Double Substitution
	5 g	0.0036 mg	Double Substitution



INDEX E. LISTING OF CALIBRATION LABORATORIES BY NVLAP LAB CODE - continued

<i>NVLAP Code/ Parameters</i>	<i>Range</i>	<i>Best Uncertainty (<math>\pm</math>)<sup>note 1</sup></i>	<i>Remarks</i>
	3 g	0.0024 mg	Double Substitution
	2 g	0.0018 mg	Double Substitution
	1 g	0.0016 mg	Double Substitution
	500 mg	0.00048 mg	Double Substitution
	300 mg	0.00060 mg	Double Substitution
	200 mg	0.00048 mg	Double Substitution
	100 mg	0.00048 mg	Double Substitution
	50 mg	0.00050 mg	Double Substitution
	30 mg	0.00046 mg	Double Substitution
	20 mg	0.00046 mg	Double Substitution
	10 mg	0.00054 mg	Double Substitution
	5 mg	0.00034 mg	Double Substitution
	3 mg	0.00028 mg	Double Substitution
	2 mg	0.00028 mg	Double Substitution
	1 mg	0.00028 mg	Double Substitution
	1000 kg	23203 mg	Tolerance Test
	500 kg	11335 mg	Tolerance Test
	300 kg	7155 mg	Tolerance Test
	200 kg	5049 mg	Tolerance Test
	100 kg	2904 mg	Tolerance Test
	50 kg	222.8 mg	Tolerance Test
	30 kg	140.9 mg	Tolerance Test
	20 kg	99.6 mg	Tolerance Test
	10 kg	32.18 mg	Tolerance Test
	5 kg	1.65 mg	Tolerance Test
	3 kg	1.61 mg	Tolerance Test
	2 kg	1.59 mg	Tolerance Test
	1 kg	1.58 mg	Tolerance Test
	500 g	1.58 mg	Tolerance Test
	300 g	1.58 mg	Tolerance Test
	200 g	0.031 mg	Tolerance Test



**INDEX E. LISTING OF CALIBRATION LABORATORIES BY NVLAP LAB CODE - continued**

<i>NVLAP Code/ Parameters</i>	<i>Range</i>	<i>Best Uncertainty (<math>\pm</math>)<sup>note 1</sup></i>	<i>Remarks</i>
	100 g	0.032 mg	Tolerance Test
	50 g	0.024 mg	Tolerance Test
	30 g	0.020 mg	Tolerance Test
	20 g	0.019 mg	Tolerance Test
	10 g	0.020 mg	Tolerance Test
	5 g	0.016 mg	Tolerance Test
	3 g	0.015 mg	Tolerance Test
	2 g	0.015 mg	Tolerance Test
	1 g	0.015 mg	Tolerance Test
	500 mg	0.0147 mg	Tolerance Test
	300 mg	0.0146 mg	Tolerance Test
	200 mg	0.0146 mg	Tolerance Test
	100 mg	0.0146 mg	Tolerance Test
	50 mg	0.0146 mg	Tolerance Test
	30 mg	0.0146 mg	Tolerance Test
	20 mg	0.0146 mg	Tolerance Test
	10 mg	0.0146 mg	Tolerance Test
	5 mg	0.0146 mg	Tolerance Test
	3 mg	0.0146 mg	Tolerance Test
	2 mg	0.0146 mg	Tolerance Test
	1 mg	0.0146 mg	Tolerance Test
<b>DIMENSIONAL</b>			
20/D13 Surveying Rods and Tapes			
	1 - 12 in	0.003 in	Rigid Rules (Comparison to Standard)
	13 - 24 in	0.008 in	Rigid Rules (Comparison to Standard)
	1 - 10 ft	0.0042 ft	Metal Tapes (Bench Method)
	20 ft	0.0055 ft	Metal Tapes (Bench Method)
	30 ft	0.0067 ft	Metal Tapes (Bench Method)

INDEX E. LISTING OF CALIBRATION LABORATORIES BY NVLAP LAB CODE - continued

NVLAP Code/ Parameters	Range	Best Uncertainty ( $\pm$ ) <sup>note 1</sup>	Remarks
	40 ft	0.0082 ft	Metal Tapes (Bench Method)
	50 ft	0.0095 ft	Metal Tapes (Bench Method)
	60 ft	0.0103 ft	Metal Tapes (Bench Method)
	80 ft	0.0124 ft	Metal Tapes (Bench Method)
	80 ft	0.0139 ft	Metal Tapes (Bench Method)
	90 ft	0.0108 ft	Metal Tapes (Bench Method)
	100 ft	0.0169 ft	Metal Tapes (Bench Method)
	110 ft	0.0182 ft	Metal Tapes (Bench Method)
	120 ft	0.0095 ft	Metal Tapes (Bench Method)
	100 ft	0.0212 ft	Metal Tapes (Bench Method)
	140 ft	0.0228 ft	Metal Tapes (Bench Method)
	100 ft	0.0242 ft	Metal Tapes (Bench Method)
	160 ft	0.0228 ft	Metal Tapes (Bench Method)
	170 ft	0.0228 ft	Metal Tapes (Bench Method)
	180 ft	0.0212 ft	Metal Tape (Bench Method)
	180 ft	0.0288 ft	Metal Tape (Bench Method)
	200 ft	0.0301 ft	Metal Tape (Bench Method)
	1 - 50 ft	0.0054 ft	Steel Tape (Tape-to-Tape)
	60 - 100 ft	0.0108 ft	Steel Tape (Tape-to-Tape)
	110 - 150 ft	0.0182 ft	Steel Tape (Tape-to-Tape)
	160 - 200 ft	0.0215 ft	Steel Tape (Tape-to-Tape)
<b>MECHANICAL</b>			
20/M12 Volume and Density			
	10000 ml	0.6248 ml	Gravimetric Method
	1000 ml	0.0628 ml	Gravimetric Method
	100 ml	0.00617 ml	Gravimetric Method
	10 ml	0.00063 ml	Gravimetric Method
	1 ml	0.00010 ml	Gravimetric Method

INDEX E. LISTING OF CALIBRATION LABORATORIES BY NVLAP LAB CODE - continued

NVLAP Code/ Parameters	Range	Best Uncertainty ( $\pm$ ) <sup>note 1</sup>	Remarks
	100 gal	17.088 ml	Gravimetric Method
	50 gal	13.000 ml	Gravimetric Method
	25 gal	10.160 ml	Gravimetric Method
	5 gal	0.309 in <sup>3</sup>	Volumetric Provers (Volumetric Transfer Method)
	1500 gal	35.372 in <sup>3</sup>	Large Volume Provers (Volumetric Transfer Method)
	1000 gal	24.243 in <sup>3</sup>	Large Volume Provers (Volumetric Transfer Method)
	500 gal	13.063 in <sup>3</sup>	Large Volume Provers (Volumetric Transfer Method)
	100 gal	3.797 in <sup>3</sup>	Large Volume Provers (Volumetric Transfer Method)
	100 gal	11.97 in <sup>3</sup>	LPG Provers (Volumetric Transfer Method)
<b>THERMODYNAMICS</b>			
20/T03 Laboratory Thermometers			
	Triple Point of Water	0.00061 °C	Liquid-in-glass, digital thermometers
	10 °C	0.00542 °C	Liquid-in-glass, digital thermometers
	20 °C	0.00494 °C	Liquid-in-glass, digital thermometers
	30 °C	0.00502 °C	Liquid-in-glass, digital thermometers
	40 °C	0.00512 °C	Liquid-in-glass, digital thermometers
	50 °C	0.00522 °C	Liquid-in-glass, digital thermometers
	60 °C	0.00532 °C	Liquid-in-glass, digital thermometers
	70 °C	0.00543 °C	Liquid-in-glass, digital thermometers



<i>NVLAP Code/ Parameters</i>	<i>Range</i>	<i>Best Uncertainty (<math>\pm</math>)<sup>note 1</sup></i>	<i>Remarks</i>
	80 °C	0.00555 °C	Liquid-in-glass, digital thermometers
	80 °C	0.00568 °C	Liquid-in-glass, digital thermometers
	100 °C	0.00563 °C	Liquid-in-glass, digital thermometers
	150 °C	0.00568 °C	Liquid-in-glass, digital thermometers
	200 °C	0.00754 °C	Liquid-in-glass, digital thermometers
	250 °C	0.00921 °C	Liquid-in-glass, digital thermometers
	450 °C	0.01473 °C	Liquid-in-glass, digital thermometers
	400 °C	0.01859 °C	Liquid-on-glass, digital thermometers
	450 °C	0.02252 °C	Liquid-in-glass, digital thermometers
	500 °C	0.02649 °C	Liquid-in-glass, digital thermometers

1. Represents an expanded uncertainty using a coverage factor,  $k=2$



## U.S. ARMY PRIMARY STANDARDS LABORATORY

Attn: AMSMI-TMDE-S

Redstone Arsenal, AL 35898-5400

Contact: Dr. James R. Jones

Phone: 205-876-2666 Fax: 205-876-6014

E-mail: jjones@redstone.army.mil

Accreditation Valid Through: December 31, 1997

<i>NVLAP Code/ Parameters</i>	<i>Range</i>	<i>Best Uncertainty (<math>\pm</math>)<sup>note 1</sup></i>	<i>Remarks</i>
<b>ELECTROMAGNETICS/DC-LOW FREQUENCY</b>			
20/E06 DC Volts			
	0 - 10 volts	0.04 ppm	Josephson Array System
<b>TIME AND FREQUENCY</b>			
20/F01 Frequency			
	0.1 MHz	$1 \times 10^{-12}$	NIST FMS System
	1 MHz	$1 \times 10^{-12}$	NIST FMS System
	5 MHz	$1 \times 10^{-12}$	NIST FMS System
	10 MHz	$1 \times 10^{-12}$	NIST FMS System
<b>THERMODYNAMICS</b>			
Resistance Thermometry 20/T07			
	0.01 °C	0.001 °C	Triple Point of Water
	-189.3442 to -38.8344 °C	0.002 °C	Triple Point of Argon & Mercury
	29.7646 °C	0.002 °C	Melting Point of Gallium
	231.928 to 419.527 °C	0.002 °C	Freeze Point of Tin & Zinc

INDEX E. LISTING OF CALIBRATION LABORATORIES BY NVLAP LAB CODE - continued

NVLAP Code/ Parameters	Range	Best Uncertainty ( $\pm$ ) <sup>note 1</sup>	Remarks
<b>IONIZING RADIATION</b>			
Radioactive Sources 20/I04			
	0 to 1 x 10 <sup>6</sup> Bq	5 %	Large Area Sources, <sup>238</sup> Pu, <sup>239</sup> Pu
<b>ELECTROMAGNETICS/RF MICROWAVE</b>			
RF/Microwave Bolometer Units 20/R12			
	Frequency	Calibration Factor	
	0.0001 to 18 GHz	0.7 to 2.0 %	Coaxial, Type N Connector
	7 to 10 GHz	2.0%	H Band (WR-112) Waveguide
	8.2 to 12.4 GHz	1.8%	X Band (WR-90) Waveguide
	12.4 to 18.0 GHz	2.0%	Ku Band (WR-62) Waveguide
	18.0 to 26.5 GHz	2.5%	K Band (WR-42) Waveguide
	26.5 to 40.0 GHz	2.5%	Ka Band (WR-28) Waveguide
	43.0 to 45.0 GHz	1.0%	Q Band (WR-22) Waveguide
	58.0 to 62.0 GHz	3.0%	V Band (WR-15) Waveguide
	93.0 to 96.0 GHz	4.0%	W Band (WR-10) Waveguide

1. Represents an expanded uncertainty using a coverage factor, k=2

GEORGIA DEPARTMENT OF AGRICULTURE  
WEIGHTS & MEASURES LABORATORY

16 Forest Parkway  
Forest Park, GA 30050  
Contact: Mr. Martin T. Coile  
Phone: 404-363-7685 Fax: 404-362-4928

Accreditation Valid Through: March 31, 1997

NVLAP Code/ Parameters	Range	Best Uncertainty ( $\pm$ ) <sup>note 1</sup>	Remarks
<b>MECHANICAL</b>			
20/M08			
Mass			
	1000 kg	2.05 g	
	500 kg	2.05 g	
	300 kg	1.55 g	
	200 kg	1.55 g	
	100 kg	0.997 g	
	50 kg	123 mg	
	30 kg	101 mg	
	25 kg	6.46 mg	
	20 kg	97.7 mg	
	10 kg	6.44 mg	
	5 kg	5.95 mg	
	3 kg	5.27 mg	
	2 kg	1.60 mg	
	1 kg	0.232 mg	
	500 g	0.161 mg	
	300 g	0.145 mg	
	200 g	0.133 mg	
	100 g	0.071 mg	
	50 g	0.049 mg	
	30 g	0.040 mg	
	20 g	0.032 mg	
	10 g	0.037 mg	
	5 g	0.020 mg	

INDEX E. LISTING OF CALIBRATION LABORATORIES BY NVLAP LAB CODE - continued

<i>NVLAP Code/ Parameters</i>	<i>Range</i>	<i>Best Uncertainty (<math>\pm</math>)<sup>note 1</sup></i>	<i>Remarks</i>
	3 g	0.012 mg	
	2 g	0.008 mg	
	1 g	0.006 mg	
	500 mg	0.003 mg	
	300 mg	0.003 mg	
	200 mg	0.003 mg	
	100 mg	0.003 mg	
	50 mg	0.003 mg	
	30 mg	0.003 mg	
	20 mg	0.003 mg	
	10 mg	0.003 mg	
	5 mg	0.003 mg	
	3 mg	0.003 mg	
	2 mg	0.003 mg	
	1 mg	0.003 mg	
20/M12 Volume and Density			
	1/2 Pint	0.213 cm <sup>3</sup>	equivalent to $\pm$ 3.44 Minims
	1 Quart	0.229 cm <sup>3</sup>	equivalent to $\pm$ 3.74 Minims
	5 Gallon	8.357 cm <sup>3</sup>	equivalent to $\pm$ 0.51 in <sup>3</sup>

1. Represents an expanded uncertainty using a coverage factor, k=2



STATE OF VIRGINIA METROLOGY LAB

1 North 14th Street, Room 025  
 Richmond, VA 23219-3691  
 Contact: Mr. Michael J. Kramer  
 Phone: 804-786-0479 Fax: 804-371-0351

Accreditation Valid Through: September 30, 1997

<i>NVLAP Code/ Parameters</i>	<i>Range</i>	<i>Best Uncertainty (<math>\pm</math>)<sup>note 1</sup></i>	<i>Remarks</i>
<b>MECHANICAL</b>			
20/M08			
Mass			
	500 kg	4567 mg	Tolerance Test
	300 kg	4567 mg	Tolerance Test
	200 kg	2755 mg	Tolerance Test
	100 kg	2755 mg	Tolerance Test
	50 kg	278.9 mg	Tolerance Test
	30 kg	277.9 mg	Tolerance Test
	25 kg	277.5 mg	Tolerance Test
	20 kg	277.4 mg	Tolerance Test
	10 kg	277.1 mg	Tolerance Test
	5 kg	277.2 mg	Tolerance Test
	3 kg	277.2 mg	Tolerance Test
	2 kg	1.56 mg	Tolerance Test
	1 kg	0.576 mg	Tolerance Test
	500 g	0.267 mg	Tolerance Test
	300 g	0.266 mg	Tolerance Test
	200 g	0.266 mg	Tolerance Test
	100 g	0.033 mg	Tolerance Test
	50 g	0.028 mg	Tolerance Test
	30 g	0.027 mg	Tolerance Test
	20 g	0.026 mg	Tolerance Test
	10 g	0.014 mg	Tolerance Test
	5 g	0.009 mg	Tolerance Test
	3 g	0.008 mg	Tolerance Test

INDEX E. LISTING OF CALIBRATION LABORATORIES BY NVLAP LAB CODE - continued

NVLAP Code/ Parameters	Range	Best Uncertainty ( $\pm$ ) <sup>note 1</sup>	Remarks
	2 g	0.008 mg	Tolerance Test
	1 g	0.007 mg	Tolerance Test
	500 mg	0.0048 mg	Tolerance Test
	300 mg	0.0048 mg	Tolerance Test
	200 mg	0.0047 mg	Tolerance Test
	100 mg	0.0047 mg	Tolerance Test
	50 mg	0.0047 mg	Tolerance Test
	30 mg	0.0047 mg	Tolerance Test
	20 mg	0.0047 mg	Tolerance Test
	10 mg	0.0047 mg	Tolerance Test
	5 mg	0.0047 mg	Tolerance Test
	3 mg	0.0047 mg	Tolerance Test
	2 mg	0.0047 mg	Tolerance Test
	1 mg	0.0047 mg	Tolerance Test
<b>DIMENSIONAL</b>			
20/D13 Survey Rods and Tapes			
	0 to 25 ft	0.0015 inches	Metal Tapes (Bench Method)
	25 to 50 ft	0.003 inches	Metal Tapes (Bench Method)
	50 to 75 ft	0.0045 inches	Metal Tapes (Bench Method)
	75 to 100 ft	0.006 inches	Metal Tapes (Bench Method)
	0 to 25 ft	0.003 inches	Steel Tapes (Tape to Tape)
	25 to 50 ft	0.006 inches	Steel Tapes (Tape to Tape)
	50 to 75 ft	0.009 inches	Steel Tapes (Tape to Tape)
	75 to 100 ft	0.012 inches	Steel Tapes (Tape to Tape)
<b>MECHANICAL</b>			
20/M12 Volume and Density			
	1.0 gill	0.002 gill	Volume Transfer
	0.5 pint	0.001 pint	Volume Transfer

INDEX E. LISTING OF CALIBRATION LABORATORIES BY NVLAP LAB CODE - continued

NVLAP Code/ Parameters	Range	Best Uncertainty ( $\pm$ ) <sup>note 1</sup>	Remarks
	1.0 pint	0.0005 pint	Volume Transfer
	1.0 quart	0.0002 quart	Volume Transfer
	0.5 gallon	0.0002 gallon	Volume Transfer
	1.0 gallon	0.00016 gallon	Volume Transfer
	50 mL	0.13 mL	Volume Transfer
	100 mL	0.26 mL	Volume Transfer
	200 mL	0.26 mL	Volume Transfer
	500 mL	0.26 mL	Volume Transfer
	1 Liter	0.0003 Liter	Volume Transfer
	2 Liter	0.0003 Liter	Volume Transfer
	5 Liter	0.0003 Liter	Volume Transfer
	5 gallon	0.0034 gallon	Volume Transfer
	100 gallon	0.05 gallon	Volume Transfer
	> 100 gallon	0.05 gallon or 12 in <sup>3</sup>	Volume Transfer
<b>THERMODYNAMICS</b>			
20/T03 Laboratory Thermometers			
	0 °C to 85 °C	0.2 °C	Liquid-in-glass
<b>TIME AND FREQUENCY</b>			
20/F01 Frequency			
	1000 to 6000 Hz	0.047 mph	Tuning forks at frequencies used in law enforcement converted to miles per hour (mph)

1. Represents an expanded uncertainty using a coverage factor, k=2

**HENRY TROEMNER, INC.**  
 6825 Greenway Avenue  
 Philadelphia, PA 19142-1294  
 Contact: Mr. Wilbert D. Abele  
 Phone: 215-724-0800 Fax: 215-724-9663  
 E-mail: troemner@troemner.com

Accreditation Valid Through: September 30, 1997

NVLAP Code/ Parameters	Range	Best Uncertainty ( $\pm$ ) <sup>note 1 &amp; 2</sup>	Remarks <sup>note 3</sup>
<b>MECHANICAL</b> 20/M08 Mass			
	30 kg	12.41 mg	
	20 kg	9.24 mg	
	10 kg	4.47 mg	
	5 kg	2.76 mg	
	3 kg	1.07 mg	
	2 kg	0.73 mg	
	1 kg	0.228 mg	
	500 g	0.115 mg	
	300 g	0.069 mg	
	200 g	0.047 mg	
	100 g	0.035 mg	
	50 g	0.0187 mg	
	30 g	0.113 mg	
	20 g	0.0081 mg	
	10 g	0.0096 mg	
	5 g	0.0052 mg	
	3 g	0.0053 mg	
	2 g	0.0026 mg	
	1 g	0.0025 mg	
	500 mg	0.0017 mg	
	300 mg	0.0015 mg	
	200 mg	0.0010 mg	
	100 mg	0.0010 mg	



INDEX E. LISTING OF CALIBRATION LABORATORIES BY NVLAP LAB CODE - continued

NVLAP Code/ Parameters	Range	Best Uncertainty ( $\pm$ ) <sup>note 1 &amp; 2</sup>	Remarks <sup>note 3</sup>
	50 mg	0.0008 mg	
	30 mg	0.0007 mg	
	20 mg	0.0007 mg	
	10 mg	0.0010 mg	
	5 mg	0.0008 mg	
	3 mg	0.0007 mg	
	2 mg	0.0007 mg	
	1 mg	0.0004 mg	
<b>Class III Tolerance Testing</b>			
	1000 kg	10.34 g	Class III Facility
	500 kg	5.03 g	Class III Facility
	200 kg	3.26 g	Class III Facility
	100 kg	1.64 g	Class III Facility
	50 kg	0.087 g	Class III Facility
	30 kg	0.072 g	Class III Facility
	25 kg	0.066 g	Class III Facility
	20 kg	0.057 g	Class III Facility
	10 kg	0.024 g	Class III Facility
	5 kg	18.30 mg	Class III Facility
	3 kg	16.77 mg	Class III Facility
	2 kg	11.52 mg	Class III Facility
	1 kg	10.09 mg	Class III Facility
	500 g	10.02 mg	Class III Facility
	300 g	10.01 mg	Class III Facility
	3000 lb	16.791 g	Class III Facility
	2500 lb	13.551 g	Class III Facility
	2000 lb	10.312 g	Class III Facility
	1000 lb	5.178 g	Class III Facility
	500 lb	3.841 g	Class III Facility
	100 lb	0.088 g	Class III Facility

INDEX E. LISTING OF CALIBRATION LABORATORIES BY NVLAP LAB CODE - continued

<i>NVLAP Code/ Parameters</i>	<i>Range</i>	<i>Best Uncertainty (<math>\pm</math>)</i> <sup>note 1 &amp; 2</sup>	<i>Remarks</i> <sup>note 3</sup>
	50 lb	0.054 g	Class III Facility
	30 lb	0.046 g	Class III Facility
	25 lb	0.035 g	Class III Facility
	20 lb	0.029 g	Class III Facility
	10 lb	0.018 g	Class III Facility
	5 lb	10.572 mg	Class III Facility
	3 lb	10.127 mg	Class III Facility
	2 lb	10.093 mg	Class III Facility
	1 lb	10.019 mg	Class III Facility
	0.5 lb	10.005 mg	Class III Facility

- 
1. Represents expanded uncertainty using a coverage factor,  $k=2$ .
  2. Approximate value. Actual value determined by the test statistics
  3. Class III Facility located at 700 Carpenters Crossing, Folcroft, PA 19032

SOUTHERN CALIFORNIA EDISON COMPANY

7300 Fenwick Lane

Westminster, CA 92683

Contact: Mr. Jack Burdick

Phone: 714-895-0422 Fax: 714-895-0686

Accreditation Valid Through: March 31, 1997

NVLAP Code/ Parameters	Range	Best Uncertainty ( $\pm$ ) <sup>note 1</sup>	Remarks
<b>MECHANICAL</b>			
20/M08			
Mass			
	30 kg	41.0 mg	
	20 kg	29.5 mg	
	10 kg	10.0 mg	
	5 kg	3.5 mg	
	2 kg	2.8 mg	
	1 kg	0.250 mg	
	500 g	0.125 mg	
	200 g	0.080 mg	
	100 g	0.030 mg	
	50 g	0.0295 mg	
	20 g	0.020 mg	
	10 g	0.0195 mg	
	5 g	0.0060 mg	
	2 g	0.0070 mg	
	1 g	0.0060 mg	
	500 mg	0.0016 mg	
	200 mg	0.0025 mg	
	100 mg	0.0016 mg	
	50 mg	0.0016 mg	
	20 mg	0.0013 mg	
	10 mg	0.0013 mg	
	5 mg	0.0013 mg	
	2 mg	0.0011 mg	

<i>NVLAP Code/ Parameters</i>	<i>Range</i>	<i>Best Uncertainty (<math>\pm</math>)<sup>note 1</sup></i>	<i>Remarks</i>
	1 mg	0.0011 mg	
<b>ELECTROMAGNETICS - DC/LOW FREQUENCY</b>			
20/E06 DC Voltage			
	10.00 V	0.4 ppm	Reference Cells
	1.018 V	0.47 ppm	
	1.000 V	0.47 ppm	
	100 mV	2.6 ppm	Meters and Multifunction Calibrators
	1.0 V	1.1 ppm	
	10.0 V	1.1 ppm	
	100.0 V	1.1 ppm	
	1000.0 V	1.2 ppm	

1. Represents an expanded uncertainty using a coverage factor, k=2



**FLUKE CORPORATION PRIMARY STANDARDS LABORATORY**

6920 Seaway Boulevard  
 P.O. Box 9090  
 Everett, WA 98206-9090  
 Contact: Mr. Raymond D. Kletke  
 Phone: 206-356-5694 Fax: 206-356-5992  
 E-mail: rdk@tc.fluke.com

Accreditation Valid Through: June 30, 1997

<i>NVLAP Code/ Parameters</i>	<i>Range</i>	<i>Best Uncertainty (<math>\pm</math>)<sup>note 1</sup></i>	<i>Remarks</i>
<b>ELECTROMAGNETICS - DC/LOW FREQUENCY</b>			
20/E06 DC Voltage			
Reference Standards			
	10.00 V	0.02 ppm <sup>note 2</sup>	Direct Comparison - in lab
	10.00 V	0.06 ppm <sup>note 2</sup>	Direct Comparison - remote location
Well Isolated DC Sources or Voltmeters			
	200 $\mu$ V to 10 V	0.1(V) <sup>0.3</sup> $\mu$ V <sup>note 2</sup>	Direct against J Array
	10 V to 100 V	0.7 ppm <sup>note 2</sup>	J Array & Divider
	100 V to 1000 V	1.0 ppm <sup>note 2</sup>	J Array & Divider
Calibrators or Digital Voltmeters			
	0.1 V	4.5 ppm	Transfer Method
	1.0 V	1.0 ppm	Transfer Method
	10.0 V	0.4 ppm	Transfer Method
	100.0 V	0.7 ppm	Transfer Method
	1000.0 V	1.0 ppm	Transfer Method

INDEX E. LISTING OF CALIBRATION LABORATORIES BY NVLAP LAB CODE - continued

NVLAP Code: 20/E01

AC/DC Difference for Low Frequency Voltage

Best Uncertainty in ppm( $\pm$ )<sup>note 1</sup>

Frequency in Hertz

Range	Level	40	20	40	100	1k	20k	20k	50k	800k	300k	500k	800k	1M
22 mV	2 mV	100	700	100	100	100	100	100	600	700	1000	1200	1500	1500
22 mV	6 mV	350	200	200	200	200	200	200	200	200	100	300	100	300
22 mV	10 mV	200	100	100	100	100	100	100	200	300	400	500	100	100
22 mV	20 mV	200	120	100	100	100	100	100	150	300	500	600	800	800
220 mV	20 mV	150	120	100	100	100	100	100	150	300	500	600	100	800
220 mV	60 mV	200	60	40	40	40	40	40	40	100	100	200	100	300
220 mV	100 mV	120	50	35	35	35	30	30	60	120	180	250	325	325
220 mV	200 mV	100	60	30	20	26	20	20	40	80	100	200	280	280
700 mV	200 mV	100	60	40	30	30	30	30	35	100	100	220	270	270
700 mV	600 mV	150	40	20	20	20	20	20	35	55	100	110	110	110
2.2 V	0.6 V	150	40	28	20	20	20	20	35	55	100	110	110	110
2.2 V	1 V	150	40	20	40	40	40	40	35	45	100	110	110	110
2.2 V	2 V	150	40	20	7	7	7	7	35	45	100	110	110	110
7 V	2 V	150	40	25	10	40	40	40	35	45	100	110	110	110
7 V	6 V	150	40	20	8	8	8	8	35	45	100	110	110	110
22 V	6 V	150	40	25	40	40	10	10	40	45	100	110	110	110
22 V	10 V	150	40	20	13	13	13	13	35	45	100	110	110	110
22 V	20 V	150	40	20	13	13	13	13	35	45	100	110	110	110
70 V	20 V	150	40	25	20	20	20	20	40	80	100	110	110	110
70 V	60 V	150	40	20	45	45	45	45	40	55	100			
220 V	60 V	150	40	25	15	15	15	15	40	55	100			
220 V	100 V	150	40	27	17	17	17	17	40	65				
220 V	200 V	150	40	26	40	40	16	40	35	65				
1000 V	200 V	150	50	30	20	20	20	20	50	65				
1000 V	600 V	150	50	30	26	26	26	26	45	65				
1000 V	1000 V	150	50	26	20	20	26	26	45	65				

INDEX E. LISTING OF CALIBRATION LABORATORIES BY NVLAP LAB CODE - continued

NVLAP Code/ Parameters	Frequency	Best Uncertainty ( $\pm$ ) <sup>note 1</sup>	Range
20/E01 AC/DC Difference for High Frequency Thermal Voltage Converters			
	50 kHz	0.01 %	.05 through 100 volt units
	1 MHz	0.05 %	.05 through 100 volt units
	2 MHz	0.05 %	3 volt unit
	10 MHz	0.1 %	.05 through 100 volt units
	20 MHz	0.15 %	2, 3, and 20 volt units
	20 MHz	0.2 %	0.5, 1, 5, 10, 30, 50, and 100 volt units
	30 MHz	0.2 %	.05 through 100 volt units
	50 MHz	0.5 %	.05 through 100 volt units
	100 MHz	1.0 %	.05 through 100 volt units

NVLAP Code: 20/E09  
LF AC Voltage

Best Uncertainty in ppm ( $\pm$ )<sup>note 1</sup>

Frequency in Hertz

Range	10	20	40	100	1k	10k	10k	50k	100k	300k	500k	300k	1 M
2 mV	1000	1000	500	500	800	800	800	800	1000	1300	1000	2000	2000
6 mV	500	500	500	500	500	500	300	300	300	500	500	500	500
10 mV	300	150	150	150	150	150	150	300	300	500	300	700	700
20 mV	250	200	150	130	130	130	130	300	300	500	700	1000	1000
60 mV	220	50	50	55	55	55	55	130	150	250	300	500	300
100 mV	150	75	50	42	42	30	30	66	130	200	300	300	700
200 mV	120	50	55	42	42	42	42	45	100	150	250	350	350
600 mV	170	50	30	25	25	25	25	40	62	110	110	150	180
1 V	160	50	30	15	15	15	15	38	50	110	130	180	180
2 V	160	50	30	13	13	13	13	38	50	150	130	180	180
6 V	160	50	30	13	13	13	13	38	50	110	130	180	180
10 V	160	50	30	18	18	18	18	38	50	150	150	180	180
20 V	160	50	30	18	18	18	18	38	50	110	130	180	180
60 V	160	50	30	22	22	22	22	45	60	110			
100 V	160	50	35	22	22	22	22	45	60				

INDEX E. LISTING OF CALIBRATION LABORATORIES BY NVLAP LAB CODE - continued

Range	10	20	40	100	1k	10k	10k	50k	100k	300k	500k	800k	1 M
200 V	160	50	35	22	22	22	22	50	70				
600 V	160	40	40	32	32	32	32	50	70				
1000 V	160	60	40	25	25	30	30	50	80				

NVLAP Code/ Parameters	Range	Best Uncertainty ( $\pm$ ) <sup>note 1</sup>	Remarks
20/E05 DC Current			
	to 19 $\mu$ A	12 ppm	Calibrators or DMMs
	100 $\mu$ A to 190 $\mu$ A	5 ppm	Calibrators or DMMs
	1.0 mA to 1.9 mA	5 ppm	Calibrators or DMMs
	10 mA to 19 mA	12 ppm	Calibrators or DMMs
	100 mA to 190 mA	12 ppm	Calibrators or DMMs
	1.0 A to 1.9 A	15 ppm	Calibrators or DMMs
	10 A	30 ppm	Calibrators or DMMs

NVLAP Code: 20/E02  
AC Current

Best Uncertainty in ppm ( $\pm$ )<sup>note 1</sup> for Calibrators or DMMs

Frequency

Current	10Hz	20Hz	40Hz	400Hz	1kHz	5kHz	10kHz
19 $\mu$ A	250	200	200	200	200	200	200
100 $\mu$ A	200	80	50	60	60	50	60
100 $\mu$ A	200	80	50	50	50	50	60
1 mA	200	80	50	50	50	50	50
1.9 mA	150	80	40	30	30	30	40
10 mA	360	130	80	110	80	110	110
19 mA	360	120	75	110	80	115	110
190 mA	360	130	80	115	80	115	115
190 mA	360	120	80	115	70	115	115
1.0 A			140	160	160	160	200
1.9 A			140	160	160	160	200
10 A			110	160	100	160	200



INDEX E. LISTING OF CALIBRATION LABORATORIES BY NVLAP LAB CODE - continued

NVLAP Code: 20/E01

AC/DC Difference for Low Frequency Thermal Current Converters and Shunts

Best Uncertainty ( $\pm$ )<sup>note 1</sup>

Frequency in Hertz

Range	10	20	40	400	1k	5k	10k	20k	50k	100k
10 mA				0.01				0.01	0.015	0.025
20 mA	0.031	0.01	0.005	0.01	0.005	0.01	0.01	0.01	0.015	0.025
30 mA				0.01				0.01	0.015	0.025
50 mA				0.01				0.01	0.015	0.025
0.1 A				0.01				0.01	0.015	0.025
0.2 A	0.031	0.01	0.005	0.01	0.005	0.01	0.01	0.01	0.015	0.025
0.3 A				0.01				0.01	0.015	0.025
0.5 A				0.01				0.01	0.015	0.025
1.0 A				0.01				0.01	0.015	0.025
2.0 A			0.01	0.01	0.01	0.01	0.01	0.01	0.015	0.025
3.0 A				0.01				0.01	0.015	0.025
5.0 A				0.01				0.01	0.015	0.025
10.0 A			0.01	0.015	0.01	0.015	0.015	0.016	0.025	
20.0 A				0.015				0.015	0.025	

NVLAP Code/ Parameters	Range in ohms	Best Uncertainty ( $\pm$ ) <sup>note 1</sup>	Remarks
20/E05 DC Resistance			
	0.001 to <0.01	1.5 ppm	
	0.01 to <1	0.6 ppm	
	1 to <11	0.4 ppm	
	11 to <110	0.45 ppm	
	110 to <190	0.55 ppm	
	190 to <11 k	0.5 ppm	
	11 k to <19 k	0.55 ppm	
	19 k to <110 k	0.5 ppm	
	110 k to <1.1 M	1.4 ppm	
	1.9 M	5 ppm	

<i>NVLAP Code/ Parameters</i>	<i>Range in ohms</i>	<i>Best Uncertainty (<math>\pm</math>)<sup>note 1</sup></i>	<i>Remarks</i>
	10 M	6 ppm	
	19 M	7 ppm	
	100 M	25 ppm	

- 
1. Represents an expanded uncertainty at a level of confidence of 99%; coverage factor *k* is determined by the test statistics.
  2. Approximate value. Actual value determined by the test statistics.

NVLAP LAB CODE 105017-0

## LOCKHEED MARTIN MISSILES &amp; SPACE

1111 Lockheed Way, P.O. Box 3504

Bldg. 195A, Org. 48-70

Sunnyvale, CA 94089-3504

Contact: Dr. Klaus B. Jaeger

Phone: 408-756-0270 Fax: 408-742-4435

Accreditation Valid Through: December 31, 1997

<i>NVLAP Code/ Parameters</i>	<i>Range</i>	<i>Best Uncertainty (<math>\pm</math>)<sup>note 1</sup></i>	<i>Remarks</i>
<b>ELECTROMAGNETIC - DC/LOW FREQUENCY</b>			
20/E06 DC Voltage			
<b>AJJ</b>			
	10.0 volts	0.0097 ppm	Intrinsic Standard
<b>ZENERS</b>			
	10.0 volts	0.014 ppm	Primary Transfer Set
	1.0 volt	0.110 ppm	Primary Transfer Set
	1.018 volts	0.102 ppm	Primary Transfer Set
	10.0 volts	0.2 ppm <sup>note 3</sup>	Commercial/Working Standards
	1.0 volt	0.2 ppm <sup>note 3</sup>	Commercial/Working Standards
	1.018 volts	0.2 ppm <sup>note 3</sup>	Commercial/Working Standards
<b>STANDARD REFERENCE (TRANSVOLT)</b>			
	1.018 volts	0.9 ppm <sup>note 3</sup>	Commercial/Working Standards
20/E05 DC Resistance			
	Quantum Hall Effect	0.014 ppm	Intrinsic Standard
	6453.20175 ohms	0.090 ppm	Primary Transfer Set
	1 ohm	0.126 ppm	Primary Reference Transfer
	10k ohms	0.176 ppm	Primary Reference Transfer
	0.001 ohms	0.84 ppm	Primary Reference
	0.01 ohms	0.84 ppm	Primary Reference

INDEX E. LISTING OF CALIBRATION LABORATORIES BY NVLAP LAB CODE - continued

NVLAP Code/ Parameters	Range	Best Uncertainty ( $\pm$ ) <sup>note 1</sup>	Remarks
	0.1 ohms	0.92 ppm	Primary Reference
	1.0 ohms	0.143 ppm	Primary Reference
	10.0 ohms	0.156 ppm	Primary Reference
	100.0 ohms	0.204 ppm	Primary Reference
	1k ohms	0.271 ppm	Primary Reference
	10k ohms	0.193 ppm	Primary Reference
	100k ohms	1.20 ppm	Primary Reference
	1M ohms	1.90 ppm	Primary Reference

Value	Secondary (ppm)		Working Sets (ppm)		
	Set I	Set II	AC/DC I	AC/DC II	Bridge
Cal Medium	Oil	Oil	Oil	Oil	Air
Use Medium	Air	Oil	Air	Air	Air
0.0001 ohms	-	-	-	-	50
0.001 ohms	2.41	-	0.52	-	50
0.01 ohms	1.55	-	1.99	-	50
0.1 ohms	1.61	-	1.04	-	50
1.0 ohms	0.58	0.33	0.35	0.20	50
10.0 ohms	0.40	0.40	0.54	0.87	50
100.0 ohms	0.60	0.32	1.12	1.49	50
1k ohms	0.68	0.38	4.11	1.31	50
10k ohms	0.77	0.68	1.53	1.89	50
10k ohms	-	0.42 <sup>note 2</sup>	-	-	-
100k ohms	2.44	1.33	4.57	1.17	50
1M ohms	4.00	-	4.98	7.93	-



<b>DIMENSIONAL</b>			
20/D03 Gage Blocks			
He-Ne Laser			
	633 nm	0.0007 ppm	Intrinsic Standard
<b>NPL-TESA INTERFEROMETER</b>			
	0.01 - 12 in	(10.6+0.16(mm))nm	Primary Transfer Set
<b>GAGE BLOCK SETS</b>			
	5.0 - 12 in	1.5 - 4 $\mu$ in	Primary Reference Transfer
	0.01 - 12 in	1 - 4 $\mu$ in	Primary Reference
	0.3 - 100 mm	25 - 38 nm	Primary Reference
	0.01 - 12 in	1.5 - 5.5 $\mu$ in	Commercial/Working Standard
	16 - 20 in	8 $\mu$ in	Commercial/Working Standard
	0.3 - 100 mm	38 - 50 nm	Commercial

1. Represents an expanded uncertainty using a coverage factor,  $k=1$
2. Cal medium = air, Use medium = air
3. Approximate value. Actual value determined by the test statistics.

NVLAP LAB CODE 105018-0

**CDRH X-RAY CALIBRATION LABORATORY**

12720 Twinbrook Parkway, HFZ-143

Rockville, MD 20857

Contact: Mr. Frank Cerra

Phone: 301-443-2536 x23 Fax: 301-443-9101

E-mail: fxc@fdadr.cdrh.fda.gov

Accreditation Valid Through: December 31, 1997

This facility has demonstrated compliance with the NVLAP Criteria for Calibration Laboratories under the field of Ionizing Radiation for the following:

<i>Procedures/Instruments</i>	<i>Radiation Types</i>
Calibration of Survey Instruments	X-ray Beam Codes M30, M50, L80, L100, and M100 over the Exposure Rate Range 2 mR/s to 100 mR/s, and the H50 Beam Code over the range 0.5 mR/h to 4 mR/s, with total uncertainty in the reference field value of $\pm 5$ percent.
Calibration of Instruments for Diagnostic Level	X-ray Beam Codes M20, M30, M50, L80, L100, and M100 over the Exposure Rate Range 2 mR/s to 100 mR/s, with total uncertainty in the reference field value of $\pm 3$ percent.
Calibration of Reference-Class Instruments	X-ray Beam Codes M20, M30, M50, L80, L100, and M100 over the Exposure Rate Range 2 mR/s to 100 mR/s, with total uncertainty in the reference field value of $\pm 3$ percent.

**PACIFIC NORTHWEST LABORATORY**

Battelle Boulevard  
 P.O. Box 999  
 Richland, WA 99352  
 Contact: Mr. R. Kim Piper  
 Phone: 509-376-6187 Fax: 509-376-1992  
 E-mail: rk\_piper@pnl.gov

Accreditation Valid Through: December 31, 1997

This facility has demonstrated compliance with the NVLAP Criteria for Calibration Laboratories under the field of Ionizing Radiation for the following:

<i>Calibration Categories</i>	<i>Radiation Type or Beam Code</i>	<i>Energy (keV)</i>	<i>Intensity Range</i>	<i>Accuracy Goal</i>
<b>CALIBRATION OF SURVEY INSTRUMENTS</b>				
B.1 (Gamma)	Am-241	60	130 mR/h <sup>note 1</sup>	4% (> 10mR/h)
	Cs-137	660	1-3x10 <sup>5</sup> mrem/h	4% (> 10mR/h)
	Co-60	1250	0.4-3000 rem/h	4% (> 10mR/h)
B.2 (X-ray)	M30	29	3.2-326 R/h	4% (> 10 mR/h)
	M50	29	3.4-350 R/h	4% (> 10 mR/h)
	S60	36	0.6-119 R/h	4% (> 10 mR/h)
	S75	39	4.6-472 R/h	4% (> 10 mR/h)
	M150	51	1.5-305 R/h	4% (> 10 mR/h)
	M150	70	3.8-391 R/h	4% (> 10 mR/h)
	H150	120	0.12-16.5 R/h	4% (> 10 mR/h)
B.3 (Beta)	Pm-147	60 E <sub>av</sub>	3 mrad/h <sup>note 1</sup>	8%
	Tl-204	260 E <sub>av</sub>	22, 2800 mrad/h <sup>note 1</sup>	8%
	Sr/Y-90	800 E <sub>av</sub>	560, 22000 mrad/h <sup>note 1</sup>	8%
B.4 (Neutron)	Cf-252 Bare	2000 E <sub>av</sub>	0.040-24 rem/h	8%
	Cf-252 Mod	500 E <sub>av</sub>	0.010-6 rem/h	8%

INDEX E. LISTING OF CALIBRATION LABORATORIES BY NVLAP LAB CODE - continued

<i>Calibration Categories</i>	<i>Radiation Type or Beam Code</i>	<i>Energy (keV)</i>	<i>Intensity Range</i>	<i>Accuracy Goal</i>
<b>IRRADIATION OF PERSONNEL DOSIMETERS</b>				
C.1 (Gamma)	Am-241	60	130 mR/h <sup>note 1</sup>	3% (> 10 mR/h)
	Cs-137	660	1-3x10 <sup>5</sup> mrem/h	3% (> 10 mR/h)
	Co-60	1250	0.4-3000 rem/h	3% (> 10 mR/h)
C.2 (X-ray)	M30	20	3.2-326 R/h	3% (> 10 mR/h)
	M50	20	3.4-350 R/h	3% (> 10 mR/h)
	S60	36	0.6-119 R/h	3% (> 10 mR/h)
	S75	36	4.6-472 R/h	3% (> 10 mR/h)
	M100	51	1.5-305 R/h	3% (> 10 mR/h)
	M100	70	3.8-391 R/h	3% (> 10 mR/h)
	H150	120	0.12-16.5 R/h	3% (> 10 mR/h)
C.3 (Neutron)	Cf-252 Bare	2000 E <sub>av</sub>	0.040-24 rem/h	5%
	Cf-252 Mod	500 E <sub>av</sub>	0.010-6 rem/h	5%
C.4 (Beta)	Tl-204	260 E <sub>av</sub>	22, 2800 mrad/h <sup>note 1</sup>	5%
	Sr/Y-90	800 E <sub>av</sub>	560, 2200 mrad/h <sup>note 1</sup>	5%

1. Calibrated and used at a fixed distance.



**INSTRON FORCE CALIBRATION LABORATORY**

100 Royall Street  
 Canton, MA 02021  
 Contact: Dr. Anatoly Perlov  
 Phone: 617-575-5479 Fax: 617-575-5767

Accreditation Valid Through: September 30, 1997

<i>NVLAP Code/ Parameters</i>	<i>Range</i>	<i>Best Uncertainty (<math>\pm</math>)<sup>notes 1,2,3</sup></i>	<i>Remarks</i>
<b>MECHANICAL</b>			
20/M06			
Force	Applied Force in Pounds		
	0.1 to 130000	0.005 %	Primary Standard
	130000 to 240000	0.005 %	Secondary Standard

1. Represents an expanded uncertainty using a coverage factor, k=2
2. Uncertainty of the voltage ratio for electrical instruments is <0.1 microvolt per volt
3. Uncertainty of the measured value is determined by the statistics of the test and the artifact tested but are typically better than  $\pm 0.05\%$  for class AA instruments,  $\pm 0.25\%$  for class A instruments and  $\pm 0.1\%$  for class A1 instruments.

NVLAP LAB CODE: 200038-0

WEBBER GAGE DIVISION / L.S. STARRETT CO.

24500 Detroit Road

Cleveland, OH 44145

Contact: Mr. David Friedel

Phone: 216-835-0001 Fax: 216-892-9555

Accreditation Valid Through: December 31, 1997

<i>NVLAP Code/ Parameters</i>	<i>Range</i>	<i>Best Uncertainty (<math>\pm</math>)<sup>note 1,2</sup></i>	<i>Remarks</i>
<b>DIMENSIONAL</b>			
20/D03			
Gage Blocks	thru 1.0 in	1.4 $\mu$ in	Master Grade Calibration
	1.0 thru 4.0 in	2.1 $\mu$ in	Master Grade Calibration

1. Represents an expanded uncertainty using a coverage factor, k=2.
2. Approximate value. Actual value determined by the test statistics.

# *NIST* Technical Publications

## *Periodical*

---

**Journal of Research of the National Institute of Standards and Technology**—Reports NIST research and development in those disciplines of the physical and engineering sciences in which the Institute is active. These include physics, chemistry, engineering, mathematics, and computer sciences. Papers cover a broad range of subjects, with major emphasis on measurement methodology and the basic technology underlying standardization. Also included from time to time are survey articles on topics closely related to the Institute's technical and scientific programs. Issued six times a year.

## *Nonperiodicals*

---

**Monographs**—Major contributions to the technical literature on various subjects related to the Institute's scientific and technical activities.

**Handbooks**—Recommended codes of engineering and industrial practice (including safety codes) developed in cooperation with interested industries, professional organizations, and regulatory bodies.

**Special Publications**—Include proceedings of conferences sponsored by NIST, NIST annual reports, and other special publications appropriate to this grouping such as wall charts, pocket cards, and bibliographies.

**National Standard Reference Data Series**—Provides quantitative data on the physical and chemical properties of materials, compiled from the world's literature and critically evaluated. Developed under a worldwide program coordinated by NIST under the authority of the National Standard Data Act (Public Law 90-396). NOTE: The Journal of Physical and Chemical Reference Data (JPCRD) is published bimonthly for NIST by the American Chemical Society (ACS) and the American Institute of Physics (AIP). Subscriptions, reprints, and supplements are available from ACS, 1155 Sixteenth St., NW, Washington, DC 20056.

**Building Science Series**—Disseminates technical information developed at the Institute on building materials, components, systems, and whole structures. The series presents research results, test methods, and performance criteria related to the structural and environmental functions and the durability and safety characteristics of building elements and systems.

**Technical Notes**—Studies or reports which are complete in themselves but restrictive in their treatment of a subject. Analogous to monographs but not so comprehensive in scope or definitive in treatment of the subject area. Often serve as a vehicle for final reports of work performed at NIST under the sponsorship of other government agencies.

**Voluntary Product Standards**—Developed under procedures published by the Department of Commerce in Part 10, Title 15, of the Code of Federal Regulations. The standards establish nationally recognized requirements for products, and provide all concerned interests with a basis for common understanding of the characteristics of the products. NIST administers this program in support of the efforts of private-sector standardizing organizations.

*Order the following NIST publications—FIPS and NISTIRs—from the National Technical Information Service, Springfield, VA 22161.*

**Federal Information Processing Standards Publications (FIPS PUB)**—Publications in this series collectively constitute the Federal Information Processing Standards Register. The Register serves as the official source of information in the Federal Government regarding standards issued by NIST pursuant to the Federal Property and Administrative Services Act of 1949 as amended, Public Law 89-306 (79 Stat. 1127), and as implemented by Executive Order 11717 (38 FR 12315, dated May 11, 1973) and Part 6 of Title 15 CFR (Code of Federal Regulations).

**NIST Interagency Reports (NISTIR)**—A special series of interim or final reports on work performed by NIST for outside sponsors (both government and nongovernment). In general, initial distribution is handled by the sponsor; public distribution is by the National Technical Information Service, Springfield, VA 22161, in paper copy or microfiche form.

U.S. DEPARTMENT OF COMMERCE  
National Institute of Standards and Technology  
National Voluntary Laboratory Accreditation Program (NVLAP)  
Building 820, Room 282  
Gaithersburg, MD 20899

Official Business

Penalty for Private Use \$300

FORWARDING AND RETURN POSTAGE GUARANTEED  
ADDRESS CORRECTION REQUESTED

Special Fourth-Class Rate  
Postage & Fees Paid  
NIST  
Permit No. G195

1000  
Abby Pr...  
NIST  
Library