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NIST Special Publication 815

Directory of State and Local Government Laboratory Accreditation/Designation Programs

Charles W. Hyer, Editor

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Directory of State and Local Government Laboratory Accreditation/Designation Programs

Charles W. Hyer, Editor

Office of Standards Code and Information
National Institute of Standards
and Technology
Gaithersburg, MD 20899
(Supersedes NBS GCR 84–472)

July 1991



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FOREWORD

This directory is a guide to laboratory accreditation and similar types of programs conducted by state and local government agencies. These programs accredit or designate laboratories or other entities to conduct testing to assist the agencies in carrying out their responsibilities. This accreditation or designation is based on some type of assessment regarding the capability of the laboratory to conduct the testing. However, the nature of such assessments varies considerably from agency to agency.

Laboratory accreditation and related efforts provide some assurance regarding the technical proficiency and competence of an entity to assess a product's or service's conformance to a set of prescribed standards. Many sectors of the economy may be interested in laboratory accreditation and related programs for a variety of economic, procurement, safety, or other considerations. Mutual acceptance of laboratory test results between states, local jurisdictions, and at the national and international levels can also serve as a basis for increased opportunities for trade.

This directory is an update of information contained in NBS GCR 84-472, ***Principal Aspects of U.S. Laboratory Accreditation Systems.*** This directory identifies pertinent state and local government laboratory accreditation/designation programs and notes the appropriate contact points within each agency and should be a valuable reference for all who operate, use, or rely on laboratory services. Entries in this directory are based primarily on information provided by each agency and reflect the agency's view of its activities. Parties interested in this area may also wish to review NISTIR 4576, ***Laboratory Accreditation in the United States***, an introduction to the topic of laboratory accreditation, and NIST SP 808, ***Directory of Federal Government Laboratory Accreditation/Designation Programs***, a summary of programs conducted by the federal government.

ACKNOWLEDGMENTS

This directory is based on my earlier publications in the field with the format expanded to be consistent with "NIST Special Publication 808, ***Directory of Federal Government Laboratory Accreditation/Designation Programs***", edited by Maureen Breitenberg. Both John Donaldson and Maureen Breitenberg of NIST's Office of Standard Services have provided important help and cooperation while monitoring this effort for NIST.

Special thanks are due to Nancy Trahey and the National Voluntary Laboratory Accreditation Program (NVLAP) staff for their support in preparing this document, as well as to Ruth Schreiber of Schreiber's Quality Word Processing Services, for her help in compiling this directory and managing all aspects of information processing, and to all the program officials who provided the information contained in this directory, without which this publication would not have been possible.

Charles W. Hyer
Editor

ABSTRACT

This directory is a guide to laboratory accreditation and similar types of programs conducted by state and local government agencies. These programs accredit or designate laboratories or other entities to conduct testing to assist the agencies in carrying out their responsibilities. This accreditation or designation is based on some type of assessment regarding the capability of the laboratory to conduct the testing. However, the nature of such assessments varies considerably from agency to agency.

Entries in this directory are based primarily on information provided by each state and local government agency and reflect the agency's view of its activities. Parties interested in this area may also wish to review NIST SP 808, ***Directory of Federal Government Laboratory Accreditation/Designation Programs***, which contains information on similar programs conducted at the federal level.

The publication of this directory is part of ongoing NIST efforts to establish and maintain comprehensive information on standards, regulations, laboratory accreditation and certification programs and related information. This material answers the needs of government, industry, and the public for information on state and local government laboratory accreditation and related programs.

Key Words: accreditation; certification; designation; laboratory accreditation; laboratory designation; listing; proficiency testing; qualified laboratories; quality systems; standards; testing

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INTRODUCTION

BACKGROUND

Laboratory[1] accreditation has taken on increased significance worldwide as international recognition and acceptance of national accreditation bodies have assumed greater importance in the reduction of technical barriers to trade. Laboratory accreditation provides varying degrees of assurance of the technical proficiency and competence of a laboratory to assess a product's or service's conformance to a set of prescribed standards[2] While laboratory accreditation and product/service certification are two distinct areas, and not all laboratory accreditation programs are associated with a certification program, they are closely related. The competence of laboratories which perform the required testing within a certification or approval (e.g., building codes) system is as vital in securing acceptance of the results of that certification/approval as is the adequacy of the standards on which the certification is based. The effects of laboratory accreditation, product or service certification, producer[3] quality system assessment and registration by an assessment body[4] are intertwined and together, (and now recognized under the term conformity assessment), can serve as a basis for increased or diminished opportunities for international trade.

PURPOSE OF THIS DIRECTORY

This directory is designed to provide information on State, local and municipal laboratory accreditation and similar type programs (systems) which designate a set of laboratories or other entities to conduct testing to assist State, local and municipal agencies in carrying out their responsibilities. The systems or programs include an assessment regarding the capability of the laboratory to conduct the testing. The type and degree of such assessments, however, vary greatly by the program. It should be noted that the entries in this directory are based primarily on previously published information, and information provided by the State, local or municipal agency and reflect the agency's view of its activities. Parties interested in this area may also wish to review **NIST *Directory of U.S. Private Sector Product Certification Programs***, which contains information on a number of closely related programs, many of which are conducted primarily for recognition and use by State, local and municipal regulatory and procurement agencies.

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[1]Guide 25-1990 *General Requirements for the Competence of Calibration and Testing Laboratories* of the International Organization for Standardization (ISO) provides the definition "laboratory: Body that calibrates and/or tests." It further notes: "1) In cases where a laboratory forms part of an organization that carries out other activities besides calibration and testing, the term 'laboratory' refers only to those parts of that organization that are involved in the calibration and testing process. 2) As used herein, the term 'laboratory' refers to a body that carries out calibration or testing -at or from a permanent location, -at or from a temporary facility, or -in or from a mobile facility."

[2]Guide 2-1986 of the ISO notes that: "The term laboratory accreditation may cover the recognition of both the technical competence and the impartiality of a testing laboratory or only its technical competence. Accreditation is normally awarded following successful laboratory assessment and is followed by appropriate surveillance".

[3]ANSI Z34.1-1987 *Third-Party Certification Program* and its companion ANSI Z34.2-1987 *Self-Certification by Producer or Supplier* provides the definition "Producer. The manufacturer, distributor, supplier or other party providing the product or service who is responsible for assuring conformity to all requirements of the referenced standards or specifications."

[4]Guide 48-1986 *Guidelines for Third-party Assessment and Registration of a Supplier's Quality System* define an "assessment body" as "Third-party body which assesses and registers the Quality Systems of suppliers with respect to published Quality Systems Standards."

The accreditation/designation programs in this directory are conducted by State, local and municipal government for both products and services (e.g., inspection and certification of installations). Each entry contains a description of the program, information on the date that the program was initiated, the authority under which the program is conducted, the fields of testing being accredited or designated (employing where applicable **ASTM 1224-88** ***Standard Guide for Categorizing Fields of Testing for Laboratory Accreditation Purposes***), the products directly or indirectly affected by the testing, program requirements, availability of related publications, and other information.

Directory Format

The State agency entries in this directory are organized by State, City and local government. Agency entries are listed separately and grouped by State. Appendix I contains several indices, including a product index. A description of the format used for each entry is contained in Appendix II.

Programs or systems included within this directory are updated or newly acquired listings based primarily on the 1984 publication, ***Principal Aspects of U.S. Laboratory Accreditation Systems.***[5]

Program Differences

Requirements for State and local government laboratory accreditation/designation programs vary substantially. State programs arising from primacy responsibilities assumed from the Federal Environmental Protection Agency (EPA) tend to include a review of documentation on aspects of an organization's structure; personnel; equipment and facilities; equipment calibration and maintenance procedures; quality control program; record keeping procedures; availability and use of operational/quality manuals; content and quality of actual test reports; testing conditions, methods and procedures; and/or sample handling and selection procedures; on-site inspection of the laboratory's equipment and facilities, and/or the use of a proficiency testing program.[6] Whereas, State, local and municipal programs intended to designate laboratories that identify products and equipment regulated through adoption of codes (requiring product conformity to specified standards and specifications) concentrate on initial reviews and have few program follow-up or monitoring requirements.

Other State and local government laboratory accreditation and designation programs arise from the adoption of National Fire Protection Association (NFPA) national consensus standards and codes, such as the National Electrical Code (NEC). Certain of these standards required product testing, safety evaluations, and approvals (or certifications) by a "Nationally Recognized Testing Laboratory (NRTL)" in order for specified products (equipment, materials or installations) to be acceptable for installation or use. However, the original NFPA standards did not define "Nationally Recognized Testing Laboratory." Nevertheless, elsewhere in NFPA documents, various organizations were listed as NRTLs, including Underwriters Laboratories (UL), and Factory Mutual Research (FM). Programs to add new laboratories to those traditionally named as NRTLs became a major motivation for the establishment of accreditation/designation programs. Therefore, just as no surveillance requirement was included in the acceptance of UL, FM and other NRTLs, few such requirements exist in the programs intended to identify additional laboratories as having essentially the same capabilities as UL, FM and certain other "grandfathered" NRTLs.

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[5]NBS-GCR-84-472 *Principal Aspects of U.S. Laboratory Accreditation Systems - Revised 1984*, Charles W. Hyer, Editor, National Bureau of Standards, Department of Commerce, Gaithersburg, MD 20899.

[6]Laboratory proficiency testing is defined by ISO Guide 2 as: "*Determination of Laboratory Testing Performance by Means of Interlaboratory Test Comparisons.*"

The adoption of other model building codes requiring product conforming to these codes has generated additional programs to accept laboratories and/or laboratory data regarding product conformity.

Included in the documentation submitted by laboratories in support of their application are other State, local or municipal accreditations or Code Body generated evaluation reports which act as influential recommendations. However, each State and local authority having jurisdiction has final responsibility for its own accreditations/designations. In general, the requirements of each program have been tailored to meet the agency's specific needs, but the reader should not assume that comparable programs, even those conducted by cities with the same State, will include the same types or number of assessment procedures or will provide similar assurance regarding a laboratory's competency.

The following chart summarizes the number and types of assessment criteria and procedures required by 21 State (S) and 11 local, municipal (LM) government laboratory accreditation/designation type programs identified in this directory:

	REQUIREMENT	NO. OF PROGRAMS WITH REQUIREMENT			
		Yes		No	
		(S)	(LM)	(S)	(LM)
1.	Submission of Appropriate Documentation	21	11	0	0
2.	Independence (No Conflict-of-Interest)	16	11	5	0
3.	Financial Stability	2	0	19	11
4.	On-site Inspection	14	1	7	10
5.	Staff Qualification	21	10	0	1
6.	Adequate QA System	21	11	0	0
7.	Sample Control/Integrity	21	10	0	1
8.	Recordkeeping Requirements	21	10	0	1
9.	Test Report Content/Format	14	7	7	4
10.	Available Operational Manuals/Instruction	18	3	3	8
11.	Periodic Random Re-audit of Facilities	4	0	17	11
12.	Periodic Scheduled Re-audit of Facilities	5	0	16	11
13.	Participation in Proficiency Testing Program	9	0	12	11
14.	Adequacy of Facilities & Equipment	21	11	0	0
15.	Equipment Maintenance/Calibration	17	8	4	3

All or most State and local, municipal government have independence (no conflict-of-interest), equipment, facility, and personnel requirements. However, while two-thirds of the State programs have on-site inspection requirements, only one of the eleven local and municipal government agencies reported has such a requirement. Periodic random, periodic scheduled or participation in proficiency testing is required by a few State programs, but no local or municipal program reported such a follow-up procedure.

The most notable difference between programs is that some accredit or designate laboratories in specific areas (such as testing drinking water or milk) or for specific test methods, while others designate laboratories over several fields of testing, each of which encompasses a broad range of tests.

Unlike federal programs described in NIST Special Publication 808, ***Directory of Federal Government Laboratory Accreditation/Designation Programs***, independence (no conflict-of-interest) is an important eligibility requirement for State, local and municipal government accreditation and designation programs.

Acceptance of Accreditation Program Results by Other State, Local and Municipal Government Agencies

Accreditation by some State laboratory accreditation programs can be useful in helping a laboratory gain accreditation by other State, local and municipal governments. This is also true for participation in the NIST National Voluntary Laboratory Accreditation (NVLAP) program, and acceptance by laboratory evaluation programs of model code bodies. However, it should be noted that other than the programs being named in legislation (i.e., Connecticut's requirement for NVLAP participation by construction materials testing laboratories), each State, local or municipal agency accredits or designates its own list of acceptable laboratories.

Directory Changes

All agencies listed in the NBS GCR 84-472, as well as over 100 new state and local government agencies identified through various sources, were contacted. The response rate for new contacts was low, even though each organization was contacted several times for information. One possible reason for the low response rate is that the State and local government agencies did not perceive their activities as falling within the scope of, or meeting the requirements for, classification as a laboratory accreditation/designation activity.

State, local and municipal agencies are encouraged to notify NIST of any changes in their laboratory accreditation programs or of new programs. Such information should be sent to:

Office of Standards Code and Information
National Institute of Standards and Technology
Administration Building, Room A629
Gaithersburg, MD 20899
(301) 975-4031

Other References

Received: 10/90

Department/Agency: ALABAMA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
1751 - W.L. Dickinson Drive
Montgomery, Alabama 36109

Phone: 205-271-7791
Fax: 205-271-7950

System Title: Safe Drinking Water Act Certification.

Date Established: 1977.

Description: Requires certification for all laboratories performing analyses under the Safe Drinking Water Act.

Fields of Testing: Biological, Chemical and Ionizing Radiation.

Products Tested: Drinking Water.

Standards/Test Methods: Current EPA and Alabama Clean Water Standards, voluntary standards where applicable as test methods, etc.

Assessment Criteria/Procedures: The criteria/procedures used by the program to ensure the competence of a laboratory/inspection agency to conduct a test or set of tests, including:

Submission of Appropriate Documentation	x
Independence (No Conflict-of-Interest)	
Financial Stability	
On-site Inspection	x
Staff Qualification Requirements	x
Adequate Q.A. System	x
Sample Control/Integrity Requirements	x
Recordkeeping Requirements	x
Test Report Content/Format Requirements	
Available Operational Manuals/Instructions	x
Periodic Random Re-audit of Facilities	
Periodic Scheduled Re-audit of Facilities	x
Participation in a Proficiency Testing Program	x
Adequacy of Facilities and Equipment	x
Equipment Maintenance/Calibration Requirements	
Other:	

Other Information: Criteria contained in EPA Manual for the Certification of Laboratories Analyzing Drinking Water EPA/570/9-90/008, April 1990 is also used.

Accreditation Terminology: Complying laboratories referred to as certified laboratories.

Compliance: Mandatory for drinking water.

Authority:	Alabama accepted primacy under the Safe Drinking Water Act (P.L. 93-523).
Fees:	A $200 initial application fee is charged. No annual fees.
Accreditation Action Frequency:	Every 6 months.
Assessors:	Professional chemist staff of Alabama Department of Environmental Management Laboratories conduct all assessment.
Proficiency Testing Program:	U.S. EPA proficiency testing performance evaluation samples, analysis by Alabama Department of Environmental Management laboratories.
Appeal Procedure:	Normal State due process appeal mechanism.
Publications:	Program application and proficiency testing analysis data.
Logo:	None for laboratory use.
No. of Labs:	Eleven (11).
Availability of Accreditation:	Open to all laboratories, foreign and domestic with facilities in Alabama.
List/Directory of Accredited Labs:	List of Laboratories approved for drinking water analyses is available.
International Recognition Agreements:	None.
Other Recognition:	Alabama accepts other state or EPA certification if other state recognizes Alabama certification - reciprocity.

Received: 4/91

Department/Agency: CALIFORNIA DEPARTMENT OF HOUSING AND COMMUNITY DEVELOPMENT
Division of Codes and Standards
1800 Third Street
Sacramento, California 95812-1407

Phone: 916-445-9471
Fax: 916-327-4712

System Title: Approval or Listing of Testing and Inspection Agencies.

Date Established: 1986.

Description: Approval of standard plan for accessory structures or buildings; foundation systems for mobile homes and commercial coaches and earth quake bracing system - which must be tested and/or inspected and/or certified by a listed testing/inspection agency.

Fields of Testing: Acoustic/Vibration Measurement, Chemical, Construction Materials, Electrical, and Mechanical.

Products Tested: Accessory structures of buildings such as awnings, cabanas, carports, etc.; mobile home foundations and certification of earth quake bracing systems.

Standards/Test Methods: Division of Codes and Standards - Referenced Standard, Test Methods.

Assessment Criteria/Procedures: The criteria/procedures used by the program to ensure the competence of a laboratory/inspection agency to conduct a test or set of tests, including:

Submission of Appropriate Documentation	x
Independence (No Conflict-of-Interest)	x
Financial Stability	
On-site Inspection	x
Staff Qualification Requirements	x
Adequate Q.A. System	x
Sample Control/Integrity Requirements	x
Recordkeeping Requirements	x
Test Report Content/Format Requirements	x
Available Operational Manuals/Instructions	x
Periodic Random Re-audit of Facilities	
Periodic Scheduled Re-audit of Facilities	
Participation in a Proficiency Testing Program	
Adequacy of Facilities and Equipment	x
Equipment Maintenance/Calibration Requirements	x
Other:	

Other Information:	Systems requirements are comparable to those contained in the Standard Practice for Preparation of Criteria for Use in Evaluation of Testing Laboratories and Inspection Bodies ASTM E548.
Accreditation Terminology:	Listed Testing/Inspection Agencies.
Compliance:	Mandatory.
Authority:	CAC, Title 25, Chapter 2, Subchapter 1.
Fees:	Yes.
Accreditation Action Frequency:	Annual.
Assessors:	Staff of Department of Housing and Community Development as qualified by activity assessed.
Proficiency Testing Program:	None.
Appeal Procedure:	Procedures of Department of Housing and Community Development - State Administrative Procedures.
Publications:	Listed Labs.
Logo:	A number is issued to each listed testing inspection agency or laboratory.
No. of Labs:	Fifteen (15) as of April 1991.
Availability of Accreditation:	Open to Independent (No Conflict-of-Interest) Laboratories.
List/Directory of Accredited Labs:	Listed Labs.
International Recognition Agreements:	None.
Other Recognition:	None.

Received: 4/91

Department/Agency: CALIFORNIA STATE AND CONSUMER SERVICES AGENCY
State Fire Marshal
7171 Bowling Drive, Suite 600
Sacramento, California 95823
ATTN: Duane Mathews

Phone: 916-427-4161
Fax: 916-466-4161

System Title: Approval of Inspection and Labeling Agency.

Date Established: 1983.

Description: Approval of inspection and labeling agencies for California State Fire Marshal Listed Products.

Fields of Testing: Electrical, Mechanical, and Thermal.

Products Tested: California State Fire Marshal Listed Products. Fire Prevention Devices such as fire alarm systems and building materials.

Standards/Test Methods: California State Fire Marshal (CSFM).

Assessment Criteria/Procedures: The criteria/procedures used by the program to ensure the competence of a laboratory/inspection agency to conduct a test or set of tests, including:

Submission of Appropriate Documentation	x
Independence (No Conflict-of-Interest)	x
Financial Stability	
On-site Inspection	
Staff Qualification Requirements	x
Adequate Q.A. System	x
Sample Control/Integrity Requirements	x
Recordkeeping Requirements	x
Test Report Content/Format Requirements	x
Available Operational Manuals/Instructions	x
Periodic Random Re-audit of Facilities	
Periodic Scheduled Re-audit of Facilities	
Participation in a Proficiency Testing Program	
Adequacy of Facilities and Equipment	x
Equipment Maintenance/Calibration Requirements	x
Other:	

Other Information: Systems requirements are comparable to those contained in the Standard Practice for Preparation of Criteria for Use in Evaluation of Testing Laboratories and Inspection Bodies ASTM E548.

Accreditation Terminology: Approved Agencies.

Compliance:	Voluntary.
Authority:	State and Consumer Services Agency.
Fees:	Yes.
Accreditation Action Frequency:	Review based on CSFM experience. Frequency of review depends upon the experience of the CSFM with the laboratory.
Assessors:	Staff of California State Fire Marshal (CSFM).
Proficiency Testing Program:	None.
Appeal Procedure:	Appeals procedures of State and Consumer Services Agency.
Publications:	List of Inspection and Labeling Agencies.
Logo:	CSFM - Labels used must be of the self-destruct (non-removable) type or read "void if removed."
No. of Labs:	Fifteen (15) estimated as of April 1991.
Availability of Accreditation:	Open to Independent (No Conflict-of-Interest) Laboratories.
List/Directory of Accredited Labs:	List of Inspection and Labeling Agencies.
International Recognition Agreements:	None.
Other Recognition:	None.

Received: 4/91

Department/Agency: CONNECTICUT STATE DEPARTMENT OF PUBLIC HEALTH
LABORATORY APPROVAL AND REGISTRATION PROGRAM
Laboratory Division
Connecticut Department of Health Services
P.O. Box 1689
Hartford, Connecticut 06101

Phone: 203-566-3896
Fax: None.

System Title: Connecticut State Department of Public Health Laboratory Approval and Registration Program.

Date Established: Prior to 1960.

Description: The approval and registration of private and municipal laboratories in the state as public health laboratories for the examination of air, water, sewage, and trade wastes, as well as dairy products, some foods, and pesticides. Licensed laboratories using dogs for research purposes.

Fields of Testing: Biological and Chemical.

Products Tested: Food and edible products, Agricultural products (except food), Chemical compounds and allied products (excluding human medicinals), Veterinary products; disinfectants and other biocides, Water, air, components of the environment.

Standards/Test Methods: Environmental Protection Agency (U.S.) and State standards and specifications and referenced testing and examination procedures.

Assessment Criteria/Procedures: The criteria/procedures used by the program to ensure the competence of a laboratory/inspection agency to conduct a test or set of tests, including:

Submission of Appropriate Documentation	x
Independence (No Conflict-of-Interest)	x
Financial Stability	
On-site Inspection	x
Staff Qualification Requirements	x
Adequate Q.A. System	x
Sample Control/Integrity Requirements	x
Recordkeeping Requirements	x
Test Report Content/Format Requirements	x
Available Operational Manuals/Instructions	x
Periodic Random Re-audit of Facilities	
Periodic Scheduled Re-audit of Facilities	
Participation in a Proficiency Testing Program	x
Adequacy of Facilities and Equipment	x
Equipment Maintenance/Calibration Requirements	x
Other:	

Other Information:	Systems requirements are comparable to those contained in the Standard Practice for Preparation of Criteria for Use in Evaluation of Testing Laboratories and Inspection Bodies ASTM E548.
Accreditation Terminology:	Complying laboratories said to be "Approved."
Compliance:	Mandatory.
Authority:	The Connecticut Public Health Codes Sections 19-13-A 27 through 38. rules and Regulations for Medical/Biological Teaching, Research and Study.
Fees:	None.
Accreditation Action Frequency:	On-site review is a function of formal application verification, and proficiency sampling is a follow-up procedure. Re-registration biannually, approval based on the laboratory's adherence to all regulations and the laboratory's performance in the State proficiency evaluation program.
Assessors:	State laboratory personnel perform assessments.
Proficiency Testing Program:	Proficiency sampling based on State laboratory procedures.
Appeal Procedure:	No special provision included.
Publications:	List of Laboratories and descriptive program literature.
Logo:	None.
No. of Labs:	Two hundred (200) estimated as of April 1991.
Availability of Accreditation:	Open to all U.S. laboratories.
List/Directory of Accredited Labs:	List of Laboratories and descriptive program literature.
International Recognition Agreements:	None.
Other Recognition:	None.

Received: 4/91

Department/Agency: CONNECTICUT DEPARTMENT OF PUBLIC SAFETY
Division of State Police, Bureau of State Fire Marshal
294 Colony Street
Meriden, Connecticut 06450-2098

Phone: 203-238-6011
Fax: None.

System Title: Approval of Testing Laboratories.

Date Established: 1979.

Description: Approval of testing laboratories for testing and listing of electrical equipment and apparatus, and for gas fired appliances.

Fields of Testing: Chemical, Electrical, Mechanical, and Thermal.

Products Tested: Electrical and gas fired products and equipment.

Standards/Test Methods: As referenced in State Adopted Codes and Standards.

Assessment Criteria/Procedures: The criteria/procedures used by the program to ensure the competence of a laboratory/inspection agency to conduct a test or set of tests, including:

Submission of Appropriate Documentation	x
Independence (No Conflict-of-Interest)	x
Financial Stability	
On-site Inspection	x
Staff Qualification Requirements	x
Adequate Q.A. System	x
Sample Control/Integrity Requirements	x
Recordkeeping Requirements	x
Test Report Content/Format Requirements	x
Available Operational Manuals/Instructions	x
Periodic Random Re-audit of Facilities	
Periodic Scheduled Re-audit of Facilities	
Participation in a Proficiency Testing Program	
Adequacy of Facilities and Equipment	x
Equipment Maintenance/Calibration Requirements	x
Other:	

Other Information: Systems requirements are comparable to those contained in the Standard Practice for Preparation of Criteria for Use in Evaluation of Testing Laboratories and Inspection Bodies ASTM E548.

Accreditation Terminology: Laboratory Approval and/or Recognition.

Compliance:	Voluntary.
Authority:	Building Code Administrative Committee.
Fees:	None.
Accreditation Action Frequency:	Frequency of review depends upon the experience of the department with the laboratory, and/or changes in laboratory personnel or structure.
Assessors:	Staff of State Building Inspector.
Proficiency Testing Program:	None.
Appeal Procedure:	Departmental appeals procedures and State appeals procedures.
Publications:	None.
Logo:	None.
No. of Labs:	Five (5) as of April 1991.
Availability of Accreditation:	Open to Independent (No Conflict-of-Interest) Laboratories.
List/Directory of Accredited Labs:	List of Laboratories.
International Recognition Agreements:	None.
Other Recognition:	None.

Received: 4/91

Department/Agency: FLORIDA BOARD OF PROFESSIONAL ENGINEERS (BOARD)
DEPT. OF PROFESSIONAL REGULATIONS (DEPARTMENT)
Florida, Testing Laboratory Authorization Program
1940 North Montgomery Street
Tallahassee, Florida 32399-0755

Phone: 904-488-9912
Fax: None.

System Title: Testing Laboratory Registration Rules.

Date Established: 1983.

Description: To register and regulate all of the activities of testing laboratories concerning engineering documents and reports produced for public record or for delivery to a person outside the corporation so that they meet standards of quality set forth in the statutes and rules governing the practice of engineering.

Fields of Testing: Acoustic/Vibration Measurement, Construction Materials, Electrical, Geotechnical, Mechanical, Metrology, Nondestructive, Optics and Photometry, and Thermal Testing.

Products Tested: All products on which reports are produced for the public record under rules governing the practice of engineering in building construction and materials.

Standards/Test Methods: All standards and tests methods, voluntary and/or mandatory which involve engineering activities as defined in the rule, such as American Society for Testing and Materials (ASTM) E-329-77 "Recommended Practice for Inspection and Testing Agencies for Concrete, Steel, and Bituminous Materials Used in Construction."

Assessment Criteria/Procedures: The criteria/procedures used by the program to ensure the competence of a laboratory/inspection agency to conduct a test or set of tests, including:

Submission of Appropriate Documentation	x
Independence (No Conflict-of-Interest)	x
Financial Stability	
On-site Inspection	
Staff Qualification Requirements	x
Adequate Q.A. System	x
Sample Control/Integrity Requirements	x
Recordkeeping Requirements	x
Test Report Content/Format Requirements	
Available Operational Manuals/Instructions	x
Periodic Random Re-audit of Facilities	
Periodic Scheduled Re-audit of Facilities	
Participation in a Proficiency Testing Program	
Adequacy of Facilities and Equipment	x
Equipment Maintenance/Calibration Requirements	x
Other:	

Other Information:	Systems requirements are comparable to those contained in the Standard Practice for Preparation of Criteria for Use in Evaluation of Testing Laboratories and Inspection Bodies ASTM E548.
Accreditation Terminology:	Registered Testing Laboratory.
Compliance:	Mandatory for testing laboratories operating in the State of Florida.
Authority:	Rule 21 H-18.11 of the Board of Professional Engineers.
Fees:	Biannual fee.
Accreditation Action Frequency:	Biannual Filing.
Assessors:	Assessments are made by the staff of the Board.
Proficiency Testing Program:	None.
Appeal Procedure:	Due process appeals of the Department.
Publications:	Registered testing laboratories are listed under Responsible Professional Engineers.
Logo:	None.
No. of Labs:	Not available as of April 1991.
Availability of Accreditation:	Open to all U.S. laboratories with offices in Florida.
List/Directory of Accredited Labs:	Included with list of Responsible Professional Engineers.
International Recognition Agreements:	None.
Other Recognition:	None.

Received: 4/91

Department/Agency: FLORIDA OFFICE OF STATE FIRE MARSHAL
Larson Building
Tallahassee, Florida 32304

Phone: 904-488-8268
Fax: None.

System Title: Listing as a nationally recognized testing laboratory.

Date Established: 1986.

Description: To accept products listed by nationally recognized testing laboratories meeting standard acceptance to the Florida State Fire Marshal.

Fields of Testing: Chemical, Construction Materials, Electrical, Mechanical, and Thermal.

Products Tested: Products requiring safety standards such as those in National Electrical Code References. Electrical appliances and Equipment.

Standards/Test Methods: Southern Building Code and Referenced Codes and Standards.

Assessment Criteria/Procedures: The criteria/procedures used by the program to ensure the competence of a laboratory/inspection agency to conduct a test or set of tests, including:

Submission of Appropriate Documentation	x
Independence (No Conflict-of-Interest)	x
Financial Stability	
On-site Inspection	
Staff Qualification Requirements	x
Adequate Q.A. System	x
Sample Control/Integrity Requirements	x
Recordkeeping Requirements	x
Test Report Content/Format Requirements	x
Available Operational Manuals/Instructions	x
Periodic Random Re-audit of Facilities	
Periodic Scheduled Re-audit of Facilities	
Participation in a Proficiency Testing Program	
Adequacy of Facilities and Equipment	x
Equipment Maintenance/Calibration Requirements	x
Other:	

Other Information: Systems requirements are comparable to those contained in the Standard Practice for Preparation of Criteria for Use in Evaluation of Testing Laboratories and Inspection Bodies ASTM E548.

Accreditation Terminology: Recognized Testing Laboratory.

Compliance:	Voluntary.
Authority:	State Fire Marshal - State Building Code and Adopted References.
Fees:	None.
Accreditation Action Frequency:	Frequency of review depends upon the experience of the office with the laboratory.
Assessors:	State Fire Marshal technically qualified staff.
Proficiency Testing Program:	None.
Appeal Procedure:	State of Florida Administrative Procedures.
Publications:	None.
Logo:	None.
No. of Labs:	Six (6) as of April 1991.
Availability of Accreditation:	Open to all Independent (No Conflict-of-Interest) Laboratories.
List/Directory of Accredited Labs:	None.
International Recognition Agreements:	None.
Other Recognition:	None.

Received: 10/90

Department/Agency: FLORIDA STATE SOLAR COLLECTOR CERTIFICATION PROGRAM
300 State Road 401
Cape Canaveral, Florida 32920

Phone: 407-783-0300
Fax: 407-783-2571

System Title: Florida State Solar Collector Certification Program.

Date Established: 1977.

Description: Approval of solar collector ratings as a State of Florida mandatory program with laboratory accreditation of firms which provide necessary test services.

Fields of Testing: Mechanical, Optics and Photometry, and Thermal.

Products Tested: Solar collectors, solar systems, photovoltaic modules and systems.

Standards/Test Methods: Requirements employ the ASHRAE 93-77 and ASHRAE 96-1980 voluntary concensus standard and referenced documentation as modified by the Florida detailed specifications.

Assessment Criteria/Procedures: The criteria/procedures used by the program to ensure the competence of a laboratory/inspection agency to conduct a test or set of tests, including:

Submission of Appropriate Documentation	x
Independence (No Conflict-of-Interest)	x
Financial Stability	x
On-site Inspection	x
Staff Qualification Requirements	x
Adequate Q.A. System	x
Sample Control/Integrity Requirements	x
Recordkeeping Requirements	x
Test Report Content/Format Requirements	x
Available Operational Manuals/Instructions	x
Periodic Random Re-audit of Facilities	x
Periodic Scheduled Re-audit of Facilities	
Participation in a Proficiency Testing Program	
Adequacy of Facilities and Equipment	x
Equipment Maintenance/Calibration Requirements	x
Other:	

Other Information: The program employs essentially the ASTM E548, "Standard Practice for Preparation of Criteria for Use in the Evaluation of Testing Laboratories and Inspection Bodies" as guidelines.

Accreditation Terminology: Nationally Certified Laboratories, Laboratory Acceptance.

Compliance:	Voluntary as to laboratories, but mandatory for products intended for Florida installation.
Authority:	State Statute.
Fees:	No Fee is required to participate.
Accreditation Action Frequency:	Non-Scheduled. Reports constitute the principal means of monitoring other laboratory capability requirements.
Assessors:	The professional staff of the Florida Solar Energy Center.
Proficiency Testing Program:	None is presently employed.
Appeal Procedure:	Due process appeals of Florida Administrative Procedures.
Publications:	List of Program Requirements, Florida State Solar Code.
Logo:	None.
No. of Labs:	One as of October 1, 1990.
Availability of Accreditation:	Open to all domestic laboratories.
List/Directory of Accredited Labs:	List of Nationally Certified (Acceptance) Laboratories.
International Recognition Agreements:	None.
Other Recognition:	None.

Received: 4/91

Department/Agency: KENTUCKY CABINET FOR NATURAL RESOURCES AND ENVIRONMENT PROTECTION
Microbiological Analysis and Contaminant Groups
Analysis of Public Water Supplies
Division of Water, Bureau of Environmental Protection
Kentucky Cabinet for Natural Resources - Certification Section 1049
U.S. Highway 127 South, Annex Bldg., Suite 2
Frankfort, Kentucky 40601

Phone: 502-564-3358
Fax: None.

System Title: Certification of laboratories for water contaminants and analysis.

Date Established: 1974 and 1977.

Description: Accreditation of laboratories for inorganic and organic contaminant groups and microbiological analysis of public water supplies. Accredited laboratories can also conduct analyses of air pollution.

Fields of Testing: Biological, Chemical, and Ionizing Radiation.

Products Tested: Chemicals, water, air, (contaminants and analysis components of the environment).

Standards/Test Methods: Handbook for Evaluating Water Bacteriological Laboratories, EPA-670/9-75-006, August 1975. Standard Methods for the Examination of Water and Wastewater. Methods for Chemical Analysis of Water and Wastes, EPA-600/4-79-020.

Assessment Criteria/Procedures: The criteria/procedures used by the program to ensure the competence of a laboratory/inspection agency to conduct a test or set of tests, including:

Submission of Appropriate Documentation	x
Independence (No Conflict-of-Interest)	
Financial Stability	
On-site Inspection	x
Staff Qualification Requirements	x
Adequate Q.A. System	x
Sample Control/Integrity Requirements	x
Recordkeeping Requirements	x
Test Report Content/Format Requirements	x
Available Operational Manuals/Instructions	x
Periodic Random Re-audit of Facilities	
Periodic Scheduled Re-audit of Facilities	x
Participation in a Proficiency Testing Program	x
Adequacy of Facilities and Equipment	x
Equipment Maintenance/Calibration Requirements	x
Other:	

Other Information:	Systems requirements are comparable to those contained in the Standard Practice for Preparation of Criteria for Use in Evaluation of Testing Laboratories and Inspection Bodies ASTM E548.
Accreditation Terminology:	Complying Laboratories referred to as "Certified."
Compliance:	Mandatory for public water supply analysis laboratories and any private/commercial laboratory doing contract work for public water supplies, and private/commercial laboratories wishing to submit acceptable analytical results to the Kentucky Cabinet for Natural Resources and Environmental Protection.
Authority:	Kentucky Cabinet for Natural Resources and Environmental Protection pursuant to Kentucky Public and Semi-public Drinking Water Supplies Regulation (401 KAR 6:015) and related to KRS 224.
Fees:	Yes.
Accreditation Action Frequency:	Documentation must remain updated and in conformance to formal requirements. Initially, annual reviews and on-site visits are scheduled; continued on-site visits depend on results of initial annual reviews.
Assessors:	Qualified staff of the Division of Water, Drinking Water Supply Branch, Kentucky Cabinet for Natural Resources and Environmental Protection.
Proficiency Testing Program:	Yes, EPA's Performance Evaluation Program.
Appeal Procedure:	Detailed in plan requirements as approved by U.S. EPA.
Publications:	Certified Laboratory Semi-Annual Listing.
Logo:	None.
No. of Labs:	Sixty (60) as of April 1991.
Availability of Accreditation:	Open to Independent (No Conflict-of-Interest) Laboratories, and all U.S. Laboratories.
List/Directory of Accredited Labs:	Certified Laboratory Semi-Annual Listing.
International Recognition Agreements:	None.
Other Recognition:	None.

Received: 4/91

Department/Agency: MASSACHUSETTS DEPARTMENT OF PUBLIC SAFETY
Board of Fire Prevention Regulations
One Ashburton Place, 13th Floor
Boston, Massachusetts 02108

Phone: 617-727-3200
Fax: None.

System Title: Recognition for Testing Facilities for Testing and Listing of Electrical Equipment and Apparatus.

Date Established: 1979.

Description: Recognition of testing laboratories capable of testing and listing of products called out in the applicable sections and provisions of Massachusetts Electrical Code.

Fields of Testing: Chemical, Electrical, Mechanical, and Thermal.

Products Tested: Electrical equipment and apparatus.

Standards/Test Methods: Described in or referenced in the Massachusetts Electrical Code.

Assessment Criteria/Procedures: The criteria/procedures used by the program to ensure the competence of a laboratory/inspection agency to conduct a test or set of tests, including:

Submission of Appropriate Documentation	x
Independence (No Conflict-of-Interest)	x
Financial Stability	
On-site Inspection	
Staff Qualification Requirements	x
Adequate Q.A. System	x
Sample Control/Integrity Requirements	x
Recordkeeping Requirements	x
Test Report Content/Format Requirements	
Available Operational Manuals/Instructions	x
Periodic Random Re-audit of Facilities	
Periodic Scheduled Re-audit of Facilities	
Participation in a Proficiency Testing Program	
Adequacy of Facilities and Equipment	x
Equipment Maintenance/Calibration Requirements	
Other:	

Other Information: Systems requirements are comparable to those contained in the Standard Practice for Preparation of Criteria for Use in Evaluation of Testing Laboratories and Inspection Bodies ASTM E548.

Accreditation Terminology:	Laboratories referred to as "Recognized" or "Acceptable."
Compliance:	Voluntary.
Authority:	Article 90-6 of the Massachusetts Electrical Code.
Fees:	None.
Accreditation Action Frequency:	Changes in laboratories must be reported - reassessment based on experience.
Assessors:	Staff of the Board of Fire Prevention Regulations.
Proficiency Testing Program:	None.
Appeal Procedure:	Board appeal through State due process.
Publications:	None.
Logo:	None.
No. of Labs:	Eight (8) as of April 1991.
Availability of Accreditation:	Open to Independent (No Conflict-of-Interest) Laboratories.
List/Directory of Accredited Labs:	List of Acceptable Laboratories.
International Recognition Agreements:	None.
Other Recognition:	None.

Received: 4/91

Department/Agency: MASSACHUSETTS STATE BUILDING CODE COMMISSION
CONCRETE MATERIALS TESTING
LABORATORY ACCREDITATION
Division of Inspections, Department of Public Safety
One Ashburton Place, Room 1301
Boston, Massachusetts 02108

Phone: 617-727-3200
Fax: None.

System Title: Accreditation of Concrete Materials Testing Laboratories.

Date Established: 1978.

Description: The licensing of all laboratories defined by the regulations as Testing Laboratories Branch Laboratories, and Project Laboratories which are engaged in the testing of concrete or concrete materials for use in buildings and structures subject to control according to state provisions.

Fields of Testing: Chemical, Construction Materials, and Mechanical.

Products Tested: Building constructions (including foundation) materials.

Standards/Test Methods: All standards and specifications called for by the State Building Code and/or project approval specifications and all referenced test procedures.

Assessment Criteria/Procedures: The criteria/procedures used by the program to ensure the competence of a laboratory/inspection agency to conduct a test or set of tests, including:

Submission of Appropriate Documentation	x
Independence (No Conflict-of-Interest)	x
Financial Stability	
On-site Inspection	
Staff Qualification Requirements	x
Adequate Q.A. System	x
Sample Control/Integrity Requirements	x
Recordkeeping Requirements	x
Test Report Content/Format Requirements	
Available Operational Manuals/Instructions	x
Periodic Random Re-audit of Facilities	
Periodic Scheduled Re-audit of Facilities	
Participation in a Proficiency Testing Program	
Adequacy of Facilities and Equipment	x
Equipment Maintenance/Calibration Requirements	
Other:	

Other Information: Systems requirements are comparable to those contained in the Standard Practice for Preparation of Criteria for Use in Evaluation of Testing Laboratories and Inspection Bodies ASTM E548.

Accreditation Terminology:	Laboratories referred to as "Accredited" Laboratories.
Compliance:	Mandatory for covered functions of testing.
Authority:	Chapter 802 of the Acts of 1972 creating the Massachusetts State Building Code.
Fees:	Yes.
Accreditation Action Frequency:	Annual reapplication by the laboratories is required. Complete re-examination and evaluation of the laboratory is performed at a maximum interval of three years.
Assessors:	Staff of Inspection Department.
Proficiency Testing Program:	NIST Concrete Reference Laboratory (CCRL) Program membership required.
Appeal Procedure:	Prior to suspension, revocation, or refusal to renew the license of an accredited laboratory, written notice of such intent is served giving ten days to respond requesting a conference. Further appeals may be made to the Building Code Appeals Board.
Publications:	Necessary requirements of program.
Logo:	None.
No. of Labs:	Twenty-Two (22) as of April 1991.
Availability of Accreditation:	Open to Independent (No Conflict-of-Interest) Laboratories.
List/Directory of Accredited Labs:	List of Accredited Laboratories.
International Recognition Agreements:	None.
Other Recognition:	None.

Received: 4/91

Department/Agency: NEW HAMPSHIRE OFFICE OF FIRE MARSHAL,
ELECTRICIAN BOARD
P.O. Box 646
Concord, New Hampshire 03302

Phone: 603-271-3748
Fax: None.

System Title: Acceptance of Product Safety Testing.

Date Established: Revision April 1988.

Description: Acceptance of testing laboratories for the purpose of identifying product conforming to state code.

Fields of Testing: Chemical, Electrical and Thermal.

Products Tested: Products required to be tested by the New Hampshire State Fire Code, electrical appliances - equipment - building materials.

Standards/Test Methods: Those called out and referenced in the New Hampshire State Fire Code.

Assessment Criteria/Procedures: The criteria/procedures used by the program to ensure the competence of a laboratory/inspection agency to conduct a test or set of tests, including:

Submission of Appropriate Documentation	x
Independence (No Conflict-of-Interest)	x
Financial Stability	
On-site Inspection	
Staff Qualification Requirements	x
Adequate Q.A. System	x
Sample Control/Integrity Requirements	x
Recordkeeping Requirements	x
Test Report Content/Format Requirements	
Available Operational Manuals/Instructions	
Periodic Random Re-audit of Facilities	
Periodic Scheduled Re-audit of Facilities	
Participation in a Proficiency Testing Program	
Adequacy of Facilities and Equipment	x
Equipment Maintenance/Calibration Requirements	
Other:	

Other Information: Systems requirements are comparable to those contained in the Standard Practice for Preparation of Criteria for Use in Evaluation of Testing Laboratories and Inspection Bodies ASTM E548. No on-site assessment is made.

Accreditation Terminology: Acceptance of testing laboratories.

Compliance:	Voluntary for laboratories.
Authority:	New Hampshire State Fire Code, Part Fir 101.02 and 101.02(c) - State Fire Marshal.
Fees:	None.
Accreditation Action Frequency:	Frequency of review depends on the experience of the Fire Marshal with the laboratory.
Assessors:	Qualified staff of project review division of State Fire Marshal.
Proficiency Testing Program:	None.
Appeal Procedure:	Departmental procedures and State due process laws.
Publications:	None.
Logo:	None for laboratory use.
No. of Labs:	Five (5) as of April 1991.
Availability of Accreditation:	Open to Independent (No Conflict-of-Interest) Laboratories.
List/Directory of Accredited Labs:	List of Acceptable Laboratories.
International Recognition Agreements:	None.
Other Recognition:	None.

Received: 4/91

Department/Agency: NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION (DEP)
Water Testing Laboratories Accreditation, Quality Assurance Program
Division of Water Resources CN360
Trenton, New Jersey 08625

Phone: 609-292-3950
Fax: None.

System Title: Water Testing Laboratories Accreditation, Quality Assurance Program.

Date Established: 1979.

Description: Accreditation and licensing of laboratories that test water quality for residue and radiological contamination.

Fields of Testing: Biological, Chemical, and Ionizing Radiation.

Products Tested: Water.

Standards/Test Methods: Current EPA and New Jersey Clean Water Standards, voluntary standards, where applicable as referenced test methods, procedures, etc.

Assessment Criteria/Procedures: The criteria/procedures used by the program to ensure the competence of a laboratory/inspection agency to conduct a test or set of tests, including:

Submission of Appropriate Documentation	x
Independence (No Conflict-of-Interest)	
Financial Stability	
On-site Inspection	x
Staff Qualification Requirements	x
Adequate Q.A. System	x
Sample Control/Integrity Requirements	x
Recordkeeping Requirements	x
Test Report Content/Format Requirements	x
Available Operational Manuals/Instructions	x
Periodic Random Re-audit of Facilities	
Periodic Scheduled Re-audit of Facilities	
Participation in a Proficiency Testing Program	x
Adequacy of Facilities and Equipment	x
Equipment Maintenance/Calibration Requirements	x
Other:	

Other Information: Systems requirements are comparable to those contained in the Standard Practice for Preparation of Criteria for Use in Evaluation of Testing Laboratories and Inspection Bodies ASTM E548.

Accreditation Terminology: Certification of Laboratories.

Compliance:	Voluntary.
Authority:	New Jersey Department of Environmental Protection accepted primacy under U.S. EPA Safe Drinking Water Act, and New Jersey implementations.
Fees:	Laboratories pay fee for microbiological testing, a minimum fee for any one chemistry approval, which is increased by the number of procedures for which accreditation is requested with an additional fee schedule for radiological determination accreditations.
Accreditation Action Frequency:	Proficiency testing is a means for annual update and review which is a requirement of the program. Proficiency testing requirements are based on scope of laboratories' accreditation.
Assessors:	Assessments are performed by the professional staff of the Division of Water Resources laboratory.
Proficiency Testing Program:	Annual proficiency sampling based on U.S. EPA and NJ DEP requirements.
Appeal Procedure:	Normal State procedures of due process available.
Publications:	Standards, applications and program requirements are published, as well as a "Manual for the Interim Certification of Laboratories Involved in Analyzing Public Drinking Water Supplies," and Subchapter 8 Fee Schedules, list of Certified Drinking Water Laboratories.
Logo:	None.
No. of Labs:	Three hundred fifty (350) estimated as of April 1991.
Availability of Accreditation:	Open to all U.S. laboratories.
List/Directory of Accredited Labs:	List of Certified Drinking Water Laboratories.
International Recognition Agreements:	None.
Other Recognition:	None.

Received: 3/91

Department/Agency:
NEW YORK HEALTH DEPARTMENT
ENVIRONMENTAL LABORATORY APPROVAL PROGRAM
WCL&R
P.O. Box 509
Albany, New York 12201

Phone: 518-474-8519
Fax: 518-474-6184

System Title: Environmental Laboratory Approval Program.

Date Established: Approximately 1950, revised 1975.

Description: Approves laboratories to test samples from public water supplies in cases where the data generated is to be used to show compliance with the State sanitary code and selected other environmental testing reserved for approved laboratories under the State sanitary code, Evaluation of wastewater laboratories for New York State Department of Environmental Conservation.

Fields of Testing: Biological and Chemical.

Products Tested: Agricultural products (except food), Concentrates, metallic liquors and other process products, chemical compounds and allied products (excluding human medicinals), soaps, detergents, water treatments, veterinary products; disinfectants and other biocides, water, air, components of the environment.

Standards/Test Methods: Department promulgated standards or referenced standards of U.S. EPA, guidelines and standards, test procedures, etc.

Assessment Criteria/Procedures: The criteria/procedures used by the program to ensure the competence of a laboratory/inspection agency to conduct a test or set of tests, including:

Submission of Appropriate Documentation	x
Independence (No Conflict-of-Interest)	
Financial Stability	
On-site Inspection	x
Staff Qualification Requirements	x
Adequate Q.A. System	x
Sample Control/Integrity Requirements	x
Recordkeeping Requirements	x
Test Report Content/Format Requirements	x
Available Operational Manuals/Instructions	x
Periodic Random Re-audit of Facilities	x
Periodic Scheduled Re-audit of Facilities	x
Participation in a Proficiency Testing Program	x
Adequacy of Facilities and Equipment	x
Equipment Maintenance/Calibration Requirements	x
Other:	

Other Information:	Stress is placed on personnel qualifications, however, most follow the guidelines of human resources, physical resources, organizational and quality systems as described in ASTM E548, "Standard Practice for Preparation of Criteria for Use in the Evaluation of Testing Laboratories and Inspection Bodies."
Accreditation Terminology:	Complying laboratories are referred to as "Approved."
Compliance:	Mandatory when regulations employ required use of an approved lab.
Authority:	Public Health Law New York Article 502, New York State Health Rules and Regulations, Title 10, Parts 19.4 and 55-2 & 3.
Fees:	There is a fee to participate set by formula in law.
Accreditation Action Frequency:	Annually.
Assessors:	Staff of Health Department Laboratory.
Proficiency Testing Program:	In effect for bacteriological and chemical testing.
Appeal Procedure:	Normal State due process appeal based on New York State Law.
Publications:	List of Approved Laboratories.
Logo:	None.
No. of Labs:	Eight hundred sixty-eight (868) as of March 12, 1991.
Availability of Accreditation:	Independent (No Conflict-of-Interest) Laboratories and all Domestic Laboratories.
List/Directory of Accredited Labs:	Commercial Laboratories with New York State Approval to Perform Environmental Analyses.
International Recognition Agreements:	None.
Other Recognition:	EPA under the SDWA (Safe Drinking Water Act).

Received: 4/91

Department/Agency: NEW YORK DEPARTMENT OF STATE
OFFICE OF FIRE PREVENTION & CONTROL
DOS/FGT DATA
A1 State Street
Albany, New York 12207-2840

Phone: 518-474-6746
Fax: None.

System Title: Fire Gas Toxicity Data File.

Date Established: December 1986.

Description: Determination of testing agencies acceptable to the Secretary of State to performing combustion toxicity testing of certain building materials mandated by New York State.

Fields of Testing: Biological and Chemical Testing.

Products Tested: Electrical wire insulation and conduit, pipe, duct, and thermal insulation, interior finish and interior floor finish.

Standards/Test Methods: Generally accepted standards applicable to State Building Construction Code.

Assessment Criteria/Procedures: The criteria/procedures used by the program to ensure the competence of a laboratory/inspection agency to conduct a test or set of tests, including:

Submission of Appropriate Documentation	x
Independence (No Conflict-of-Interest)	
Financial Stability	
On-site Inspection	x
Staff Qualification Requirements	x
Adequate Q.A. System	x
Sample Control/Integrity Requirements	x
Recordkeeping Requirements	x
Test Report Content/Format Requirements	x
Available Operational Manuals/Instructions	x
Periodic Random Re-audit of Facilities	
Periodic Scheduled Re-audit of Facilities	
Participation in a Proficiency Testing Program	
Adequacy of Facilities and Equipment	x
Equipment Maintenance/Calibration Requirements	x
Other:	

Other Information: System's requirements are comparable to those contained in the "Standard Practice for Preparation of Criteria for Use in Evaluation of Testing Laboratories and Inspection Bodies" ASTM E548.

Accreditation Terminology:	Acceptable Testing Agencies.
Compliance:	Voluntary for Laboratories.
Authority:	Article 15 Part 1120, New York State Uniform Fire Prevention and Building Code.
Fees:	None.
Accreditation Action Frequency:	Frequency of review depends upon the experience of the office in reviewing data sheets prepared by laboratories and filed by manufacturers.
Assessors:	Appropriately qualified staff of Fire Prevention and Control Division.
Proficiency Testing Program:	None.
Appeal Procedure:	New York State Due Process Appeals.
Publications:	List of Testing Agencies Acceptable to the Secretary of State.
Logo:	None for laboratory use.
No. of Labs:	Seven (7) as of April 1991.
Availability of Accreditation:	Available to all U.S. Labs.
List/Directory of Accredited Labs:	List of Testing Agencies Acceptable to the Secretary of State.
International Recognition Agreements:	None.
Other Recognition:	None.

Received: 10/90

Department/Agency: NORTH CAROLINA DEPARTMENT OF INSURANCE
Engineering Division
P.O. Box 26387
Raleigh, North Carolina 27611

Phone: 919-733-3901
Fax: 919-733-9171

System Title: State of North Carolina; Acceptance of laboratories qualified to provide evidence of safety of electrical and mechanical goods.

Date Established: 1969.

Description: Acceptance of electrical products tested by laboratories accredited by the North Carolina Building Code Council (NCBCC) that can demonstrate capability to test and examine electrical and mechanical products and modular structures, that are required to be approved in accordance with North Carolina Building Code.

Fields of Testing: Construction Materials, Electrical, Mechanical and Thermal.

Products Tested: Building constructions (including foundations), plumbing, carpentry, tile assemblies, miscellaneous trade work, building assemblies, electrical machinery, equipment, supplies and appliances, miscellaneous machinery (engines, turbines).

Standards/Test Methods: Standards are identified in the North Carolina regulations and consist principally of the National Electrical Code and referenced standards and testing methods called out in the adopted standards.

Assessment Criteria/Procedures: The criteria/procedures used by the program to ensure the competence of a laboratory/inspection agency to conduct a test or set of tests, including:

Submission of Appropriate Documentation	x
Independence (No Conflict-of-Interest)	x
Financial Stability	x
On-site Inspection	x
Staff Qualification Requirements	x
Adequate Q.A. System	x
Sample Control/Integrity Requirements	x
Recordkeeping Requirements	x
Test Report Content/Format Requirements	x
Available Operational Manuals/Instructions	x
Periodic Random Re-audit of Facilities	x
Periodic Scheduled Re-audit of Facilities	
Participation in a Proficiency Testing Program	x
Adequacy of Facilities and Equipment	x
Equipment Maintenance/Calibration Requirements	x
Other:	x

Other Information: Generally in keeping with the guidelines suggested in ASTM E548, "Standard Practice for Preparation of Criteria for Use in the Evaluation of Testing Laboratories and Inspection Bodies." Can implement recall procedures in cooperation with local officials.

Accreditation Terminology:	Complying laboratories referred to as "Approved Third Party Agencies."
Compliance:	Voluntary for testing/inspection body. Product approval is mandatory.
Authority:	Laws applicable to electrical contracting in the State of North Carolina - §66-25 and North Carolina Building Code Council, §143-136.
Fees:	Accreditation and Renewal Fees are charged by the agency.
Accreditation Action Frequency:	Annually
Assessors:	North Carolina DOI Engineering Staff; possible participation by NCBCC members.
Proficiency Testing Program:	None currently employed.
Appeal Procedure:	North Carolina laws and regulations after local hearings.
Publications:	None except Code and official documentation.
Logo:	Accepted laboratories may employ their logo as a means of identifying approved product where appropriate.
No. of Labs:	As of September 1990, eight Mechanical & Electrical; five Modular Structures.
Availability of Accreditation:	Open to all laboratories, foreign and domestic.
List/Directory of Accredited Labs:	List of Third Party Agencies.
International Recognition Agreements:	None.
Other Recognition:	None.

Received: 4/91

Department/Agency: OHIO BOARD OF BUILDING STANDARDS
2323 West Fifth Avenue
P.O. Box 825
Columbus, Ohio 43216

Phone: 614-644-2613
Fax: None.

System Title: Accreditation of Testing/Inspection Agencies.

Date Established: 1965.

Description: To establish accreditation of testing/inspection agencies for classification of materials or products, within the Ohio Basic Building Code, to be tested and evaluated, i.e., fire and flammability, etc.; and to further accredit laboratories capable of on-site and job-order construction testing of building construction materials.

Fields of Testing: Chemical, Electrical and Thermal.

Products Tested: Forestry products, Textile mill products (including synthetic and natural fibres and yarns), Plastics; rubbers and resins, Plumbing, carpentry, tile assemblies, miscellaneous trade work, building assemblies, Chemical compounds and allied products (excluding human medicinals).

Standards/Test Methods: Each section of the building code which identifies a required product approval also references the required test/inspection standards and test methods which are to be employed; essentially voluntary body standards and specifications such as those of ASTM.

Assessment Criteria/Procedures: The criteria/procedures used by the program to ensure the competence of a laboratory/inspection agency to conduct a test or set of tests, including:

Submission of Appropriate Documentation	x
Independence (No Conflict-of-Interest)	x
Financial Stability	
On-site Inspection	x
Staff Qualification Requirements	x
Adequate Q.A. System	x
Sample Control/Integrity Requirements	x
Recordkeeping Requirements	x
Test Report Content/Format Requirements	x
Available Operational Manuals/Instructions	x
Periodic Random Re-audit of Facilities	
Periodic Scheduled Re-audit of Facilities	
Participation in a Proficiency Testing Program	x
Adequacy of Facilities and Equipment	x
Equipment Maintenance/Calibration Requirements	x
Other:	

Other Information:	Systems requirements are comparable to those contained in the Standard Practice for Preparation of Criteria for Use in Evaluation of Testing Laboratories and Inspection Bodies ASTM E548.
Accreditation Terminology:	Accredited Laboratories.
Compliance:	Voluntary.
Authority:	Ohio Board of Building Standards.
Fees:	None.
Accreditation Action Frequency:	A 3-year renewal is currently in effect.
Assessors:	Qualified consultants are employed to establish both specific criteria and means of judgement, and perform assessments.
Proficiency Testing Program:	For certain approvals where round-robin testing is available, the laboratory must participate.
Appeal Procedure:	Ohio State administrative rules and procedures.
Publications:	Approved agencies listed in appendix to building code (with tests they have been approved to conduct).
Logo:	None.
No. of Labs:	Fifty (50) estimated as of April 1991.
Availability of Accreditation:	Open to Independent (No Conflict-of-Interest) Laboratories.
List/Directory of Accredited Labs:	Directory of Accredited Electrical Testing Laboratory's Listed Products.
International Recognition Agreements:	None.
Other Recognition:	None.

Received: 4/91

Department/Agency: OREGON BUILDING CODES AGENCY
1535 Edgewater NW
Salem, Oregon 97310

Phone: 503-378-4133; 1-800-242-1371
Fax: 503-378-2322; 503-373-1014

System Title: Testing Laboratory Accreditation.

Date Established: 1974.

Description: To establish laboratories whose tests, standards, and approvals are acceptable on electrical products in the State of Oregon.

Fields of Testing: Electrical and Mechanical.

Products Tested: Electrical machinery, equipment, supplies and appliances; Scientific, optical and professional instruments and supplies.

Standards/Test Methods: Oregon Building Code, Chapter 918, Divisions 250 to 399 - Electrical Standards.

Assessment Criteria/Procedures: The criteria/procedures used by the program to ensure the competence of a laboratory/inspection agency to conduct a test or set of tests, including:

Submission of Appropriate Documentation	x
Independence (No Conflict-of-Interest)	x
Financial Stability	
On-site Inspection	x
Staff Qualification Requirements	x
Adequate Q.A. System	x
Sample Control/Integrity Requirements	x
Recordkeeping Requirements	x
Test Report Content/Format Requirements	x
Available Operational Manuals/Instructions	x
Periodic Random Re-audit of Facilities	
Periodic Scheduled Re-audit of Facilities	x
Participation in a Proficiency Testing Program	x
Adequacy of Facilities and Equipment	x
Equipment Maintenance/Calibration Requirements	x
Other:	

Other Information: Systems requirements are comparable to those contained in the Standard Practice for Preparation of Criteria for Use in Evaluation of Testing Laboratories and Inspection Bodies ASTM E548.

Accreditation Terminology: Complying laboratories referred to as "Approved Testing Laboratories."

Compliance:	Voluntary for Laboratory, but approved Laboratory must be used by manufacturer.
Authority:	Oregon Revised Statute ORS §479.730, §479.740, §479.760.
Fees:	There is no fee to participate, but cost of on-site assessment is borne by Applicant.
Accreditation Action Frequency:	Subject to re-examination when deemed necessary.
Assessors:	Technically qualified representatives of Oregon State Electrical Board.
Proficiency Testing Program:	None.
Appeal Procedure:	Through the Board to State administrative procedures.
Publications:	List of Testing Laboratories Approved by the State of Oregon.
Logo:	None for laboratory use.
No. of Labs:	Twelve (12) as of April 4, 1991.
Availability of Accreditation:	Open to Independent (No Conflict-of-Interest) Laboratories.
List/Directory of Accredited Labs:	List available from Agency on request.
International Recognition Agreements:	None.
Other Recognition:	None.

Received: 3/91

Department/Agency: PENNSYLVANIA, DEPARTMENT OF AGRICULTURE
DIVISION OF MILK SANITATION
LABORATORY APPROVAL PROGRAM
2301 N. Cameron Street
Harrisburg, Pennsylvania 17110-9408

Phone: 717-787-4316
Fax: 717-772-2780

System Title: Division of Milk Sanitation.

Date Established: 1932.

Description: Approval of milk and dairy products testing facilities, sample collection, analysts evaluation, and operations in the Commonwealth of Pennsylvania covering industry, commercial, and regulatory laboratories. Regulatory laboratories such as local Health Department laboratories limited to milk and dairy testing approvals.

Fields of Testing: Biological and Chemical.

Products Tested: Food and edible products (milk).

Standards/Test Methods: Division of Milk Sanitation which in turn has adopted the standards and requirements of the Grade "A" Pasteurized Milk Ordinance - Recommendations of the United Sates Public Health Service/Food and Drug Administration requirements and such other standards that have been similarly recognized such as voluntary bodies' testing procedures, etc.

Assessment Criteria/Procedures: The criteria/procedures used by the program to ensure the competence of a laboratory/inspection agency to conduct a test or set of tests, including:

Submission of Appropriate Documentation	x
Independence (No Conflict-of-Interest)	x
Financial Stability	
On-site Inspection	x
Staff Qualification Requirements	x
Adequate Q.A. System	x
Sample Control/Integrity Requirements	x
Recordkeeping Requirements	x
Test Report Content/Format Requirements	x
Available Operational Manuals/Instructions	
Periodic Random Re-audit of Facilities	
Periodic Scheduled Re-audit of Facilities	x
Participation in a Proficiency Testing Program	x
Adequacy of Facilities and Equipment	x
Equipment Maintenance/Calibration Requirements	x
Other:	

Other Information:	The criteria required by the Federal Food and Drug Administration Laboratory Quality Assurance Program, in addition to on-site review, after application approval, of the analysts and the physical and quality systems of the laboratory. Laboratory director has mandatory requirement to be certified through attending a special course sponsored by the Department of Agriculture at the Pennsylvania State University.
Accreditation Terminology:	Complying laboratories referred to as "Approved."
Compliance:	Mandatory for any laboratory wishing to certify milk or dairy products.
Authority:	Legislation, Commonwealth of Pennsylvania; Certification by the Federal Food and Drug Administration, Laboratory Quality Assurance Program.
Fees:	None.
Accreditation Action Frequency:	Re-qualification is on a 2-year cycle and participation in the split-sample testing program is currently required on an annual basis. Division of Milk Sanitation has the right for any reason to reinspect.
Assessors:	Department of Agriculture certified by FDA.
Proficiency Testing Program:	A split-sample testing program is in use and participation is mandatory to continue a laboratory's accreditation.
Appeal Procedure:	Any action to prevent accreditation or revocation is subject to an automatic prior hearing.
Publications:	List of approved laboratories.
Logo:	None.
No. of Labs:	Fifty-seven (57) as of March 8, 1991.
Availability of Accreditation:	Independent (No Conflict-of-Interest) Laboratories. Accreditation available to local or municipal government labs.
List/Directory of Accredited Labs:	List of Approved Dairy Laboratories is available.
International Recognition Agreements:	None.
Other Recognition:	System is recognized by the FDA for Food Safety Laboratory Quality Assurance Branch, Summit Argo, Illinois. Recognized by all states who participate in the National Conference of Interstate Milk Shippers.

Received: 4/91

Department/Agency: VERMONT DEPARTMENT OF LABOR AND INDUSTRY
Fire Prevention Division, Electrical Licensing Board
269 North Main Street
Rutland, Vermont 05701

Phone: 802-828-2106
Fax: None.

System Title: Electrical Testing and Labeling Laboratory Recognition.

Date Established: 1970.

Description: Recognition of testing laboratories to test and label products conforming to the requirements of adopted codes and standards.

Fields of Testing: Chemical, Electrical, and Thermal.

Products Tested: Electrical and fire prevention building products and components.

Standards/Test Methods: Those contained in adopted building and fire codes and referenced test methods and standards.

Assessment Criteria/Procedures: The criteria/procedures used by the program to ensure the competence of a laboratory/inspection agency to conduct a test or set of tests, including:

Submission of Appropriate Documentation	x
Independence (No Conflict-of-Interest)	x
Financial Stability	
On-site Inspection	
Staff Qualification Requirements	x
Adequate Q.A. System	x
Sample Control/Integrity Requirements	x
Recordkeeping Requirements	x
Test Report Content/Format Requirements	
Available Operational Manuals/Instructions	
Periodic Random Re-audit of Facilities	
Periodic Scheduled Re-audit of Facilities	
Participation in a Proficiency Testing Program	
Adequacy of Facilities and Equipment	x
Equipment Maintenance/Calibration Requirements	
Other:	

Other Information: Systems requirements are comparable to those contained in the Standard Practice for Preparation of Criteria for Use in Evaluation of Testing Laboratories and Inspection Bodies ASTM E548. No on-site assessment is made.

Accreditation Terminology: Recognized Testing Laboratories.

Compliance:	Voluntary for laboratories.
Authority:	Vermont Electricians' Licensing Board.
Fees:	None.
Accreditation Action Frequency:	Frequency of review depends upon the experience of the Electrical Licensing Board with the laboratory.
Assessors:	Qualified staff of Chief Electrical Inspector.
Proficiency Testing Program:	None.
Appeal Procedure:	Departmental procedures - State due process laws.
Publications:	List of Recognized Laboratories and Building Codes.
Logo:	None for laboratory use.
No. of Labs:	Eight (8) as of April 1991.
Availability of Accreditation:	Open to Independent (No Conflict-of-Interest) Laboratories.
List/Directory of Accredited Labs:	List of Recognized Laboratories.
International Recognition Agreements:	None.
Other Recognition:	None.

Received: 10/90

Department/Agency: WASHINGTON, DEPARTMENT OF LABOR AND INDUSTRIES
805 Plum Street, S.E.
P.O. Box 9519
Olympia, Washington 98504-9519

Phone: 206-872-6363
Fax: None.

System Title: Accreditation as an Electrical Testing Laboratory.

Date Established: 1935.

Description: Acceptance of laboratories as nationally recognized in order to approve controlled devices that must be tested, inspected, labeled, or listed by such laboratories to meet the adopted Code of the Labor and Industries Department.

Fields of Testing: Electrical and Mechanical.

Products Tested: Electrical machinery, equipment, supplies and appliances; Scientific, optical and professional instruments and supplies.

Standards/Test Methods: The National Electrical Code as accepted by the American National Standards Institute constitutes the general standards; and the standards, test methods, etc. therein referenced also employed.

Assessment Criteria/Procedures: The criteria/procedures used by the program to ensure the competence of a laboratory/inspection agency to conduct a test or set of tests, including:

Submission of Appropriate Documentation	x
Independence (No Conflict-of-Interest)	x
Financial Stability	
On-site Inspection	x
Staff Qualification Requirements	x
Adequate Q.A. System	x
Sample Control/Integrity Requirements	x
Recordkeeping Requirements	x
Test Report Content/Format Requirements	
Available Operational Manuals/Instructions	x
Periodic Random Re-audit of Facilities	x
Periodic Scheduled Re-audit of Facilities	
Participation in a Proficiency Testing Program	
Adequacy of Facilities and Equipment	x
Equipment Maintenance/Calibration Requirements	x
Other:	

Other Information: System's requirements are comparable to those contained in the "Standard Practice for Preparation of Criteria for Use in Evaluation of Testing Laboratories and Inspection Bodies" ASTM E548.

Accreditation Terminology:	Accredited Electrical Testing Laboratories.
Compliance:	Voluntary for Laboratories.
Authority:	Washington State Electricians and Electrical Installations Law, Chapter 19.28 RCW and the Washington Administrative Code, Chapter 296-402.
Fees:	There is a fee to participate plus expenses of assessors.
Accreditation Action Frequency:	Every 2 years with annual report required.
Assessors:	Technically competent personnel approved by the Board.
Proficiency Testing Program:	None.
Appeal Procedure:	Departmental appeals procedures.
Publications:	List of Accredited Electrical Testing Laboratories.
Logo:	None for laboratory use.
No. of Labs:	Twelve (12) as of January 1991.
Availability of Accreditation:	Available to Independent (No Conflict-of-Interest) Laboratories.
List/Directory of Accredited Labs:	List of Accredited Electrical Testing Laboratories available.
International Recognition Agreements:	None.
Other Recognition:	None.

Received: 4/91

Department/Agency: CALIFORNIA, CITY OF LOS ANGELES
DEPARTMENT OF BUILDING AND SAFETY
City Hall, Room 485
200 N. Spring Street
Los Angeles, California 90012

Phone: 213-485-2301
Fax: None.

System Title: Testing Agency Approval.

Date Established: 1955.

Description: Approval of all laboratories testing electrical and mechanical products whose published listings are recognized by the Department after evidence of compliance to the requirements of the Department.

Fields of Testing: Construction Materials, Electrical, Mechanical, Optics and Photometry, and Thermal.

Products Tested: Glass and glass products, Electrical machinery, equipment, supplies and appliances, Miscellaneous machinery (engines, turbines), Scientific, optical and professional instruments and supplies, Medical, prosthetic, radiation shielding, safety devices and supplies, Sound; noise; vibration: electrical mechanical and plumbing devices.

Standards/Test Methods: Los Angeles Municipal Code.

Assessment Criteria/Procedures: The criteria/procedures used by the program to ensure the competence of a laboratory/inspection agency to conduct a test or set of tests, including:

Submission of Appropriate Documentation	x
Independence (No Conflict-of-Interest)	x
Financial Stability	
On-site Inspection	
Staff Qualification Requirements	x
Adequate Q.A. System	x
Sample Control/Integrity Requirements	x
Recordkeeping Requirements	x
Test Report Content/Format Requirements	
Available Operational Manuals/Instructions	
Periodic Random Re-audit of Facilities	
Periodic Scheduled Re-audit of Facilities	
Participation in a Proficiency Testing Program	
Adequacy of Facilities and Equipment	x
Equipment Maintenance/Calibration Requirements	x
Other:	

Other Information:	Systems requirements are comparable to those contained in the Standard Practice for Preparation of Criteria for Use in Evaluation of Testing Laboratories and Inspection Bodies ASTM E548.
Accreditation Terminology:	Testing Agency Approval.
Compliance:	Voluntary.
Authority:	Section 98.0503 Los Angeles Municipal Code.
Fees:	Yes.
Accreditation Action Frequency:	Annually.
Assessors:	Staff of Department of Building and Safety.
Proficiency Testing Program:	None.
Appeal Procedure:	Department of Building and Safety due process appeals California.
Publications:	Approved Laboratories (Agencies).
Logo:	None.
No. of Labs:	Thirty (30) as of April 1991. In addition, Los Angeles operates its own laboratory for testing and approval services.
Availability of Accreditation:	Open to all Independent (No Conflict-of-Interest) Laboratories.
List/Directory of Accredited Labs:	List of Approved Laboratories.
International Recognition Agreements:	None.
Other Recognition:	None.

Received: 4/91

Department/Agency: CALIFORNIA, CITY OF OAKLAND
DEPARTMENT OF PUBLIC WORKS, ELECTRICAL INSPECTION
One City Hall Plaza
Oakland, California 94612

Phone: 415-273-3341
Fax: None.

System Title: Approval of Electrical Safety Testing Laboratories.

Date Established: 1966.

Description: Approval of testing laboratories to label or list products as conforming to the requirements of the Superintendent of the Electrical Department.

Fields of Testing: Electrical, Mechanical, and Thermal.

Products Tested: Electrical and mechanical, materials, devices and appliances.

Standards/Test Methods: As referenced in the Building Code, City of Oakland.

Assessment Criteria/Procedures: The criteria/procedures used by the program to ensure the competence of a laboratory/inspection agency to conduct a test or set of tests, including:

Submission of Appropriate Documentation	x
Independence (No Conflict-of-Interest)	x
Financial Stability	
On-site Inspection	
Staff Qualification Requirements	x
Adequate Q.A. System	x
Sample Control/Integrity Requirements	x
Recordkeeping Requirements	x
Test Report Content/Format Requirements	
Available Operational Manuals/Instructions	x
Periodic Random Re-audit of Facilities	
Periodic Scheduled Re-audit of Facilities	
Participation in a Proficiency Testing Program	
Adequacy of Facilities and Equipment	x
Equipment Maintenance/Calibration Requirements	x
Other:	

Other Information: Systems requirements are comparable to those contained in the Standard Practice for Preparation of Criteria for Use in Evaluation of Testing Laboratories and Inspection Bodies ASTM E548.

Accreditation Terminology: Approved Laboratories.

Compliance:	Voluntary.
Authority:	City Code Article 6, Section 9-6.03, Standards Adoption.
Fees:	None.
Accreditation Action Frequency:	Frequency of review depends upon the experience of the Electrical Inspection officials with the laboratory.
Assessors:	City Engineer, Electrical Inspectors, City testing laboratory personnel.
Proficiency Testing Program:	None.
Appeal Procedure:	City Charter Procedures, California Administrative due process.
Publications:	Rules, Regulations and Code of City.
Logo:	None.
No. of Labs:	Eight (8) estimated as of April 1991.
Availability of Accreditation:	Open to Independent (No Conflict-of-Interest) Laboratories.
List/Directory of Accredited Labs:	List of Approved Laboratories.
International Recognition Agreements:	None.
Other Recognition:	None.

Received: 4/91

Department/Agency: CALIFORNIA, CITY AND COUNTY OF SAN FRANCISCO
BUREAU OF BUILDING INSPECTION
450 McAllister Street
San Francisco, California 94102

Phone: 415-558-6030
Fax: None.

System Title: Approved Listing Agencies.

Date Established: 1987.

Description: Approval of Listing Agencies to test and list materials and methods of construction.

Fields of Testing: Chemical, Construction Materials Testing, Electrical Testing, and Mechanical Testing.

Products Tested: Electric and gas fired appliances, wood/wood products, solid fuel burning appliances and flues, plumbing, etc.

Standards/Test Methods: Code BC-105-3(a) Sections BC-105-107; EC-90-73, MC-105-107, PC 105, Code Ruling 3C-105-1.

Assessment Criteria/Procedures: The criteria/procedures used by the program to ensure the competence of a laboratory/inspection agency to conduct a test or set of tests, including:

Submission of Appropriate Documentation	x
Independence (No Conflict-of-Interest)	x
Financial Stability	
On-site Inspection	x
Staff Qualification Requirements	
Adequate Q.A. System	x
Sample Control/Integrity Requirements	x
Recordkeeping Requirements	x
Test Report Content/Format Requirements	x
Available Operational Manuals/Instructions	x
Periodic Random Re-audit of Facilities	
Periodic Scheduled Re-audit of Facilities	
Participation in a Proficiency Testing Program	
Adequacy of Facilities and Equipment	x
Equipment Maintenance/Calibration Requirements	x
Other:	

Other Information: Systems requirements are comparable to those contained in the Standard Practice for Preparation of Criteria for Use in Evaluation of Testing Laboratories and Inspection Bodies ASTM E548.

Accreditation Terminology: Approved Listing Agencies.

Compliance:	Voluntary.
Authority:	State, County, City Building Codes.
Fees:	None.
Accreditation Action Frequency:	Determined by experience with agency.
Assessors:	Staff of Building Superintendent.
Proficiency Testing Program:	None.
Appeal Procedure:	Bureau of Building Inspection Procedures - State due process laws.
Publications:	Approved Listing Agencies - Includes Categories of Accepted Listings for Each Agency.
Logo:	None.
No. of Labs:	Nineteen (19) as of September 1990.
Availability of Accreditation:	Open to all Independent (No Conflict-of-Interest) Laboratories.
List/Directory of Accredited Labs:	List of Approved Testing Agencies.
International Recognition Agreements:	None.
Other Recognition:	None.

Received: 4/91

Department/Agency: FLORIDA, METROPOLITAN DADE COUNTY
PRODUCT CONTROL SECTION
Building and Zoning Department
111 Northwest First Street
Miami, Florida 33128

Phone: 305-579-2610
Fax: None.

System Title: Determination of Laboratories Acceptable.

Date Established: 1957.

Description: Approval of essentially all building products that are a permanent part of a building, such as windows, sliding glass doors, roofing material, etc., where applicable products must be tested to appropriate standards and laboratories which provide such data must be approved.

Fields of Testing: Biological, Chemical, Electrical and Mechanical.

Products Tested: Building constructions (including foundations) for hurricane wind resistance, Plumbing, carpentry, tile assemblies, miscellaneous trade work, building assemblies, Electrical machinery, equipment, supplies and appliances, Boilers, pressure vessels, pipework, etc.

Standards/Test Methods: The South Florida Building Code and the standards and test procedures referenced by the Code and/or appropriate standards acceptable to the jurisdiction; i.e., ASTM, AISC, NEMA, AAMA, etc.

Assessment Criteria/Procedures: The criteria/procedures used by the program to ensure the competence of a laboratory/inspection agency to conduct a test or set of tests, including:

Submission of Appropriate Documentation	x
Independence (No Conflict-of-Interest)	x
Financial Stability	
On-site Inspection	
Staff Qualification Requirements	x
Adequate Q.A. System	x
Sample Control/Integrity Requirements	x
Recordkeeping Requirements	x
Test Report Content/Format Requirements	
Available Operational Manuals/Instructions	
Periodic Random Re-audit of Facilities	
Periodic Scheduled Re-audit of Facilities	
Participation in a Proficiency Testing Program	
Adequacy of Facilities and Equipment	x
Equipment Maintenance/Calibration Requirements	x
Other:	

Other Information:	System's requirements are comparable to those contained in the "Standard Practice for Preparation of Criteria for Use in Evaluation of Testing Laboratories and Inspection Bodies" ASTM E548.
Accreditation Terminology:	Laboratory Acceptance.
Compliance:	Voluntary for a laboratory; mandatory for the product manufacturer.
Authority:	Metropolitan Dade County Building and Zoning Department.
Fees:	No laboratory fees.
Accreditation Action Frequency:	No formal cycle.
Assessors:	The staff of the Product Control Section.
Proficiency Testing Program:	None.
Appeal Procedure:	Through Departmental channels and Dade Country Board of Rules and Appeals.
Publications:	None.
Logo:	None.
No. of Labs:	Twelve (12) as of March 1991.
Availability of Accreditation:	Available to Independent (No Conflict-of-Interest) Laboratories.
List/Directory of Accredited Labs:	List of Accredited Electrical Testing Laboratories available.
International Recognition Agreements:	None.
Other Recognition:	None.

Received: 4/91

Department/Agency: GEORGIA, CITY OF ATLANTA
DEPARTMENT OF PLANNING & DEVELOPMENT
Bureau of Buildings, Electrical Inspection Division
P.O. Box 4005
Atlanta, Georgia 30302

Phone: 404-330-6180
Fax: None.

System Title: City of Atlanta, Georgia; Code Compliance Office.

Date Established: 1969 Revised 1977.

Description: To approve agencies that provide an identification symbol and/or label as a recognized testing laboratory and attest to conformance of the labeled electrical product to the requirements of the Building Committee Ordinance of the City of Atlanta.

Fields of Testing: Electrical and Mechanical.

Products Tested: Electrical machinery, equipment, supplies and appliances, Scientific, optical and professional instruments and supplies.

Standards/Test Methods: Statutes of the State of Georgia, the rules and regulations issued by the Building Committee of the City of Atlanta and all standards and specifications contained or referenced therein.

Assessment Criteria/Procedures: The criteria/procedures used by the program to ensure the competence of a laboratory/inspection agency to conduct a test or set of tests, including:

Submission of Appropriate Documentation	x
Independence (No Conflict-of-Interest)	x
Financial Stability	
On-site Inspection	
Staff Qualification Requirements	x
Adequate Q.A. System	x
Sample Control/Integrity Requirements	x
Recordkeeping Requirements	x
Test Report Content/Format Requirements	x
Available Operational Manuals/Instructions	x
Periodic Random Re-audit of Facilities	
Periodic Scheduled Re-audit of Facilities	
Participation in a Proficiency Testing Program	
Adequacy of Facilities and Equipment	x
Equipment Maintenance/Calibration Requirements	
Other:	

Other Information: Systems requirements are comparable to those contained in the Standard Practice for Preparation of Criteria for Use in Evaluation of Testing Laboratories and Inspection Bodies ASTM E548.

Accreditation Terminology:	Approved National Testing Laboratory.
Compliance:	Voluntary.
Authority:	Ordinance to regulate electrical materials, devices, or appliances sold, used, or installed in the city of Atlanta - Sections 8 and 9.
Fees:	None.
Accreditation Action Frequency:	Unless detrimental information is obtained which would require review and reassessment, approval remains until revoked.
Assessors:	Staff of Electrical Inspection Department.
Proficiency Testing Program:	None.
Appeal Procedure:	City of Atlanta Administrative Code.
Publications:	None.
Logo:	None.
No. of Labs:	Eight (8) as of April 1991.
Availability of Accreditation:	Open to Independent (No Conflict-of-Interest) Laboratories.
List/Directory of Accredited Labs:	None.
International Recognition Agreements:	None.
Other Recognition:	None.

Received: 4/91

Department/Agency: ILLINOIS, CITY OF CHICAGO
ELECTRICAL INSPECTION SECTION
Department of Inspectional Services
121 N. LaSalle Street, Room 803
Chicago, Illinois 60602

Phone: 312-744-3460 or 312-744-3461
Fax: None.

System Title: Accreditation as a Recognized, Independent Electrical Testing Laboratory.

Date Established: 1970 Chicago Electrical Code.

Description: To accept as nationally recognized standards testing laboratories, organizations whose testing and listing services are acceptable to the Electrical Commission of the City of Chicago.

Fields of Testing: Electrical, Mechanical and Thermal.

Products Tested: Electrical machinery, equipment, supplies and appliances, Miscellaneous machinery (engines, turbines), Scientific, optical and professional instruments and supplies, Medical, prosthetic, radiation shielding, safety devices and supplies.

Standards/Test Methods: Chicago Electrical Code with its references to other voluntary standards, test procedures, codes, and conformance requirements.

Assessment Criteria/Procedures: The criteria/procedures used by the program to ensure the competence of a laboratory/inspection agency to conduct a test or set of tests, including:

Submission of Appropriate Documentation	x
Independence (No Conflict-of-Interest)	x
Financial Stability	
On-site Inspection	
Staff Qualification Requirements	x
Adequate Q.A. System	x
Sample Control/Integrity Requirements	x
Recordkeeping Requirements	x
Test Report Content/Format Requirements	x
Available Operational Manuals/Instructions	x
Periodic Random Re-audit of Facilities	
Periodic Scheduled Re-audit of Facilities	
Participation in a Proficiency Testing Program	
Adequacy of Facilities and Equipment	x
Equipment Maintenance/Calibration Requirements	x
Other:	

Other Information: System's requirements are comparable to those contained in the "Standard Practice for Preparation of Criteria for Use in Evaluation of Testing Laboratories and Inspection Bodies" ASTM E548.

Accreditation Terminology:	Accredited Laboratory - Nationally Recognized Testing Laboratory.
Compliance:	Voluntary for laboratories. Mandatory for all electrical equipment or products sold or installed in the City of Chicago.
Authority:	Chicago Electrical Code §86-10, §87-100, §88-9.1(a).
Fees:	None.
Accreditation Action Frequency:	On-going monitoring of the laboratory is performed by the Electrical Inspection Section and the Electrical Commission. No formal re-examination is presently in effect.
Assessors:	Electrical Inspection Section and the City of Chicago Electrical Commission.
Proficiency Testing Program:	None.
Appeal Procedure:	Appeals may be made in writing to the City of Chicago Electrical Commission.
Publications:	None.
Logo:	Laboratory's logo shall be employed.
No. of Labs:	Eight (8) as of March 1991.
Availability of Accreditation:	Available to Independent (No Conflict-of-Interest) Laboratories.
List/Directory of Accredited Labs:	List of Accredited Laboratories.
International Recognition Agreements:	None.
Other Recognition:	None.

Received: 4/91

Department/Agency: LOUISIANA, CITY OF NEW ORLEANS
DEPARTMENT OF SAFETY & PERMITS
Board of Building Standards and Appeals
1300 Perdido Street
City Hall, Room 7E04
New Orleans, Louisiana 70112

Phone: 504-565-6145
Fax: None.

System Title: Recognized Safety Testing Laboratory.

Date Established: Revised 1983.

Description: Evaluation of laboratories for recognition as safety testing laboratory.

Fields of Testing: Electrical.

Products Tested: Electrical products.

Standards/Test Methods: Codes and Standards as Adopted through Board of Standards and Appeals.

Assessment Criteria/Procedures: The criteria/procedures used by the program to ensure the competence of a laboratory/inspection agency to conduct a test or set of tests, including:

Submission of Appropriate Documentation	x
Independence (No Conflict-of-Interest)	x
Financial Stability	
On-site Inspection	
Staff Qualification Requirements	x
Adequate Q.A. System	x
Sample Control/Integrity Requirements	x
Recordkeeping Requirements	x
Test Report Content/Format Requirements	x
Available Operational Manuals/Instructions	x
Periodic Random Re-audit of Facilities	
Periodic Scheduled Re-audit of Facilities	
Participation in a Proficiency Testing Program	
Adequacy of Facilities and Equipment	x
Equipment Maintenance/Calibration Requirements	x
Other:	

Other Information: Systems requirements are comparable to those contained in the Standard Practice for Preparation of Criteria for Use in Evaluation of Testing Laboratories and Inspection Bodies ASTM E548.

Accreditation Terminology: Recognized Testing Laboratory.

Compliance:	Voluntary.
Authority:	City Board of Building Standards and Appeals.
Fees:	None.
Accreditation Action Frequency:	As required based on experience with the laboratory.
Assessors:	Board of Building Standards and Appeals Electrical Inspection staff.
Proficiency Testing Program:	None.
Appeal Procedure:	Department of Safety and Permits Procedures - State due process laws.
Publications:	None.
Logo:	None.
No. of Labs:	Four (4) as of April 1991.
Availability of Accreditation:	Open to Independent (No Conflict-of-Interest) Laboratories.
List/Directory of Accredited Labs:	List of Laboratories Recognized in New Orleans.
International Recognition Agreements:	None.
Other Recognition:	None.

Received: 4/91

Department/Agency:
THE CITY OF NEW YORK
DEPARTMENT OF BUILDINGS, MEA DIVISION
Room 1524
60 Hudson Street
New York, New York 10013

Phone: 212-312-8000
Fax: None.

System Title: Acceptance of Testing Service or Laboratory.

Date Established: 1965 Revisions.

Description: Determination of acceptability of Testing and Inspection Laboratories and Firms to provide data on compliance of products on installation meeting New York City Building Codes for mechanical requirements.

Fields of Testing: Biological, Chemical, Construction Materials, Electrical, Geotechnical, and Mechanical.

Products Tested: Construction and building products such as air conditioning, hardware, finishes and flooring.

Standards/Test Methods: Commissioner of Building, City of New York.

Assessment Criteria/Procedures: The criteria/procedures used by the program to ensure the competence of a laboratory/inspection agency to conduct a test or set of tests, including:

Submission of Appropriate Documentation	x
Independence (No Conflict-of-Interest)	x
Financial Stability	
On-site Inspection	
Staff Qualification Requirements	x
Adequate Q.A. System	x
Sample Control/Integrity Requirements	
Recordkeeping Requirements	x
Test Report Content/Format Requirements	x
Available Operational Manuals/Instructions	
Periodic Random Re-audit of Facilities	
Periodic Scheduled Re-audit of Facilities	
Participation in a Proficiency Testing Program	
Adequacy of Facilities and Equipment	x
Equipment Maintenance/Calibration Requirements	x
Other:	

Other Information: System's requirements are comparable to those contained in the "Standard Practice for Preparation of Criteria for Use in Evaluation of Testing Laboratories and Inspection Bodies" ASTM E548.

Accreditation Terminology:	Acceptable Testing Service or Laboratories.
Compliance:	Voluntary for Laboratories, but approval of products by MEA is mandatory.
Authority:	City Administrative Code, C26-106.2, C26-107.2.
Fees:	None.
Accreditation Action Frequency:	Automatic renewal unless complaints create requirement for review and re-assessment.
Assessors:	Staff of MEA Division.
Proficiency Testing Program:	None.
Appeal Procedure:	Normal N.Y.C. due process appeals, as well as Building Commissioner Appeal.
Publications:	None.
Logo:	Acceptance number must be used on all reports.
No. of Labs:	Ninety-six (96) acceptance numbers issued through April 1991.
Availability of Accreditation:	Available to all U.S. labs.
List/Directory of Accredited Labs:	List of Testing Agencies Acceptable to MEA by MEA Members, available upon request.
International Recognition Agreements:	None.
Other Recognition:	None.

Received: 4/91

Department/Agency: OHIO, CITY OF CLEVELAND
BOARD OF BUILDING STANDARDS AND BUILDING APPEALS
Electrical Inspection Branch
601 Lakeside Avenue, Room 305
Cleveland, Ohio 44114

Phone: 216-664-2286
Fax: None.

System Title: Approved Testing Laboratory Listing.

Date Established: 1981.

Description: To list approved testing laboratories for energy, electrical safety and gas fired appliances.

Fields of Testing: Chemical, Electrical, Mechanical, and Thermal.

Products Tested: Energy efficiency, electrical and gas products safety and efficiency.

Standards/Test Methods: Cleveland Building Code.

Assessment Criteria/Procedures: The criteria/procedures used by the program to ensure the competence of a laboratory/inspection agency to conduct a test or set of tests, including:

Submission of Appropriate Documentation	x
Independence (No Conflict-of-Interest)	x
Financial Stability	
On-site Inspection	
Staff Qualification Requirements	x
Adequate Q.A. System	x
Sample Control/Integrity Requirements	x
Recordkeeping Requirements	x
Test Report Content/Format Requirements	x
Available Operational Manuals/Instructions	x
Periodic Random Re-audit of Facilities	
Periodic Scheduled Re-audit of Facilities	
Participation in a Proficiency Testing Program	
Adequacy of Facilities and Equipment	x
Equipment Maintenance/Calibration Requirements	x
Other:	

Other Information: Systems requirements are comparable to those contained in the Standard Practice for Preparation of Criteria for Use in Evaluation of Testing Laboratories and Inspection Bodies ASTM E548.

Accreditation Terminology: Approved Testing Laboratories.

Compliance:	Voluntary.
Authority:	City Board of Building Standards.
Fees:	None.
Accreditation Action Frequency:	Frequency of review depends upon the experience of the branch with the laboratory.
Assessors:	Members and staff of Board - Electrical and Mechanical - Architectural qualified.
Proficiency Testing Program:	None.
Appeal Procedure:	Board of Building Appeals Procedures - State due process laws.
Publications:	Approved Testing Laboratories List.
Logo:	None.
No. of Labs:	Nine (9) as of September 1990.
Availability of Accreditation:	Open to Independent (No Conflict-of-Interest) Laboratories.
List/Directory of Accredited Labs:	Approved Testing Laboratories List.
International Recognition Agreements:	None.
Other Recognition:	None.

Received: 4/91

Department/Agency:
OREGON, CITY OF PORTLAND
BUREAU OF BUILDINGS
Electrical Section
P.O. Box 8120
1220 Southwest Fifth Street, Room 930
Portland, Oregon 97207-8120

Phone: 503-796-7304
Fax: 503-796-6983

System Title: Electrical Testing Laboratory Approval Program.

Date Established: 1968.

Description: Approval of laboratories that are permitted to test and certify or label electrical equipment for sale or use in the City of Portland.

Fields of Testing: Electrical and Mechanical.

Products Tested: Electrical machinery, equipment, supplies and appliances, Scientific, optical and professional instruments and supplies.

Standards/Test Methods: Code and Rules and Regulations, State of Oregon Building Codes.

Assessment Criteria/Procedures: The criteria/procedures used by the program to ensure the competence of a laboratory/inspection agency to conduct a test or set of tests, including:

Submission of Appropriate Documentation	x
Independence (No Conflict-of-Interest)	x
Financial Stability	
On-site Inspection	
Staff Qualification Requirements	x
Adequate Q.A. System	x
Sample Control/Integrity Requirements	x
Recordkeeping Requirements	
Test Report Content/Format Requirements	
Available Operational Manuals/Instructions	x
Periodic Random Re-audit of Facilities	
Periodic Scheduled Re-audit of Facilities	
Participation in a Proficiency Testing Program	
Adequacy of Facilities and Equipment	x
Equipment Maintenance/Calibration Requirements	
Other:	

Other Information: System's requirements are comparable to those contained in the "Standard Practice for Preparation of Criteria for Use in Evaluation of Testing Laboratories and Inspection Bodies" ASTM E548.

Accreditation Terminology:	Complying Organizations Referred to As Approved.
Compliance:	Voluntary for Laboratories. Mandatory for manufacturers of covered products or equipment.
Authority:	City Electrical Code, Article 8 - Sales Control Provisions, §12-801 (Electrical Equipment to be Approved), and §12-804 (Provisional Approval).
Fees:	None.
Accreditation Action Frequency:	Frequency of review depends upon the experience of the Department with the laboratory.
Assessors:	City Electrical Inspector and Staff.
Proficiency Testing Program:	None.
Appeal Procedure:	Departmental hearings and the Ordinances and Statutes of the City of Portland and the State of Oregon.
Publications:	None.
Logo:	None.
No. of Labs:	Eleven (11) as of March 1991.
Availability of Accreditation:	Available to Independent (No Conflict-of-Interest) Laboratories.
List/Directory of Accredited Labs:	List of Approved Laboratories.
International Recognition Agreements:	None.
Other Recognition:	None.

Received: 4/91

Department/Agency: VIRGINIA, CITY OF RICHMOND
ELECTRICAL DEPARTMENT
900 East Bond Street, Room 110
Richmond, Virginia 23219

Phone: 804-780-6951
Fax: None.

System Title: Laboratory Acceptance Program.

Date Established: 1905.

Description: Acceptance of laboratory judged by the Chief Electrical Inspector to be a recognized testing laboratory for the inspection and approval of appliances, devices, or materials in accordance with the National Electrical Code.

Fields of Testing: Electrical and Mechanical.

Products Tested: Electrical machinery, equipment, supplies and appliances, Scientific, optical and professional instruments and supplies.

Standards/Test Methods: Virginia Uniform Statewide Building Code which will contain Building Officials Code Administrators (BOCA) Building Code, BOCA Mechanical Code, BOCA One or Two-Family Dwelling Code, and National Electrical Code and the standards, specifications, test methods, and other similar requirements referenced therein.

Assessment Criteria/Procedures: The criteria/procedures used by the program to ensure the competence of a laboratory/inspection agency to conduct a test or set of tests, including:

Submission of Appropriate Documentation	x
Independence (No Conflict-of-Interest)	x
Financial Stability	
On-site Inspection	
Staff Qualification Requirements	x
Adequate Q.A. System	x
Sample Control/Integrity Requirements	x
Recordkeeping Requirements	x
Test Report Content/Format Requirements	x
Available Operational Manuals/Instructions	x
Periodic Random Re-audit of Facilities	
Periodic Scheduled Re-audit of Facilities	
Participation in a Proficiency Testing Program	
Adequacy of Facilities and Equipment	x
Equipment Maintenance/Calibration Requirements	
Other:	

Other Information:	System's requirements are comparable to those contained in the "Standard Practice for Preparation of Criteria for Use in Evaluation of Testing Laboratories and Inspection Bodies" ASTM E548.
Accreditation Terminology:	Laboratory Acceptance.
Compliance:	Voluntary.
Authority:	Virginia Uniform Statewide Building Code, effective 1973.
Fees:	None.
Accreditation Action Frequency:	Frequency of review depends upon the experience of the Department with the laboratory.
Assessors:	Chief Electrical Inspector and Staff.
Proficiency Testing Program:	None.
Appeal Procedure:	Ordinances of the City and State Statutes.
Publications:	None.
Logo:	None.
No. of Labs:	Eight (8) as of April 1991.
Availability of Accreditation:	Available to Independent (No Conflict-of-Interest) Laboratories.
List/Directory of Accredited Labs:	List of Acceptable Laboratories.
International Recognition Agreements:	None.
Other Recognition:	None.

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[1]Categories from E 1224-88 *Standard Guide for Categorizing Fields of Testing for Laboratory Accreditation Purposes*

[2]Additional category employed by specific programs.

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FORMAT USED FOR EACH ENTRY

Received:

STATE/LOCAL/MUNICIPAL ACCREDITATION/DESIGNATION FORMAT FOR ENTRIES

Department/Agency: The responsible office/agency/department, as well as their address, telephone, telex, and fax numbers, if available.

System Title: Name identifying the system or part of the program responsible for laboratory accreditation or designation.

Date Established: The date the system was begun.

Description: Brief description of the system's scope and intent.

Fields of Testing: The fields of testing covered by the program as listed in the Standard Guide for Categorizing Fields of Testing for Laboratory Accreditation Purposes ASTM E 1224-88 and other fields as indicated by the agency.

Products Tested: The products/services, installations, etc. which laboratories are accredited or designated to test, examine, inspect, etc.

Standards/Test Methods: The documents employed by the accrediting agency, which include referenced international, federal and non-government standards specifications and test methods, to define the terms of accreditation or designation.

Assessment Criteria/Procedures: The criteria/procedures used by the program to ensure the competence of a laboratory/inspection agency to conduct a test or set of tests, including:

Submission of Appropriate Documentation _____
Independence (No Conflict-of-Interest) _____
Financial Stability _____
On-site Inspection _____
Staff Qualification Requirements _____
Adequate Q.A. System _____
Sample Control/Integrity Requirements _____
Recordkeeping Requirements _____
Test Report Content/Format Requirements _____
Available Operational Manuals/Instructions _____
Periodic Random Re-audit of Facilities _____
Periodic Scheduled Re-audit of Facilities _____
Participation in a Proficiency Testing Program _____
Adequacy of Facilities and Equipment _____
Equipment Maintenance/Calibration Requirements _____
Other: _____

Other Information: Any other relevant information on the criteria and procedures used in the operation of the system.

Accreditation Terminology:	Term(s) used by the accrediting authority to refer to a lab which has met the accreditation/designation criteria, e.g., accredited, designated, recognized, acceptable, certified, listed, evaluated, etc.
Compliance:	Whether the system is mandatory, voluntary, or mandatory only under specified circumstances, e.g., laboratory accreditation/designation mandatory for acceptance of report data showing product or installation compliance.
Authority:	The public laws, sections in codes, adopted model codes, referenced standards, or implementing procedures which authorize the agency to conduct the system.
Fees:	The fees paid by a laboratory to participate in the accreditation or designation system.
Accreditation Action Frequency:	The length of time an accreditation or designation is valid.
Assessors:	Who conducts the assessment and their qualifications.
Proficiency Testing Program:	Methods (if any) used to check lab performance using interlaboratory testing.
Appeal Procedure:	Appeals process/procedures used by the system.
Publications:	Available information on accredited or designated laboratories or other documentation on the program.
Logo:	Any agency authorized use of a logo or other mark by accredited or designated labs.
No. of Labs:	The number of labs accredited as of a specified date.
Availability of Accreditation:	Whether the accreditation or designation system is open to U.S. independent testing labs, profit and/or nonprofit private sector labs, federal labs, other state, local and municipal government labs, and/or private or governmental foreign labs.
List/Directory of Accredited Labs:	Available directories/lists of accredited or designated laboratories or directories/lists of approved or acceptable products/equipment which may include approved laboratories.
International Recognition Agreements:	Any recognition of the accreditation by foreign governments or international organizations or agreements on mutual recognition of accredited labs or test results from accredited or designated labs.
Other Recognition:	Any recognition of the accreditation or designation by another State, local or municipal agency, federal agency, private sector model or standards code body, standards development association or organization.

APPENDIX III
INFORMATION AND PUBLICATIONS AVAILABLE FROM

Standards Code and Information Program (SCI)
Office of Standards Services
National Institute of Standards and Technology
Administration Building, Room A633
Gaithersburg, MD 20899
(301) 975-4029

o The ABC's of Standards-Related Activities in the United States (NBSIR 87-3576)
This report is an introduction to voluntary standardization, product certification and laboratory accreditation for readers not fully familiar with these topics. It stresses some of the more important aspects of these fields; furnishes the reader with both historical and current information on these topics; describes the importance and impact of the development and use of standards; and serves as background for using available documents and services.
Order as PB 87-224309 from NTIS.

o The ABC'S of Certification Activities in the United States (NBSIR 88-3821)
This report, a sequel to NBSIR 87-3576, The ABC'S of Standards-Related Activities in the United States, provides an introduction to certification for readers not entirely familiar with this topic. It highlights some of the more important aspects of this field, furnishes the reader with information necessary to make informed purchases, and serves as background for using available documents and services.
Order as PB 88-239793 from NTIS.

o Laboratory Accreditation in the United States (NISTIR 4576)
This report, a sequel to NBSIR 87-3576 The ABC'S of Standards-Related Activities in the United States and NBSIR 88-3821 The ABC'S of Certification Activities in the United States, is designed to provide information on laboratory accreditation to readers who are new to this field. It discusses some of the more significant facets of this topic, provides information necessary to make informed decisions on the selection and use of laboratories, and serves as background for using other available documents and services.
Order as PB 91-194495 from NTIS.

o Directory of International and Regional Organizations Conducting Standards-Related Activities (NIST SP 767)
This directory contains information on 338 international and regional organizations which conduct standardization, certification, laboratory accreditation, or other standards-related activities. It describes their work in these areas, as well as the scope of each organization, national affiliations of members, U.S. participants, restrictions on membership, and the availability of any standards in English.
Order as SN 003-003-02937-8 from GPO.

o Directory of European Regional Standards-Related Organizations (NIST SP 795)

This directory identifies more than 150 European regional organizations - both governmental and private - that engage in standards development, certification, laboratory accreditation and other standards-related activities, such as quality assurance. Entries describe the type and purpose of each organization; acronyms; national affiliations of members; the nature of the standards-related activity; and other related information.
Order as SN 003-003-03038-4 from GPO.

o Standards Activities of Organizations in the United States (NIST SP 806)

The directory identifies and describes activities of over 750 U.S. public and private sector organizations which develop, publish, and revise standards; participate in this process; or identify standards and make them available through information centers or distribution channels. NIST SP 806, a revision of NBS SP 681, covers activities related to both mandatory and voluntary U.S. standards. SP 806 also contains a subject index and related listings that cover acronyms and initials, defunct bodies and organizations with name changes.
Copies not available from SCI. Order as SN 003-003-03070-8 from GPO.

o Directory of Private Sector Product Certification Programs (NIST SP 774)

This directory presents information from 132 private sector organizations in the United States which engage in product certification activities. Entries describe the type and purpose of each organization, the nature of the activity, product certified, standards used, certification requirements, availability and cost of services, and other relevant details.
Copies not available from SCI. Order as SN 003-003-02984-0 from GPO.

o Directory of Federal Government Certification Programs (NBS SP 739)

This directory presents information on U.S. Government certification programs for products and services. Entries describe the scope and nature of each certification program, testing and inspection practices, standards used, methods of identification and enforcement, reciprocal recognition or acceptance of certification, and other relevant details.
Order as SN 003-003-02852-5 from GPO.

o Directory of Federal Government Laboratory Accreditation/ Designation Programs (NIST SP 808)

This directory provides updated information on 31 federal government laboratory accreditation and similar type programs conducted by the federal government. These programs, which include some type of assessment regarding laboratory capability, designate sets of laboratories or other entities to conduct testing to assist federal agencies in carrying out their responsibilities. The directory also lists 13 other federal agency programs of possible interest,

including programs involving very limited laboratory assessment and programs still under development.
Order as SN 003-003-03069-4 from GPO.

o Barriers Encountered by U.S. Exporters of Telecommunications Equipment (NBSIR 87-3641)
This report addresses the perceived institution of unreasonable technical trade barriers by major European trading partners to the export of telecom products and systems by U.S. companies. The GATT technical office, which has responsibilities to assist U.S. exporters to take advantage of trade opportunities, informally contacted over a period of six months, telecom companies and agencies to assess the extent of unreasonableness in foreign national standards, regulations, testing and certification requirements, and accreditation procedures.
Order as PB 88-153630 from NTIS.

o A Review of U.S. Participation in International Standards Activities (NBSIR 88-3698)
This report describes the role of international standards, their increasingly significant importance in world trade, and the extent of past and current U.S. participation in the two major international standardization bodies - ISO and IEC. The degree of U.S. participation covers the 20 year period 1966-1986. A coarse analysis of data indicates some correlation between U.S. participation and recent export performance for several major product categories.
Order as PB 88-164165 from NTIS.

o An Update of U.S. Participation in International Standards Activities (NISTIR 89-4124)
This report presents updated information on the current level of U.S. participation in ISO and IEC (reference: NBSIR 88-3698).
Order as PB 89-228282/AS from NTIS.

o A Summary of the New European Community Approach to Standards Development (NBSIR 88-3793-1)
This paper summarizes European Community (EC) plans to aggressively pursue its goal of achieving an "internal market" by 1992 and the standards-related implications of such a program on U.S. exporters.
Order as PB 88-229489/AS from NTIS.

o Trade Implications of Processes and Production Methods (PPMs) (NISTIR 90-4265)
This report discusses processes and production methods (or PPM's) and their relationship to trade, the GATT Agreement on Technical Barriers to Trade, and traditional product standards used in international commerce. The report provides background information on PPM's, a suggested definition, and the possible extension of their application from the agricultural sector to industrial products.
Order as PB 90-205485 from NTIS.

[SEE LAST PAGE FOR NTIS AND GPO CONTACTS]

The following documents are available upon request from OSCI.

o tbt news

This newsletter provides information on government programs and available services established in support of the GATT Agreement on Technical Barriers to Trade (Standards Code). tbt news reports on the latest notifications of proposed foreign regulations; bilateral consultations with major U.S. trade partners; programs of interest to U.S. exporters; and availability of standards and certification information. Subscription is free upon request.

o Technical Barriers to Trade

This booklet explains the basic rules of the international Agreement on Technical Barriers to Trade negotiated during the Tokyo Round of the Multilateral Trade Negotiations (MTN), and describes Title IV of the U.S. Trade Agreements Act of 1979 which implements the United States' obligations under the Agreement. The Agreement, popularly known as the Standards Code, was designed to eliminate the use of standards and certification systems as barriers to trade. The booklet describes the functions of the Departments of Commerce and Agriculture, the Office of the U.S. Trade Representative, and the State Department in carrying out the U.S.'s responsibilities.

o "GATT Standards Code Activities"

This brochure gives a brief description of NIST's activities in support of the Standards Code. These activities include operating the U.S. GATT inquiry point for information on standards and certification systems; notifying the GATT Secretariat of proposed U.S. regulations; assisting U.S. industry with trade-related standards problems; responding to inquiries on foreign and U.S. proposed regulations; and preparing reports on the Standard Code.

o GATT Standards Code Activities of the National Institute of Standards and Technology

This annual report describes the GATT Standards Code activities conducted by the Standards Code and Information Program for each calendar year. NIST responsibilities include operating the GATT inquiry point, notifying the GATT Secretariat of proposed U.S. Federal government regulations which may affect trade, assisting U.S. industry with standards-related trade problems, and responding to inquiries about proposed foreign and U.S. regulations.

o Free handout material on office activities and standards-related information such as: government sources of specifications and standards; foreign standards bodies; U.S. standards organizations; and a brochure on the National Center for Standards and Certification Information (NCSCI).

In addition to general inquiry services, the following assistance is also available:

o EC Hotline

This hotline reports on draft standards of the European Committee on Standardization (CEN), the European Committee for Electrotechnical Standardization (CENELEC) and the European Telecommunications Standards Institute (ETSI). It also provides information on selected EC directives. The recorded message is updated weekly and gives the product, document number and closing date for comments. The hotline number is (301) 921-4164 (not toll-free).

o GATT Hotline

A telephone hotline provides current information received from the GATT Secretariat in Geneva, Switzerland, on proposed foreign regulations which may significantly affect trade. The recorded message is updated weekly and gives the product, country, closing date for comments (if any) and Technical Barriers to Trade (TBT) notification number. The hotline number is (301) 975-4041 (not toll-free).

o NCSCI provides assistance to U.S. and foreign exporters in obtaining current standards, regulations and certification information for the manufacture of products. To aid foreign exporters, NCSCI also provides directory information of state offices prepared to respond to queries concerning conditions to be met by goods for sale in their state.

Publication Ordering Information

NTIS - National Technical Information Service
5285 Port Royal Road
Springfield, VA 22161
Telephone: (703) 487-4650
Fax: (703) 321-8547

GPO - Superintendent of Documents
U.S. Government Printing Office
Washington, DC 20402
Telephone: (202) 783-3238
Fax: (202) 275-2529

NIST-114A
(REV. 3-90)

U.S. DEPARTMENT OF COMMERCE
NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY

BIBLIOGRAPHIC DATA SHEET

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NIST/SP-815

2. PERFORMING ORGANIZATION REPORT NUMBER

3. PUBLICATION DATE
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Directory of State and Local Government Laboratory Accreditation/Designation Programs

5. AUTHOR(S)

Charles, W. Hyer, Editor*

6. PERFORMING ORGANIZATION (IF JOINT OR OTHER THAN NIST, SEE INSTRUCTIONS)

U.S. DEPARTMENT OF COMMERCE
NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY
GAITHERSBURG, MD 20899

7. CONTRACT/GRANT NUMBER
43NANB017411

8. TYPE OF REPORT AND PERIOD COVERED
Final

9. SPONSORING ORGANIZATION NAME AND COMPLETE ADDRESS (STREET, CITY, STATE, ZIP)

Same as Above.

10. SUPPLEMENTARY NOTES

Supersedes NBS GCR 84-472.

* President of the Marley Organization, Inc.
11 Todds Road
Ridgefield, CT 06877-9990

11. ABSTRACT (A 200-WORD OR LESS FACTUAL SUMMARY OF MOST SIGNIFICANT INFORMATION. IF DOCUMENT INCLUDES A SIGNIFICANT BIBLIOGRAPHY OR LITERATURE SURVEY, MENTION IT HERE.)

This directory is a guide to laboratory accreditation and similar types of programs conducted by state and local government agencies. These programs accredit or designate laboratories or other entities to conduct testing to assist the agencies in carrying out their responsibilities. This accreditation or designation is based on some type of assessment regarding the capability of the laboratory to conduct the testing. However, the nature of such assessments varies considerably from agency to agency.

Entries in this directory are based primarily on information provided by each state and local government agency and reflect the agency's view of its activities. Parties interested in this area may also wish to review NIST SP 808, Directory of Federal Government Laboratory Accreditation/Designation Programs, which contains information on similar programs conducted at the federal level.

The publication of this directory is part of ongoing NIST efforts to establish and maintain comprehensive information on standards, regulations, laboratory accreditation and certification programs and related information. This material answers the needs of government, industry, and the public for information on state and local government laboratory accreditation and related programs.

12. KEY WORDS (6 TO 12 ENTRIES; ALPHABETICAL ORDER; CAPITALIZE ONLY PROPER NAMES; AND SEPARATE KEY WORDS BY SEMICOLONS)

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