

**ICBO EVALUATION SERVICE, INC.**

ACRONYM: ICBO ES

ADDRESS: 5360 Workman Mill Road Whittier, CA 90601-2298

PHONE: (562) 699-0543, ext. 3252 **FAX:** (562) 695-4694

INTERNET URL: http://www.icbo.org/ICBO_ES **E-MAIL:** ramani@icbo.org

LOCATION OF TESTING/INSPECTION FACILITIES: Required testing and inspection activities carried out by agencies accredited by ICBO ES under ISO/IEC Guides and Standards.

FACILITIES ACCREDITED/RECOGNIZED: International Organization for Standardization (ISO)/International Electrotechnical Commissioner(IEC).

PROGRAM DESCRIPTION/PURPOSE: ICBO ES is a leading source of information on building codes, building products, and building technology. A nonprofit corporation, ICBO ES does technical evaluations of building products, components, methods, and materials. The evaluation process culminates with the issuance of reports on code compliance, which are distributed across the United States and around the world to building regulators, designers, specifiers, architects, engineers, and others. Besides issuing reports on products and technologies, ICBO ES also accredits laboratories to perform tests on building materials and products, and quality control agencies to perform inspections at manufacturing locations. For laboratories and agencies, accreditation by ICBO ES indicates that applicants for an evaluation report may use their reports and services as evidence of code compliance. Any organization that is accredited as both a testing laboratory and a quality control agency may also seek recognition from ICBO ES as a conformity assessment agency, which means the agency itself may do key evaluation work and work with ICBO ES and the manufacturer to get the products recognized as code-compliant.

DATE PROGRAM STARTED: 1931.

TOTAL PROGRAM STAFF: 17. **NO. OF PART-TIME STAFF:** 0.

PROGRAM SUBCONTRACTORS: All required testing work is carried out by laboratories accredited to ISO Standard 17025 by ICBO ES. Laboratory on-site inspections sometimes contracted to a private accredited source.

SERVICES SUBCONTRACTED: N/A.

CERTIFICATION AVAILABILITY: Certification available to all U.S. and foreign companies.

FEES: Fees are available from the website at www.icbo.org/ICBO_ES or by contacting ICBO ES by mail.

NUMBER OF PARTICIPATING COMPANIES: 1050.

NUMBER OF PARTICIPATING FACILITIES: 1300.

CERTIFIED PRODUCTS/PRODUCT CATEGORIES: Admixtures, blocking, bridging and/or bracing, ceiling and soffit board, cement, conformity assessment agencies, Design for concrete, masonry, miscellaneous, steel, wood, drainage systems, ducts, dwelling construction, electrical outlet boxes and conduits, exit signs, exits, exterior coatings, exterior insulation and finish systems, fabricators of prefabricated buildings and components, Fasteners for adhesives, concrete and masonry anchors, gypsum wallboard, manual, pneumatic or powder-driven steel studs and nails, screws, shear connectors, staples and nails, steel, steel gusset plates, tile fasteners, wood, wood hangers and framing anchors, fire detection alarm devices, fireplaces, fireplaces: unvented decorative gas appliances, fire-protected openings, fire-resistive construction: gypsum wallboard, other fire-resistive construction, fire-retardant-treated wood, flashing, flue liners, foam plastic protection, gas logs, gas vents, heating and ventilating accessories, insulation interior

finish (flame spread) ladders, mechanical: connectors, miscellaneous structures, plaster reinforcement, plastics, plumbing, quality control agencies, radiant heating systems, roof covering and roof deck construction: roof coverings, walking decks, cement and fiber slab units, concrete and masonry, particleboard, sandwich panels, steel, wood, skylights and smoke vents, sound-rated systems, suspended ceilings, swimming pools and spas, testing laboratories, veneer, ventilation and exhaust hoods, wall coverings, weather-resistive barriers, wood preservatives.

STANDARDS/TEST METHODS USED:

Standards referenced in the Uniform Building, Plumbing and Mechanical codes, the International Building, Plumbing and Mechanical Codes and Acceptance Criteria published by ICBO ES.

PROGRAM CRITERIA/ PROCEDURES:

Copies of relevant documents can be requested by mail or downloaded from the website at www.icbo.org/ICBO_ES.

PROGRAM CONFORMANCE TO ISO/IEC GUIDE 65:

Program conforms to ISO/IEC Guide 65.

PROGRAM CONFORMS TO STANDARD OR GUIDE TITLE:

ISO/IEC Guide 25 "General Requirements for the Competence of Calibration and Testing Laboratories," ISO/IEC Guide 39 "General Requirements for the Acceptance of Inspection Bodies," ISO/IEC Guide 65 "General Requirements for Bodies Operating Product Certification Systems," ISO/IEC Standard 17025 "General Requirements for the Competence of Calibration and Testing Laboratories," ISO/IEC guide 58 "General Requirements for Operation and Recognition of Calibration and Testing Laboratory Accreditation Systems."

PRODUCT RETESTING REQUIREMENTS:

When base standards change or when a revised acceptance criteria requires retesting.

SURVEILLANCE TESTING REQUIREMENTS:

Period surveillance testing is conducted.

ISO 9000 OR OTHER QUALITY SYSTEM REQUIREMENTS:

None.

APPEALS PROCEDURE:

Appeals are dealt with by an Administrative Law Judge appointed by the Chair of the Evaluation Committee. Appeals are made in writing within sixty (60) days from the date of written notification of the decision being appealed.

PROGRAM LOGO/MARK:

Program does have a logo.

US PROGRAM RECOGNITION:

Approximately 3000 governmental members of ICBO accept certificates.

FOREIGN PROGRAM RECOGNITION:

Building Center of Japan, Australian Building Systems Appraisal Council. The Asia Pacific Laboratory Accreditation Cooperation (APLAC) has accredited the ICBO ES program for testing laboratories. ICBO ES is also well along towards gaining formal recognition by the International Laboratory Accreditation Cooperation. ICBO ES has working relationships in Europe, Asia, and Latin America with agencies doing similar work.

MOU/MRA ARRANGEMENTS:

Building Center of Japan, Instituto de Pesquisas Technologicas (IPT - Brazil). ICBO ES is well along towards gaining formal recognition by the National Cooperation for Laboratory Accreditation and the International Laboratory Accreditation Cooperation.

DIRECTORY OF PARTICIPANTS:

A Directory of Participants is available on the website at http://www.icbo.org/ICBO_ES.

DIRECTORY OF CERTIFIED PRODUCTS:

A Directory of Certified Products is available on the website at <http://www.icbo.org>. An electronic version in CD-ROM format is available by subscription.

OTHER PUBLICATIONS:

"ICBO Evaluation Service", "Manual on Compliance with ISO/IEC Guide 58", and "Manual on Compliance with ISO/IEC Guide 65", are available on the website. Hard copies are also available upon request.

**INDEPENDENT TEXTILE TESTING SERVICE, INC.**

ACRONYM: ITTS

ADDRESS: P.O. Box 1948, 1503 Murray Avenue, Dalton, GA 30722

PHONE: (706) 278-3013 **FAX:** (706) 272-7057

INTERNET URL: <http://www.ittslab.com> **E-MAIL:** ittslab@dalton.net

LOCATION OF TESTING/INSPECTION FACILITIES: Dalton, GA.

FACILITIES ACCREDITED/RECOGNIZED: Accredited laboratory under the National Voluntary Laboratory Accreditation Program (NVLAP) administered by the United States Department of Commerce/ National Institute of Standards and Technology for carpet and carpet cushions.

PROGRAM DESCRIPTION/PURPOSE: NVLAP for carpet and carpet cushion testing to U.S. Department of Housing and Urban Development/Federal Housing Administration (HUD/FHA) & General Services Administration (GSA) standards.

DATE PROGRAM STARTED: 1975.

TOTAL PROGRAM STAFF: 10. **NO. OF PART-TIME STAFF:** 0.

PROGRAM SUBCONTRACTORS: N/A.

SERVICES SUBCONTRACTED: N/A.

CERTIFICATION AVAILABILITY: N/A.

FEES: Fees are set per test item.

NUMBER OF PARTICIPATING COMPANIES: N/A.

NUMBER OF PARTICIPATING FACILITIES: N/A.

CERTIFIED PRODUCTS/PRODUCT CATEGORIES: Carpets, upholster, fabric, leather, plastics, sheet flooring.

STANDARDS/TEST METHODS USED: American Association of Textile Colorists and Chemists (AATCC), and American Society for Testing and Materials (ASTM).

PROGRAM CRITERIA/PROCEDURES: N/A.

PROGRAM CONFORMANCE TO ISO/IEC GUIDE 65: N/A.

PROGRAM CONFORMS TO STANDARD OR GUIDE TITLE: N/A.

PRODUCT RETESTING REQUIREMENTS: N/A.

SURVEILLANCE TESTING REQUIREMENTS: Surveillance testing is performed by HUD administrator sampling product.

ISO 9000 OR OTHER QUALITY SYSTEM REQUIREMENTS: N/A.

APPEALS PROCEDURE:	N/A.
PROGRAM LOGO/MARK:	N/A.
US PROGRAM RECOGNITION:	Recognized by HUD/FHA to perform carpet and carpet cushion certification testing.
FOREIGN PROGRAM RECOGNITION:	N/A.
MOU/MRA ARRANGEMENTS:	N/A.
DIRECTORY OF PARTICIPANTS:	N/A.
DIRECTORY OF CERTIFIED PRODUCTS:	N/A.
OTHER PUBLICATIONS:	NIST/NVLAP Program publications.



INSULATING GLASS CERTIFICATION COUNCIL

ACRONYM: IGCC

ADDRESS: P.O. Box 9, Henderson Harbor, NY 13651

PHONE: (315) 646-2234 **FAX:** (315) 646-2297

INTERNET URL: [Http://www.igcc.org](http://www.igcc.org) **E-MAIL:** jgkent@gisco.net

LOCATION OF TESTING/INSPECTION FACILITIES: Architectural Testing, Inc. in York, PA; New Brighton, MN & Fresno, CA/INTERTEK Testing Services in Middleton, WI/ETC; Jim Spetz Testing Div., Wickliffe, OH/Performance Testing, Inc. in Redmond, WA/Bodycote ORTECH Inc. in Mississauga, Ontario, Canada.

FACILITIES ACCREDITED/RECOGNIZED: N/A.

PROGRAM DESCRIPTION/PURPOSE: IGCC is a non-profit organization and is the third party sponsor of a certification program, which provides for the certification of sealed insulating glass for seal durability per the ASTM E773 & E774 Test Method. To insure continuing product performance against specified standards by periodic accelerated laboratory testing and unannounced plant inspections.

DATE PROGRAM STARTED: 1977.

TOTAL PROGRAM STAFF: 2. **NO. OF PART-TIME STAFF:** 1.

PROGRAM SUBCONTRACTORS: N/A.

SERVICES SUBCONTRACTED: N/A.

CERTIFICATION AVAILABILITY: Certification available to all US and foreign companies, members of the organization, and suppliers may become participants by payment of supplier fee with application.

FEES: A Fee Schedule may be obtained by contacting IGCC.

NUMBER OF PARTICIPATING COMPANIES: 153.

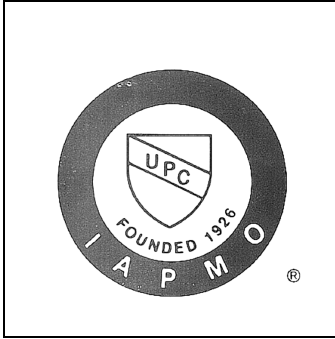
NUMBER OF PARTICIPATING FACILITIES: 153.

CERTIFIED PRODUCTS/PRODUCT CATEGORIES: All certified products, prototypes in process.

STANDARDS/TEST METHODS USED: American Society for Testing and Materials (ASTM) Specifications E774-92 and E773-88.

PROGRAM CRITERIA/PROCEDURES: Program procedures are outlined in publication "Certified Products Directory," and may be obtained by contacting IGCC.

PROGRAM CONFORMANCE TO ISO/IEC GUIDE 65:	N/A.
PROGRAM CONFORMS TO STANDARD OR GUIDE TITLE:	ASTM E774.
PRODUCT RETESTING REQUIREMENTS:	Products are retested once per year.
SURVEILLANCE TESTING REQUIREMENTS:	Unannounced inspections twice per year, testing once per year.
ISO 9000 OR OTHER QUALITY SYSTEM REQUIREMENTS:	A licensee's QA program, as a minimum, must have the following elements: 1. A quality manual; 2. operating procedures documenting how IG units are fabricated; 3. A designated person responsible for quality assurance; 4. routine product or component checks.
APPEALS PROCEDURE:	The Appeals Procedure is outlined in Guideline G.16 of the "Certified Products Directory," which may be obtained from IGCC.
PROGRAM LOGO/MARK:	Program has a logo.
US PROGRAM RECOGNITION:	N/A.
FOREIGN PROGRAM RECOGNITION:	N/A.
MOU/MRA ARRANGEMENTS:	N/A.
DIRECTORY OF PARTICIPANTS:	"IGCC Certified Products Directory" is published twice per year and may be obtained from IGCC. It is also available on the website.
DIRECTORY OF CERTIFIED PRODUCTS:	"IGCC Certified Products Directory" is published twice per year and may be obtained from IGCC. It is also available on the website.
OTHER PUBLICATIONS:	None.



**INTERNATIONAL ASSOCIATION OF PLUMBING AND MECHANICAL
OFFICIALS**

ACRONYM: IAPMO

ADDRESS: 20001 Walnut Drive South, Walnut, CA 91789-2825

PHONE: (909) 595-8449 **FAX:** (909) 594-3690

INTERNET URL: <http://www.iapmo.org> **E-MAIL:** gpchaney@iapmo.org

**LOCATION OF TESTING/
INSPECTION FACILITIES:** About 30 facilities available.

**FACILITIES
ACCREDITED/RECOGNIZED:** IAPMO R&T to ISO/IEC Guide 25.

**PROGRAM DESCRIPTION/
PURPOSE:** Product certification - Codes and standard development - testing and management registration.

DATE PROGRAM STARTED: 1926.

TOTAL PROGRAM STAFF: 14. **NO. OF PART-TIME STAFF:** 0.

PROGRAM SUBCONTRACTORS: N/A.

SERVICES SUBCONTRACTED: N/A.

**CERTIFICATION
AVAILABILITY:** Certification available to members of the organization and all U.S. and foreign companies.

FEES: There is a fee schedule, which may be obtained by contacting IAPMO.

**NUMBER OF PARTICIPATING
COMPANIES:** 600.

**NUMBER OF PARTICIPATING
FACILITIES:** 1300.

**CERTIFIED PRODUCTS/
PRODUCT CATEGORIES:** Appliances, manufacturer's housing/RV components, metal pipe/fittings, Non-metallic pipe/fitting, plastic pipe/fittings, septic systems, toxicity, vacuum breakers, valves/faucets, water heater.

**STANDARDS/TEST METHODS
USED:** International Association of Plumbing and Mechanical Officials (IAPMO) PS 92, TSC 15, PS 14, PS 74, PS 38, PS 90, TSC 2, PS 48, PS 72, PS 49; American Society of Sanitary Engineering Engineers (ASSE) 1001, 1016, 1025; Insulated Glass Council (IGC) 60, 77, American National Standards Institute/American Society of Mechanical Engineers (ANSI/ASME) A112.18.1M, 1016, 1025; American National Standards Institute (Z21.10a).

**PROGRAM CRITERIA/
PROCEDURES:** Program procedures are published in the application packet, which may be obtained from IAPMO.

**PROGRAM CONFORMANCE TO
ISO/IEC GUIDE 65:** Program conforms to ISO/IEC Guide 65.

**PROGRAM CONFORMS TO
STANDARD OR GUIDE TITLE:** ISO/IEC Guide 65 "General Requirements for Bodies Operating Product Certification;" ISO/IEC Guide 25 "General Requirements for the Competence of Calibration and Testing Laboratories;" ISO/IEC Guide 7 "Guidelines for Drafting of Standards;" ISO/IEC Guide 39 "General Requirements for Acceptance of Inspection Bodies;" ISO/IEC Guide 28 "General Requirements for a Model Third-Party Certification System for Products."

PRODUCT RETESTING Products are retested when the standard is updated.

REQUIREMENTS:

**SURVEILLANCE TESTING
REQUIREMENTS:**

Samples are selected at random, and all listed products are reviewed every five years.

**ISO 9000 OR OTHER
QUALITY SYSTEM
REQUIREMENTS:**

None.

APPEALS PROCEDURE:

Appeals Procedures may be obtained by contacting IAPMO.

PROGRAM LOGO/MARK:

Program has a logo.

US PROGRAM RECOGNITION:

IAPMO T&S test reports are acceptable to the following agencies: IAPMO R&T, Inc.; American Society of Sanitary Engineering (ASSE), Intertek Testing Services (ITS) of Canada, Canadian Standards Association (CSA);* City of Los Angeles; United States Department of Energy; United States Federal Trade Commission; U.S. Department of Commerce National Voluntary Laboratory Accreditation Program (NVLAP); California Energy Commission; Commonwealth of Massachusetts; State of Michigan; State of Texas. *As a witness testing laboratory.

**FOREIGN PROGRAM
RECOGNITION:**

Vietnam.

MOU/MRA ARRANGEMENTS:

American Society of Sanitary Engineering Engineers (ASSE), NSF International, Inchcape Testing Services/ETL/WH (ITS).

**DIRECTORY OF
PARTICIPANTS:**

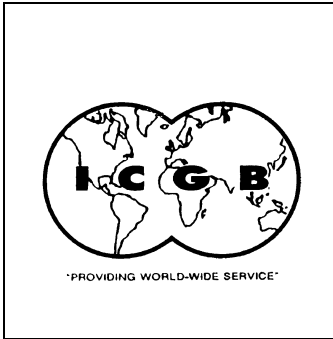
"Directory of Participants" is published six times per year.

**DIRECTORY OF CERTIFIED
PRODUCTS:**

"Directory of Listed Products" is published six times per year.

OTHER PUBLICATIONS:

None.



INTERNATIONAL CARGO GEAR BUREAU, INC.

ACRONYM: ICGB

ADDRESS: 90 West Street, New York, NY 10006

PHONE: (212) 267-4242/(212) ANS-ICGB **FAX:** (212) 267-4250

INTERNET URL: <http://www.ICGB.com> **E-MAIL:** ICGB@MSN.com

LOCATION OF TESTING/INSPECTION FACILITIES: A list of locations of inspection facilities is published in "Directory of ICGB Appointees" ICGB-100, and can be obtained by contacting ICGB.

FACILITIES ACCREDITED/RECOGNIZED: Facilities are accredited by governments worldwide.

PROGRAM DESCRIPTION/PURPOSE: Inspection and certification of materials handling equipment ashore, afloat, and offshore including shipboard cargo handling gear, cranes, derricks, cargo containers, road vehicles, and related devices.

DATE PROGRAM STARTED: 1954.

TOTAL PROGRAM STAFF: 175. **NO. OF PART-TIME STAFF:** N/A.

PROGRAM SUBCONTRACTORS: None.

SERVICES SUBCONTRACTED: Inspection services are subcontracted and published in "Directory of ICGB Appointees" ICGB-100, and can be obtained by contacting ICGB.

CERTIFICATION AVAILABILITY: Certification available to all U.S. and foreign companies, and members of the organization.

FEES: None.

NUMBER OF PARTICIPATING COMPANIES: N/A.

NUMBER OF PARTICIPATING FACILITIES: N/A.

CERTIFIED PRODUCTS/PRODUCT CATEGORIES: Inspection and certification of materials handling equipment ashore, afloat, and offshore including shipboard cargo handling gear, cranes, derricks, cargo containers, road vehicles, and related devices.

STANDARDS/TEST METHODS USED: International Labour Organization in Geneva, U.S. Coast Guard, U.S. Department of Labor - OSHA, and various dock authorities of other nations.

PROGRAM CRITERIA/PROCEDURES: Program procedures are published on the website at <http://www.ICGB.com>.

PROGRAM CONFORMANCE TO ISO/IEC GUIDE 65: N/A.

PROGRAM CONFORMS TO STANDARD OR GUIDE TITLE: Program standards are published on the website at <http://www.ICGB.com>.

PRODUCT RETESTING REQUIREMENTS: Products are usually tested every five years.

SURVEILLANCE TESTING REQUIREMENTS: None.

ISO 9000 OR OTHER Dock Authority regulations prevail.

**QUALITY SYSTEM
REQUIREMENTS:**

APPEALS PROCEDURE: Appeals are made to the pertinent dock authority.

PROGRAM LOGO/MARK: Program has a logo and it is Federally registered.

US PROGRAM RECOGNITION: Federal: U.S. Coast Guard and U.S. Department of Labor/OSHA
State: California OSHA.

**FOREIGN PROGRAM
RECOGNITION:** Foreign Program Recognition is published on the website at
<http://www.ICGB.com>.

MOU/MRA ARRANGEMENTS: N/A.

**DIRECTORY OF
PARTICIPANTS:** "Directory of ICGB Appointees" ICGB-100.

**DIRECTORY OF CERTIFIED
PRODUCTS:** "Summary of ICGB Services" is published and can be obtained from ICGB.

OTHER PUBLICATIONS: Other publications are available on the website at
<http://www.ICGB.com>.



INTERNATIONAL ELECTRICAL TESTING ASSOCIATION

ACRONYM: NETA

ADDRESS: P.O. Box 687, Morrison, CO 80465.

PHONE: (303) 697-8441 **FAX:** (303) 697-8431

INTERNET URL: <http://www.netaworld.org> **E-MAIL:** neta@netaworld.org

**LOCATION OF TESTING/
INSPECTION FACILITIES:** N/A.

**FACILITIES
ACCREDITED/RECOGNIZED:** N/A.

**PROGRAM DESCRIPTION/
PURPOSE:** NETA promotes the independent electrical testing industry by: establishing testing standards and specifications; training and certifying testing technicians; marketing the professional services of its members; collecting and disseminating information and data of value to the electrical testing industry. NETA recognizes four levels of technicians: Trainee/Level I, Assistant Technician/Level II, Certified Technician/Level III, and Certified Senior Technician/Level IV. The certification process for the technicians is very stringent, with the following minimum requirements. The technician must: be employed by a firm that has met the qualifications for NETA full membership; meet field testing experience requirements; and pass a rigid comprehensive examination covering power theory, maintenance, and trouble-shooting skills.

DATE PROGRAM STARTED: N/A.

TOTAL PROGRAM STAFF: 2. **NO. OF PART-TIME STAFF:** 2.

PROGRAM SUBCONTRACTORS: N/A.

SERVICES SUBCONTRACTED: N/A.

**CERTIFICATION
AVAILABILITY:** Certification available to members of the association.

FEES: N/A.

**NUMBER OF PARTICIPATING
COMPANIES:** 110.

**NUMBER OF PARTICIPATING
FACILITIES:** N/A.

**CERTIFIED PRODUCTS/
PRODUCT CATEGORIES:** Testing technicians.

**STANDARDS/TEST METHODS
USED:** N/A.

**PROGRAM CRITERIA/
PROCEDURES:** Program procedures are published by ANSI/NETA and may be purchased through the NETA office.

**PROGRAM CONFORMANCE TO
ISO/IEC GUIDE 65:** N/A.

**PROGRAM CONFORMS TO
STANDARD OR GUIDE TITLE:** Institute of Electrical and Electronics Engineers (IEEE), American National Standards Institute (ANSI), American Society for Testing and Materials (ASTM), National Institute of Standards and Technology (NIST), National Fire Protection Association (NFPA).

PRODUCT RETESTING REQUIREMENTS:	N/A.
SURVEILLANCE TESTING REQUIREMENTS:	N/A.
ISO 9000 OR OTHER QUALITY SYSTEM REQUIREMENTS:	N/A.
APPEALS PROCEDURE:	N/A.
PROGRAM LOGO/MARK:	Program has a logo.
US PROGRAM RECOGNITION:	N/A.
FOREIGN PROGRAM RECOGNITION:	N/A.
MOU/MRA ARRANGEMENTS:	N/A.
DIRECTORY OF PARTICIPANTS:	A full member list is available on the website at www.netaworld.org .
DIRECTORY OF CERTIFIED PRODUCTS:	Netaworld Quarterly Journal is published by NETA and is available from NETA.
OTHER PUBLICATIONS:	N/A.



INTERNATIONAL PLAY EQUIPMENT MANUFACTURERS ASSOCIATION

ACRONYM: IPEMA

ADDRESS: 8300 Colesville Road, Suite 250, Silver Spring, MD 20910

PHONE: (800)395-5550 or (301)495-0240 **FAX:** (301) 495-3330

INTERNET URL: <http://www.ipema.org> **E-MAIL:** bduffy@nssea.org

LOCATION OF TESTING/INSPECTION FACILITIES: Testing is done at manufacturer's plant.

FACILITIES ACCREDITED/RECOGNIZED: N/A.

PROGRAM DESCRIPTION/PURPOSE: In the interest of public playground safety, IPEMA provides a 3rd party certification service whereby Detroit Testing Laboratory, Inc. validates a manufacturer's certification of conformance to the ASTM F1487-98 (excluding section 10 and 12.6.1) Standard Consumer Safety Performance Specification for Playground Equipment for Public Use, Standard. The use of the IPEMA Certification Seal, displayed on the right, in selling literature signifies that the manufacturer has received written validation from Detroit Testing Laboratories, Inc. that the product associated with the use of the seal conforms with the requirements of ASTM F1487-98 (excluding section 10 and 12.6.1). The list of IPEMA certified products is maintained and updated exclusively by Detroit Testing Laboratories, Inc. They have started a second Third-Party Certification service whereby a professional engineer validates a manufacturer's certification of conformance to the current published ASTM F1292, Standard Specification for Impact Attenuation of Surface Systems Under and Around Playground Equipment.

DATE PROGRAM STARTED: 1996 for equipment; 2000 for surfacing.

TOTAL PROGRAM STAFF: 1 at DTL for equipment; **NO. OF PART-TIME STAFF:** 0.
1 professional engineer for surfacing.

PROGRAM SUBCONTRACTORS: Detroit Testing Laboratory, Inc. (DTL)

SERVICES SUBCONTRACTED: None.

CERTIFICATION AVAILABILITY: Certification available to all U.S. and foreign companies, and to members and non-members of IPEMA. Members can participate at a discounted price. Non-members can participate but are charged at a higher rate.

FEES: A Fee Schedule is published in the Procedural Guide, which is available from IPEMA.

NUMBER OF PARTICIPATING COMPANIES: 21 in equipment; 9 in surfacing.

NUMBER OF PARTICIPATING FACILITIES:	N/A.
CERTIFIED PRODUCTS/ PRODUCT CATEGORIES:	Playground equipment and surfacing.
STANDARDS/TEST METHODS USED:	ASTM F1487-98 (excluding section 10 and 12.6.1) Standard Consumer Safety Performance Specification for Playground Equipment for Public Use, Standard. ASTM F1292, Standard Specification for Impact Attenuation of Surface Systems Under and Around Playground Equipment.
PROGRAM CRITERIA/ PROCEDURES:	Program procedures are published in the Procedure Guide, which is available from IPEMA.
PROGRAM CONFORMANCE TO ISO/IEC GUIDE 65:	Program conforms to ISO/IEC Guide 65.
PROGRAM CONFORMS TO STANDARD OR GUIDE TITLE:	N/A.
PRODUCT RETESTING REQUIREMENTS:	Product retesting is required at least every five years, and is outlined in the Procedure Guide available from IPEMA.
SURVEILLANCE TESTING REQUIREMENTS:	Surveillance testing is outlined in the Procedure Guide available from IPEMA.
ISO 9000 OR OTHER QUALITY SYSTEM REQUIREMENTS:	N/A.
APPEALS PROCEDURE:	Appeals procedures are outlined in the Procedural Guide, which is available from IPEMA.
PROGRAM LOGO/MARK:	Program has a logo, and is Federally registered.
US PROGRAM RECOGNITION:	N/A.
FOREIGN PROGRAM RECOGNITION:	N/A.
MOU/MRA ARRANGEMENTS:	N/A.
DIRECTORY OF PARTICIPANTS:	The Directory of Participants is published on the website at http://www.ipema.org .
DIRECTORY OF CERTIFIED PRODUCTS:	A Directory of Certified Products is published on the website at http://www.ipema.org .
OTHER PUBLICATIONS:	Other publications are available on the website at http://www.ipema.org .



**INTERTEK TESTING SERVICES NA, INC.
ETL SEMKO DIVISION**

ACRONYM: ITS, ETL, SH

ADDRESS: 70 Codman Hill Road, Boxborough, MA 01719

PHONE: (978) 263-2662 **FAX:** (978) 263-7086

INTERNET URL: <http://www.etlsemko.com> **E-MAIL:** N/A

**LOCATION OF TESTING/
INSPECTION FACILITIES:** Antioch, CA, Laguna Niguel, CA, Menlo Park, CA, Orlando, FL, Duluth, GA, Des Plaines, IL, Lexington, KY, Boxborough, MA, Oakdale, MN, Totowa, NJ, Cortland, NY, Raleigh, NC, Cleveland, OH, Columbus, OH, Portland, OR, Dallas, TX, Seattle, WA, Middleton, WI, Coquitlam, BC, Canada, Mississauga, ON, Canada, Lachine, PQ, Canada, Guangzhou, China, Shanghai, China, Shenzhen, China, Kowloon, Hong Kong, Tokyo, Japan, Seoul, Korea, Singapore, Taipei, Taiwan, Bangkok, Thailand, Stuttgart, Germany, Stockholm, Sweden, Leatherhead, England.

**FACILITIES
ACCREDITED/RECOGNIZED:** American Association for Laboratory Accreditation (A2LA), Australian Communications Authority (ACA), American National Standards Institute/Registrar Accreditation Board, Inc. (ANSI/RAB), Australian Telecommunications Authority, Building Officials and Code Administrators International, Inc. (BOCA), EMA, Federal Communications Commission (FCC), Gosstandart of Russia, Hong Kong Laboratory Accreditation System (HOKLAS), International Conference of Building Officials (ICBO), IECEE, Industry Canada (IC), National Evaluation Service, Inc. (NES), National Institute of Standards and Technology (NIST) - National Voluntary Laboratory Accreditation Program (NVLAP) Program, Notified Body Status, Occupational Safety and Health Administration (OSHA), Raad Voor Accreditatie (Rva), Southern Building Code Congress International, Inc. (SBCCI), Standards Council of Canada (SCC), Swedish Accreditation Body (SWEDAC), TELARC (New Zealand), Telecommunications Certification Body (TCB), IKAS, Voluntary Corol Committee for Interference (Japan) (VCCI) Zebtrakstelle der Lander fur Sicherheitstechnik (ZLS).

**PROGRAM DESCRIPTION/
PURPOSE:** Product testing, inspection and certification under the brand names of ETL Testing Laboratories, Warnock Hersey, and SEMKO. Testing and documentation for CE Marking in the European Union as well as for other global markets. Also Management System Registrations (ISO 9000, QS-9000, ISO 14000) under the brand name ITS Intertek Services.

DATE PROGRAM STARTED: 1896.

TOTAL PROGRAM STAFF: 900. **NO. OF PART-TIME STAFF:** N/A.

PROGRAM SUBCONTRACTORS: Product testing is subcontracted.

SERVICES SUBCONTRACTED: Services are subcontracted.

CERTIFICATION AVAILABILITY: Certification available to all US and foreign companies.

FEES: There is a set fee schedule.

NUMBER OF PARTICIPATING COMPANIES:	Over 6,000.
NUMBER OF PARTICIPATING FACILITIES:	N/A.
CERTIFIED PRODUCTS/ PRODUCT CATEGORIES:	Appliances - commercial/consumer, building materials, classified equipment, commercial food service equipment, industrial equipment.
STANDARDS/TEST METHODS USED:	American Society for Testing and Materials (ASTM), National Fire Protection Association (NFPA), American National Standards Institute (ANSI), Underwriters Laboratories (UL), American Society of Mechanical Engineers (ASME), International Electrotechnical Commission (IEC), Canadian Standards Association (CSA).
PROGRAM CRITERIA/ PROCEDURES:	There is a published set of program procedures, which may be obtained from Intertek.
PROGRAM CONFORMANCE TO ISO/IEC GUIDE 65:	Program conforms to ISO/IEC Guide 65.
PROGRAM CONFORMS TO STANDARD OR GUIDE TITLE:	Program conforms to ISO Guides 25, 65, and 62.
PRODUCT RETESTING REQUIREMENTS:	Product retesting depends on the specific certification program - procedural guides are available upon request.
SURVEILLANCE TESTING REQUIREMENTS:	ETL Listed Mark: Four follow-up inspections per year. Warnock Hersey Certification Mark: Four follow-up inspections per year. Management System Certification: One inspection or two semi-annual inspections per year. Automotive Lift Institute: Two follow-up inspections per year.
ISO 9000 OR OTHER QUALITY SYSTEM REQUIREMENTS:	N/A.
APPEALS PROCEDURE:	N/A.
PROGRAM LOGO/MARK:	Program has a logo.
US PROGRAM RECOGNITION:	N/A.
FOREIGN PROGRAM RECOGNITION:	N/A.
MOU/MRA ARRANGEMENTS:	N/A.
DIRECTORY OF PARTICIPANTS:	Directory of Listed Products is available through hard copy (call 1-800-WORLDFLAB) or the website at http://www.etlsemko.com
DIRECTORY OF CERTIFIED PRODUCTS:	"Directory of Listed Products," published once a year; "Directory of ETL Verified and ETL Listed Cabling Products;" and "Directory of Certified Firms."
OTHER PUBLICATIONS:	ITS ETL SEMKO Brochure entitled, "A Partner in Helping Gain Global Acceptance For Your Products."



JUVENILE PRODUCT MANUFACTURERS ASSOCIATION, INC.

ACRONYM: JPMA

ADDRESS: 236 Route 38 West, Suite 100, Moorestown, NJ 08057

PHONE: (856) 231-8500 **FAX:** (856) 231-4664

INTERNET URL: <http://www.jpma.org> **E-MAIL:** jpma@ahint.com

LOCATION OF TESTING/INSPECTION FACILITIES: Intertek Testing Services, Totowa, New Jersey

FACILITIES ACCREDITED/RECOGNIZED: N/A.

PROGRAM DESCRIPTION/PURPOSE: JPMA is a national trade organization of more than 400 companies in the United States, Mexico and Canada. These companies manufacture and/or import infant products such as cribs, car seats, strollers, bedding, and a wide range of accessories and decorative items. JPMA conducts trade promotion activities, trade research and surveys, and a certification program; and provides statistical information on the industry.

DATE PROGRAM STARTED: Program is over 20 years old.

TOTAL PROGRAM STAFF: N/A. **NO. OF PART-TIME STAFF:** N/A.

PROGRAM SUBCONTRACTORS: N/A.

SERVICES SUBCONTRACTED: N/A.

CERTIFICATION AVAILABILITY: Certification available to members of the association and all U.S. and foreign companies.

FEES: Fees include member/non-member and testing fees.

NUMBER OF PARTICIPATING COMPANIES: 30.

NUMBER OF PARTICIPATING FACILITIES: N/A.

CERTIFIED PRODUCTS/PRODUCT CATEGORIES: High chairs, play yards, walkers, portable hook-on chairs, carriages & strollers, gates & enclosures, full-size cribs, non-full-size cribs, toddler beds and bath seats

STANDARDS/TEST METHODS USED: ASTM standards apply.

PROGRAM CRITERIA/PROCEDURES: A published set of certification procedures may be obtained by contacting JPMA.

PROGRAM CONFORMANCE TO ISO/IEC GUIDE 65: N/A.

PROGRAM CONFORMS TO STANDARD OR GUIDE TITLE: N/A.

PRODUCT RETESTING REQUIREMENTS: N/A.

SURVEILLANCE TESTING REQUIREMENTS: N/A.

ISO 9000 OR OTHER QUALITY SYSTEM REQUIREMENTS:	N/A.
APPEALS PROCEDURE:	N/A.
PROGRAM LOGO/MARK:	Program has a logo.
US PROGRAM RECOGNITION:	N/A.
FOREIGN PROGRAM RECOGNITION:	N/A.
MOU/MRA ARRANGEMENTS:	N/A.
DIRECTORY OF PARTICIPANTS:	A list is available on the website listed above.
DIRECTORY OF CERTIFIED PRODUCTS:	"JPMA Directory of Certified Products" may be obtained by contacting JPMA. A list is also available on JPMA's website.
OTHER PUBLICATIONS:	N/A.

NOT AVAILABLE

KEMA-POWERTEST, INC.

ACRONYM: KPT

ADDRESS: 4379 County Lane Road, Chalfont, PA 18914

PHONE: (215) 822-4223 **FAX:** (215) 822-4267

INTERNET URL: <http://www.kema-powertest.com> **E-MAIL:** mfschacker@email.msn.com

LOCATION OF TESTING/INSPECTION FACILITIES: 4379 County Lane Road, Chalfont, PA 18914

FACILITIES ACCREDITED/RECOGNIZED: American Association of Laboratory Accreditation (A2LA) accredited to ISO Guide 25-1990 for electrical testing.

PROGRAM DESCRIPTION/PURPOSE: KEMA-Powertest is a wholly owned subsidiary of KEMA, the Netherlands. KEMA-Powertest provides independent, third-party evaluations of equipment performance. It tests and certifies electrical power equipment to American National Standards Institute (ANSI), Canadian Standards Association (CSA), International Electrotechnical Commissioner (IEC), Institute of Electrical and Electronics Engineers (IEEE), and Underwriters Laboratories (UL) standards. Also tests equipment in accordance with customer's specifications.

DATE PROGRAM STARTED: 1990.

TOTAL PROGRAM STAFF: 5. **NO. OF PART-TIME STAFF:** 5.

PROGRAM SUBCONTRACTORS: None.

SERVICES SUBCONTRACTED: None.

CERTIFICATION AVAILABILITY: Certification available to all US and foreign companies.

FEES: None.

NUMBER OF PARTICIPATING COMPANIES: 10-15.

NUMBER OF PARTICIPATING FACILITIES: 10-15.

CERTIFIED PRODUCTS/PRODUCT CATEGORIES: Circuit breakers, transformers, switches, switchgear, fuses, reactors, current transformers, voltage transformers, transfer switches, bus systems, transformer-rectifier systems, and related electrical equipment.

STANDARDS/TEST METHODS USED: American Association for Laboratory Accreditation (A2LA), American National Standards Institute (ANSI), Institute of Electrical and Electronics Engineers (IEEE), Underwriters Laboratories (UL), International Electrotechnical Commissioner (IEC).

PROGRAM CRITERIA/ PROCEDURES:	There is no published set of procedures. Each request is evaluated on an individual basis. The general requirements are based on applicable industry standard requirements.
PROGRAM CONFORMANCE TO ISO/IEC GUIDE 65:	N/A.
PROGRAM CONFORMS TO STANDARD OR GUIDE TITLE:	ISO GUIDE 25 - 1990 "General Requirements for the Competence of Calibration and Testing Laboratories".
PRODUCT RETESTING REQUIREMENTS:	Products are retested as specified in the applicable standard, when specified. Certified products appear in the list of KEMA type test certificates for 5 years.
SURVEILLANCE TESTING REQUIREMENTS:	None.
ISO 9000 OR OTHER QUALITY SYSTEM REQUIREMENTS:	None.
APPEALS PROCEDURE:	Upon receipt of a written request from a client, the President of KEMA-POWERTEST and his staff reviews the request. A written response is then provided to the client.
PROGRAM LOGO/MARK:	None.
US PROGRAM RECOGNITION:	N/A.
FOREIGN PROGRAM RECOGNITION:	KEMA-Powertest's parent body, KEMA-the Netherlands, is a notified body for various European directives. It offers a full package of CE services, including tests, certificates, supervision in acquiring the CE mark and professional information.
MOU/MRA ARRANGEMENTS:	Witness tests on behalf of N.V. KEMA, The Netherlands for their KEMA-KEUR Mark and Inchcape Testing Services for their product certification programs. KEMA is signatory to the CENELEC Certification Agreement (CCA) and can therefore issue Notifications of Test Results which are accepted by the Certification Bodies of all European countries. KEMA also fully co-operates in the Certification Scheme of the IECEE Certification Board (CB).
DIRECTORY OF PARTICIPANTS:	List of KEMA type test certificates is available upon request, and is published annually.
DIRECTORY OF CERTIFIED PRODUCTS:	List of KEMA type test certificates is published annually.
OTHER PUBLICATIONS:	The program is described in KPT's internal quality assurance documents.



KITCHEN CABINET MANUFACTURERS ASSOCIATION

ACRONYM: KCMA

ADDRESS: 1899 Preston White Drive, Reston, VA

PHONE: (703) 264-1690 **FAX:** (703) 620-6530

INTERNET URL: <http://www.kcma.org> **E-MAIL:** dtitus@kcma.org

LOCATION OF TESTING/INSPECTION FACILITIES: Birmingham, AL, Portland, OR, Reston, VA, Tuscalosa, AL.

FACILITIES ACCREDITED/RECOGNIZED: The testing labs must conform with ASTM E5487-94 "Standard Guide for General Criteria Used for Evaluating Laboratory Competence".

PROGRAM DESCRIPTION/PURPOSE: KCMA is a voluntary non-profit industry trade association originally founded in 1955. Currently, KCMA has over 360 members located in the United States and Canada who manufacture kitchen cabinets and bath vanities, countertop fabricators or supply goods and services to the industry. KCMA develops performance standards for kitchen cabinets, bath vanities and other industry products to provide a baseline of quality and performance for consumers. KCMA also provides a testing program utilizing third-party laboratories, administered by KCMA with annual testing to assure compliance of participating companies with the standard.

DATE PROGRAM STARTED: 1968.

TOTAL PROGRAM STAFF: 2. **NO. OF PART-TIME STAFF:** 0.

PROGRAM SUBCONTRACTORS: None.

SERVICES SUBCONTRACTED: None.

CERTIFICATION AVAILABILITY: Certification available to all US companies and Canada.

FEES: Fixed fee schedule, based on monthly sales of certified cabinets.

NUMBER OF PARTICIPATING COMPANIES: 93.

NUMBER OF PARTICIPATING FACILITIES: 128.

CERTIFIED PRODUCTS/PRODUCT CATEGORIES: Kitchen cabinets and bath vanity cabinets.

STANDARDS/TEST METHODS USED: ANSI/KCMA A161.1-1995, "Performance and Construction Standard for Kitchen and Vanity Cabinets. Available for KCMA for \$25.00.

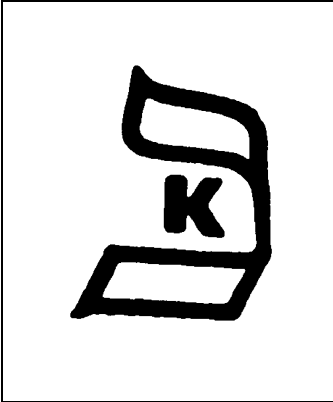
PROGRAM CRITERIA/PROCEDURES: Program procedures are available from KCMA.

PROGRAM CONFORMANCE TO ISO/IEC GUIDE 65: Program conforms to ISO/IEC Guide 65.

PROGRAM CONFORMS TO STANDARD OR GUIDE TITLE: N/A.

PRODUCT RETESTING REQUIREMENTS: Products are retested annually.

SURVEILLANCE TESTING REQUIREMENTS:	Compliance with ANSI/KCMA standards is assured by initial cabinet testing, periodic unannounced plant pick-up and testing, and additional testing resulting from complaints. All testing is performed by an experienced independent laboratory.
ISO 9000 OR OTHER QUALITY SYSTEM REQUIREMENTS:	None.
APPEALS PROCEDURE:	Companies can appeal to the Director of Certification at KCMA and the Standards and Certification Committee of KCMA.
PROGRAM LOGO/MARK:	Program has a logo.
US PROGRAM RECOGNITION:	Federal: U.S. Department of Housing and Urban Development (HUD) U.S. Department of Defense (DOD).
FOREIGN PROGRAM RECOGNITION:	N/A.
MOU/MRA ARRANGEMENTS:	None.
DIRECTORY OF PARTICIPANTS:	"Directory of KCMA Certified Cabinets" is available free from KCMA. This directory is also available on the website at http://www.kcma.org .
DIRECTORY OF CERTIFIED PRODUCTS:	N/A.
OTHER PUBLICATIONS:	"KCMA Manual of Operations and Guidance.



KOF-K KOSHER SUPERVISION

ACRONYM: KOF-K

ADDRESS: 201 The Plaza, Teaneck, NJ 07666

PHONE: (201) 837-0500, ext. 108 **FAX:** (201) 837-0126

INTERNET URL: <http://www.KOF-K.org> **E-MAIL:** N/A.

**LOCATION OF TESTING/
INSPECTION FACILITIES:** At plant sites.

**FACILITIES
ACCREDITED/RECOGNIZED:** Not available.

**PROGRAM DESCRIPTION/
PURPOSE:** The KOK-K emblem is the trademark of KOK-K Kosher Supervision, an organization of Rabbis involved in an international program of kosher food certification. A staff of kosher food production specialists, experts in various fields of the food industry, deal with major food manufacturers and suppliers throughout the world.

DATE PROGRAM STARTED: 1968.

TOTAL PROGRAM STAFF: 150. **NO. OF PART-TIME STAFF:** 100.

PROGRAM SUBCONTRACTORS: None.

SERVICES SUBCONTRACTED: None.

**CERTIFICATION
AVAILABILITY:** Certification available to all U.S. and foreign companies.

FEES: Fees are set according to the complexity of the facility and its location.

**NUMBER OF PARTICIPATING
COMPANIES:** 500.

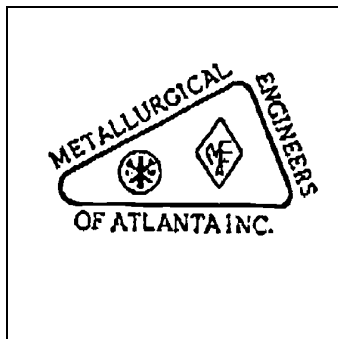
**NUMBER OF PARTICIPATING
FACILITIES:** 1,000.

**CERTIFIED PRODUCTS/
PRODUCT CATEGORIES:** Food products, flavors, colors, chemicals.

**STANDARDS/TEST METHODS
USED:** The strictest Orthodox Jewish Law as administered by our Rabbinical staff.

**PROGRAM CRITERIA/
PROCEDURES:** Must comply with kosher food laws.

PROGRAM CONFORMANCE TO ISO/IEC GUIDE 65:	N/A.
PROGRAM CONFORMS TO STANDARD OR GUIDE TITLE:	N/A.
PRODUCT RETESTING REQUIREMENTS:	N/A.
SURVEILLANCE TESTING REQUIREMENTS:	Representatives pay frequent visits to principal sources of kosher food and ingredient suppliers. Companies are closely monitored on an ongoing basis by regional coordinators, in conjunction with the administrative staff.
ISO 9000 OR OTHER QUALITY SYSTEM REQUIREMENTS:	N/A.
APPEALS PROCEDURE:	N/A.
PROGRAM LOGO/MARK:	Program has a logo and it is Federally registered.
US PROGRAM RECOGNITION:	N/A.
FOREIGN PROGRAM RECOGNITION:	The Chief Rabbinate of the State of Israel.
MOU/MRA ARRANGEMENTS:	The KOF-K is a worldwide Organization with an international network of regional coordinators and rabbinic representatives, all of whom are strictly Orthodox in their personal practices and synagogue affiliations. The KOF-K's rabbinic representatives are based in major Jewish communities throughout North America, Europe, Israel, Mexico, and Canada.
DIRECTORY OF PARTICIPANTS:	"Kosher Food Guide" is available on the website at http://www.KOF-K.org
DIRECTORY OF CERTIFIED PRODUCTS:	A list of certified products is available on the website.
OTHER PUBLICATIONS:	N/A.



MEA CERTIFICATIONS

ACRONYM: MEA

ADDRESS: P.O. Box 1330, Roswell, GA 30077

PHONE: (770) 642-9000 FAX: (770) 518-7407

INTERNET URL: Not available E-MAIL: meacert@compuserve.com

LOCATION OF TESTING/
INSPECTION FACILITIES: 660 Westhollow Ct., Rosell, GA 30075

FACILITIES
ACCREDITED/RECOGNIZED: U.S. Department of Housing and Urban Development. MEA is an approved administrator for carpet and carpet cushion.

PROGRAM DESCRIPTION/
PURPOSE: Carpet and Carpet cushion certification for use in HUD/FHA applications.

DATE PROGRAM STARTED: 1975

TOTAL PROGRAM STAFF: 4. NO. OF PART-TIME STAFF: 2.

PROGRAM SUBCONTRACTORS: Independent Textile Testing Services, Professional Testing, Commercial Testing Co., American Carpet Laboratories, Testing Services, Inc.

SERVICES SUBCONTRACTED: None.

CERTIFICATION
AVAILABILITY: Certification available to all U.S. companies.

FEES: None.

NUMBER OF PARTICIPATING
COMPANIES: 30.

NUMBER OF PARTICIPATING
FACILITIES: 30.

CERTIFIED PRODUCTS/
PRODUCT CATEGORIES: Carpet and carpet cushion.

STANDARDS/TEST METHODS
USED: Standards Listed in Use of Materials Bulletin, HUD (UM44D): American Association of Textile Colorists and Chemists (AATCC) 16F, American Society for Testing and Materials (ASTM) D418-93/ASTM DD5848-95, ASTM D2646, ASTM D3574-91, ASTM D3936, ASTM D3676-89, and ASTM D1335.

PROGRAM CRITERIA/
PROCEDURES: 24 CFR 200, 935, UM44d, and UM72A.

PROGRAM CONFORMANCE TO
ISO/IEC GUIDE 65: N/A.

PROGRAM CONFORMS TO
STANDARD OR GUIDE TITLE: N/A.

PRODUCT RETESTING
REQUIREMENTS: Carpet is retested every 4 months; carpet cushion is retested every 6 months.

SURVEILLANCE TESTING
REQUIREMENTS: Random field selections from mill inventory are tested annually.

ISO 9000 OR OTHER
QUALITY SYSTEM: None.

REQUIREMENTS:

APPEALS PROCEDURE: Involves the resubmission of a sample for testing.

PROGRAM LOGO/MARK: Program has a logo and it is Federally registered.

US PROGRAM RECOGNITION: Federal: U.S. Department of Housing and Urban Development (HUD).
State: VA.

FOREIGN PROGRAM RECOGNITION: N/A.

MOU/MRA ARRANGEMENTS: None.

DIRECTORY OF PARTICIPANTS: "MEA Certified Carpet/Carpet Cushion Directory" is published in May and November and may be obtained by contacting MEA.

DIRECTORY OF CERTIFIED PRODUCTS: "MEA Certified Carpet/Carpet Cushion Directory" is published in May and November and may be obtained by contacting MEA.

OTHER PUBLICATIONS: UM44d - "HUD Building Product Standards and Certification Program for Carpet;" and UM72a - "HUD Building Product Standards and Certification Program for Carpet Cushion."

**MEDIA SCIENCES, INC.**

ACRONYM: MSI

ADDRESS: 221 Boston Post Road East, Suite 470, Marlborough, MA 01752

PHONE: (508) 480-9338 **FAX:** (508) 480-9544

INTERNET URL: <http://www.msscience.com> **E-MAIL:** jhartke@mscience.com

**LOCATION OF TESTING/
INSPECTION FACILITIES:** 221 Boston Post Road East, Suite 470, Marlborough, MA 01752

**FACILITIES
ACCREDITED/RECOGNIZED:** No.

**PROGRAM DESCRIPTION/
PURPOSE:** MSI is an independent, third-party testing laboratory, which provides ISO 9002 facility certification and product tests to ISO standards on randomly selected samples assure that listed products satisfy governmental, institutional, office, and consumer quality Requirements. Formatted diskette, blank diskette, and CD-ROM quality certifications are available. This Certification Listing Program for Interchangeable Computer Media was initially established by the Canadian General Standards Board.

DATE PROGRAM STARTED: 1985.

TOTAL PROGRAM STAFF: 2. **NO. OF PART-TIME STAFF:** 1.

PROGRAM SUBCONTRACTORS: None.

SERVICES SUBCONTRACTED: Calibration, Cal-Tek Co., Inc. No. Billenice, NH and Honeywell Data Instruments, Inc., Acton, MA.

**CERTIFICATION
AVAILABILITY:** Certification available to all US and foreign companies.

FEES: Fees are quoted on demand.

**NUMBER OF PARTICIPATING
COMPANIES:** Over 300.

**NUMBER OF PARTICIPATING
FACILITIES:** Over 350.

**CERTIFIED PRODUCTS/
PRODUCT CATEGORIES:** CD-ROM Optical Discs, CD-R Optical Discs, flexible disk cartridges, diskettes, recorded flexible disk cartridges, recorded diskettes.

**STANDARDS/TEST METHODS
USED:** ISO 5654, ISO 7065, ISO 6596, ISO 7487, ISO 8378, ISO 8630, ISO 8860, ISO 9529, ISO 10994, ISO 10149, CEI IEC 908.

**PROGRAM CRITERIA/
PROCEDURES:** None.

**PROGRAM CONFORMANCE TO
ISO/IEC GUIDE 65:**

Program conforms to ISO/IEC Guide 65.

**PROGRAM CONFORMS TO
STANDARD OR GUIDE TITLE:**

ISO 5654 "Information Processing - Data Interchange on 200mm 13262 ftpr Disc," ISO 7065 "Information Processing - Data Interchange on 200mm 13262 ftpr Disc," ISO 6596 "Information Processing - Data Interchange on 130mm 7958 ftpr Disc," ISO 7487 "Information Processing - Data Interchange on 130mm 7958 ftpr Disc," ISO 8378 "Information Processing - Data Interchange on 130mm 7958 ftpr Disc," ISO 8630 "Information Processing - Data Interchange on 130mm 13262 ftpr Disc," ISO 8860 "Information Processing - Data Interchange on 90mm 7958 ftpr Disc," ISO 9529 "Information Processing - Data Interchange on 90mm 15916 ftpr Disc," ISO 10994 "Information Processing - Data Interchange on 90mm 31831 ftpr Disc," ISO 10149 "Information Technology - Data Interchange on 120mm Optical Data Discs," CEI IEC 908 "Compact Disc Digital Audio System."

**PRODUCT RETESTING
REQUIREMENTS:**

Products are retested on demand.

**SURVEILLANCE TESTING
REQUIREMENTS:**

None.

**ISO 9000 OR OTHER
QUALITY SYSTEM
REQUIREMENTS:**

None.

APPEALS PROCEDURE:

None.

PROGRAM LOGO/MARK:

See page 147.

US PROGRAM RECOGNITION:

N/A.

**FOREIGN PROGRAM
RECOGNITION:**

N/A.

MOU/MRA ARRANGEMENTS:

N/A.

**DIRECTORY OF
PARTICIPANTS:**

None.

**DIRECTORY OF CERTIFIED
PRODUCTS:**

None.

OTHER PUBLICATIONS:

Publications include: "Media Sciences," "Optical Disc Testing by Media Sciences," "CD-R Disc Testing by Media Sciences," "Diskette Testing by Media Sciences," "Recorded Disk Testing by Media Sciences"

**MET LABORATORIES, INC.**

ACRONYM: MET
ADDRESS: 914 W. Patapsco Avenue, Baltimore, MD 21230
PHONE: (410) 354-3300 **FAX:** (410) 354-3313
INTERNET URL: N/A. **E-MAIL:** N/A.
LOCATION OF TESTING/INSPECTION FACILITIES: Baltimore, MD, Union City, CA.
FACILITIES ACCREDITED/RECOGNIZED: US OSHA, Instituto Nacional de Metrologia, Normalizacao e Qualidade Industrial (INMETRO-Brazil), INLY - Chile, IRAM - Argentina.
PROGRAM DESCRIPTION/PURPOSE: To conduct Federal Communications Commission (FCC) certification, safety certification, performance testing, medical device testing and NEBS testing and certification.
DATE PROGRAM STARTED: 1989.
TOTAL PROGRAM STAFF: Over 80. **NO. OF PART-TIME STAFF:** 0.
PROGRAM SUBCONTRACTORS: None.
SERVICES SUBCONTRACTED: All calibration is subcontracted.
CERTIFICATION AVAILABILITY: Certification available to all US and foreign companies.
FEES: Based on actual costs.
NUMBER OF PARTICIPATING COMPANIES: Over 1000.
NUMBER OF PARTICIPATING FACILITIES: N/A.
CERTIFIED PRODUCTS/PRODUCT CATEGORIES: Electrical/electronic/telecommunications, medical devices, telephones, and telecommunications equipment.
STANDARDS/TEST METHODS USED: Underwriters Laboratories/American National Standards Institute (UL/ANSI), International Organization for Standardization (ISO), Institute of Electrical and Electronics Engineers (IEEE), Federal Communications Commission (FCC).
PROGRAM CRITERIA/PROCEDURES: None.
PROGRAM CONFORMANCE TO ISO/IEC GUIDE 65: Program conforms to ISO/IEC Guide 65.
PROGRAM CONFORMS TO STANDARD OR GUIDE TITLE: ANSI Z34-1: 1993 "Third-party Certification Programs for Products, Processes and Services."
PRODUCT RETESTING REQUIREMENTS: N/A.
SURVEILLANCE TESTING REQUIREMENTS: Surveillance testing is performed only if conditions warrant.
ISO 9000 OR OTHER QUALITY SYSTEM REQUIREMENTS: N/A.

APPEALS PROCEDURE: ANSI appeals procedures are followed.

PROGRAM LOGO/MARK: Program has a logo.

US PROGRAM RECOGNITION: Occupational Safety & Health (OSHA), IECEE, American National Standards Institute (ANSI), U.S. Department of Labor (DOL), Nationally Recognized Testing Laboratory (NRTL), all states and municipalities.

FOREIGN PROGRAM RECOGNITION: Canada, Brazil, Argentina, Chile.

MOU/MRA ARRANGEMENTS: Participates in CB scheme.

DIRECTORY OF PARTICIPANTS: N/A.

DIRECTORY OF CERTIFIED PRODUCTS: MET "Listed Products Directory."

OTHER PUBLICATIONS: N/A.

**NAHB RESEARCH CENTER, INC.**

ACRONYM: NAHB

ADDRESS: 400 Prince Georges Blvd., Upper Marlboro, MD 20772

PHONE: (301) 249-4000 **FAX:** (301) 430-6180

INTERNET URL: <http://www.nahbrc.org> **E-MAIL:** tkenney@nahbrc.org

**LOCATION OF TESTING/
INSPECTION FACILITIES:** Marlboro, MD

**FACILITIES
ACCREDITED/RECOGNIZED:** International Association of Plumbing and Mechanical Officials (IAPMO)
- Test Laboratory, International Conference of Building Officials
(ICBO-ES), National Evaluation Services, Inc. (NES), Dade County, FL.

**PROGRAM DESCRIPTION/
PURPOSE:** NAHB Research Center, Inc., Laboratory Services Division, provides a labeling, listing, and follow-up quality assurance verification services for building products, as well as testing services for code compliance reports. NAHB's Plumbing Fixture Certification Program tests randomly-selected samples of plumbing fixtures for durability and safety. Meets the model codes' requirements for testing. NAHB's Insulation Certification Program verifies the manufacturers claims for insulation performance. Five different types of insulation are Certified. Its Trade-Contractor Certification Program approves insulation contractors who have trained employees and follow a quality assurance program derived from ISO 9000. Prospective manufacturers desiring an evaluation and listing of their products may request a program packet from the Research Center. The manufacturer must submit a list of those products that will be included in the program, along with detailed product information and production quality control procedures. When this information is received, a testing and certification agreement is executed by the manufacturer and the Research Center. Following the execution of the agreement, an initial inspection of the firm's manufacturing facilities is conducted by Research Center personnel, and quality control procedures are reviewed. Products are randomly selected from finished goods inventory, and shipped to the Research Center for testing and evaluation. These specimens are subjected to a stringent series of laboratory tests to determine whether they meet standards promulgated by HUD, ANSI, ASTM, and/or other code-and standards-issuing bodies. When the evaluation is completed and the product is found to be in compliance with specified performance requirements, a confidential report is sent to the manufacturer. The report contains a description of the product, test method and results, and denotes compliance with the applicable test standard or requirement. Upon successful completion of the testing and evaluation of the products, a License Agreement or authorization to use The Research Center seal is executed by the manufacturer and the Research Center. NAHB also conduct research on standards and test methods for building products.

DATE PROGRAM STARTED: 1964.

TOTAL PROGRAM STAFF: 7. **NO. OF PART-TIME STAFF:** 4.

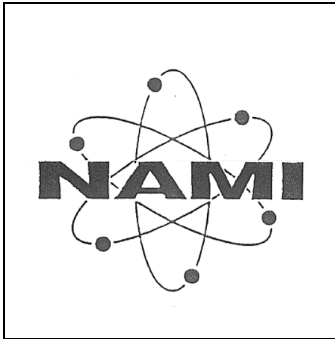
PROGRAM SUBCONTRACTORS: N/A.

SERVICES SUBCONTRACTED: Only flame spread/smoke testing according to E84.

**CERTIFICATION
AVAILABILITY:** Certification available to all U.S. and foreign companies, and members of the organization.

FEES: There is a fee to participate, which is available from NAHB.

NUMBER OF PARTICIPATING COMPANIES:	N/A.
NUMBER OF PARTICIPATING FACILITIES:	N/A.
CERTIFIED PRODUCTS/ PRODUCT CATEGORIES:	Residential window units, plastic bathtubs, plastic shower stalls, plastic lavatories, whirlpool bathtubs, cultured marble and onyx products, insulation-batt and blanket material, insulation-loose fill, rigid board mat insulation, fenestration products (including doors, windows, skylights, and sealed insulating glass).
STANDARDS/TEST METHODS USED:	American National Standards Institute (ANSI), American Society for Testing and Materials (ASTM), U.S. Department of Housing and Urban Development, Federal Housing Administration (HUD/FHA), National Electrical Manufacturers Association (NEMA), International Association of Plumbing and Mechanical Officials (IAPMO), Underwriters Laboratories (UL), International Conference of Building Officials (ICBO).
PROGRAM CRITERIA/ PROCEDURES:	A published set of program procedures is available from NAHB.
PROGRAM CONFORMANCE TO ISO/IEC GUIDE 65:	Program conforms to ISO/IEC Guide 65.
PROGRAM CONFORMS TO STANDARD OR GUIDE TITLE:	ANSI A112, A117.1, Z124, ASME/ANSI A112, ASTM A90/A90M, A370, C39, C78, C167, C272, C273, C518, C519, C578, C653, C739, D176, D198, D256, D635, D638, D2244, D2394, D2395, D2565, D2583, D2842, D5206, E8, E72, E84, E162, E196 E331, E564, E662, F446, F462, G26, Z97, BULLETIN No. 71a, 73a, 111, NAIMA 202, NEMA LD3, NIA 404, IAPMO PS92, UL1795, ICBO AC109, AC13.
PRODUCT RETESTING REQUIREMENTS:	N/A.
SURVEILLANCE TESTING REQUIREMENTS:	Surveillance testing is required.
ISO 9000 OR OTHER QUALITY SYSTEM REQUIREMENTS:	N/A.
APPEALS PROCEDURE:	Appeals Procedures are available from NAHB.
PROGRAM LOGO/MARK:	Program has a logo.
US PROGRAM RECOGNITION:	Federal: National Voluntary Laboratory Accreditation Program accredited laboratory, U.S. Housing and Urban Development Product Standards and Certification. Private sector: National Evaluation Services, Inc., ICBO Evaluation Services, Inc., International Association of Plumbing and Mechanical Officials, Recreation Vehicle Industry Association. State/local government: Los Angeles, CA - Testing Laboratory License.
FOREIGN PROGRAM RECOGNITION:	None.
MOU/MRA ARRANGEMENTS:	None.
DIRECTORY OF PARTICIPANTS:	A Directory of Participants is published on the website.
DIRECTORY OF CERTIFIED PRODUCTS:	A Directory of Certified products is published on the website.
OTHER PUBLICATIONS:	Other publications are available on the website.



**NATIONAL ACCREDITATION AND
MANAGEMENT INSTITUTE, INC.**

ACRONYM: NAMI

ADDRESS: 207 S. Washington Street, Berkeley Springs, WV 25411

PHONE: (304) 258-0100 **FAX:** (304) 258-5111

INTERNET URL: NAMI-IA.com **E-MAIL:** namiwv@intrepid.net

**LOCATION OF TESTING/
INSPECTION FACILITIES:** Berkeley Springs, WV

**FACILITIES
ACCREDITED/RECOGNIZED:** Not available.

**PROGRAM DESCRIPTION/
PURPOSE:** Certification services for all fenestration products including sealed insulating glass, widows, doors, and skylights.

DATE PROGRAM STARTED: 1989.

TOTAL PROGRAM STAFF: 3. **NO. OF PART-TIME STAFF:** N/A.

PROGRAM SUBCONTRACTORS: None.

SERVICES SUBCONTRACTED: None.

**CERTIFICATION
AVAILABILITY:** Certification available to all US and foreign companies.

FEES: There is a fee to participate. A copy may be obtained from NAMI.

**NUMBER OF PARTICIPATING
COMPANIES:** 325.

**NUMBER OF PARTICIPATING
FACILITIES:** 325.

**CERTIFIED PRODUCTS/
PRODUCT CATEGORIES:** Contact NAMI for a listing of certified products.

**STANDARDS/TEST METHODS
USED:** A published list of standards may be obtained from NAMI.

**PROGRAM CRITERIA/
PROCEDURES:** U.S. Department of Housing and Urban Development Use of Materials Bulletin, (HUD UM) 82, 89, 85, 111, and National Fenestration Rating Council, Inc. (NFRFC).

**PROGRAM CONFORMANCE TO
ISO/IEC GUIDE 65:** Program conforms to ISO/IEC Guide 65.

**PROGRAM CONFORMS TO
STANDARD OR GUIDE TITLE:** N/A.

**PRODUCT RETESTING
REQUIREMENTS:** Product retesting depends on program. Structural and thermal products are retested every 4 years. Sealed insulating glass is retested annually.

**SURVEILLANCE TESTING
REQUIREMENTS:** Surveillance testing is performed as required or determined.

**ISO 9000 OR OTHER
QUALITY SYSTEM
REQUIREMENTS:** None.

APPEALS PROCEDURE: Appeals Procedures are described in NAMI Procedural Guidelines, which may be obtained from NAMI.

PROGRAM LOGO/MARK: There is a logo, and it is Federally registered.

US PROGRAM RECOGNITION: U.S. Department of Housing and Urban Development (HUD)

FOREIGN PROGRAM RECOGNITION: N/A.

MOU/MRA ARRANGEMENTS: None.

DIRECTORY OF PARTICIPANTS: "NAMI Certified Products Directory".

DIRECTORY OF CERTIFIED PRODUCTS: Directory of Certified Products is published annually.

OTHER PUBLICATIONS: "NAMI Procedural Guidelines for Fenestration Products - Structural Properties," "NAMI Procedural Guidelines for Sealed Insulating Glass," and NAMI Procedural Guidelines for NFRC Ratings Program."



**NATIONAL BOARD OF BOILER AND PRESSURE VESSEL
INSPECTORS, THE**

ACRONYM: NBBI

ADDRESS: 1055 Crupper Avenue, Columbus, OH 43229

PHONE: (614) 888-8320 **FAX:** (614) 888-0750

INTERNET URL: <http://www.nationalboard.org/> **E-MAIL:** N/A.

**LOCATION OF TESTING/
INSPECTION FACILITIES:** Worthington, OH

**FACILITIES
ACCREDITED/RECOGNIZED:** Accredited by ASME International for capacity certification of pressure relief devices.

**PROGRAM DESCRIPTION/
PURPOSE:** NB has three programs: 1) the certification of pressure relief devices; 2) registration of boilers and pressure vessels; 3) issuance of the Repair Certificate of Authorization and "R" stamp for the repair and/or alteration of boilers, pressure vessels, and other pressure-retaining items.

NB accredits manufacturers of pressure relief devices and assemblers of pressure relief valves, which are designed, constructed, tested and marked in accordance with specified Codes recognized by the National Board. The purpose of this program is to provide the industry with a means to identify those pressure relief devices which are of types that the National Board has certified. The "NB" mark signifies that the relieving capacity or flow resistance and performance of the device type have been determined in accordance with the applicable construction code under National Board supervision. This program also provides the industry with a means to identify those organizations which have established and demonstrated an adequate quality system for the new construction of pressure relief devices.

The NB also offers a Pressure Relief Valve Repair Program or the "VR" Program, which accredits companies which repair pressure relief valves. Any company which meets the program requirements may obtain a Certificate of Authorization including owners and users of these devices. The purpose of the program is to provide the industry with a means to identify those organizations which have established and demonstrated an adequate quality system for the repair of pressure relief valves. The goal of the program is to improve the caliber of repairs to National Board capacity certified pressure relief valves bearing ASME Code symbols so that they will continue to protect boilers and pressure vessels from potentially catastrophic overpressure conditions.

The NB also registers boiler and pressure vessels to provide assurance to owners, users, manufacturers and jurisdictional authorities charged with public safety that the boilers, pressure vessels and other pressure retaining items have been manufactured in accordance with the ASME Code. In order to register an item with the National Board, the following criteria must be met: the item must be manufactured and stamped in accordance with the ASME Code; and the manufacturer's quality program must be accredited by ASME; and the manufacturing process must provide for third party inspection by individuals independent from the manufacturer and who hold a valid National Board Commission with appropriate endorsements; and the manufacturer must complete the applicable Manufacturer's Data Report (MDR).

NB also offers the Repair Certificate of Authorization and "R" stamp for the repair and/or alteration of boilers, pressure vessels, and other pressure-retaining items. Detailed requirements are included in the current edition of the National Board Inspection Code (NB-23). Before an organization can obtain a National Board "R" Certificate of Authorization, the organization shall: a) have and maintain an

inspection agreement with an authorized inspection agency.
b) have a written quality system that complies with the requirements of Part RA of the current edition of the National Board Inspection Code and includes the expected scope of activities; c) have the current edition of the National Board Inspection Code; d) have available a copy of the code of construction appropriate to the intended scope of work. Prior to issuance of a National Board "R" Certificate of Authorization, the organization and its facilities are subject to a review of its quality system (referred to as a Joint Review).

In addition, NB also offers a certificate of accreditation to Owner-User organizations for the in-service inspection and/or acceptance inspection of repairs and/or alteration of boilers, pressure vessels, or other pressure-retaining items owned or operated by the organization. Before an organization can qualify as an Owner-User Inspection Organization, it shall meet the following criteria: a) it must be an organization that owns/operates pressure-retaining items; b) it must employ inspectors who have valid owner/user commissions issued by the National Board; c) it must have an organizational structure and inspection program that supports the inspection process; d) it must meet the jurisdictional requirements appropriate to the location; e) it must have its inspection program and facilities reviewed by the jurisdiction or by the National Board, depending upon jurisdictional requirements; and f) it must have the current edition of the National Board Inspection Code.

DATE PROGRAM STARTED:	Program 1 - 1939; Program 2 - 1922; and Program 3 - 1972.	
TOTAL PROGRAM STAFF:	20.	NO. OF PART-TIME STAFF: 10.
PROGRAM SUBCONTRACTORS:	None.	
SERVICES SUBCONTRACTED:	None.	
CERTIFICATION AVAILABILITY:	Certification available to all U.S. and foreign companies.	
FEES:	There is a fee schedule, which is available from NBBI.	
NUMBER OF PARTICIPATING COMPANIES:	4000.	
NUMBER OF PARTICIPATING FACILITIES:	4000.	
CERTIFIED PRODUCTS/ PRODUCT CATEGORIES:	Boilers/Power, Boilers/Heating, Pressure Vessels, and Pressure Relief Devices.	
STANDARDS/TEST METHODS USED:	Method included in the ASME Boiler and Pressure Vessel Code and PTC 25 Pressure Relief Devices.	
PROGRAM CRITERIA/ PROCEDURES:	Published program procedures may be purchased from National Board.	

PROGRAM CONFORMANCE TO ISO/IEC GUIDE 65:	N/A.
PROGRAM CONFORMS TO STANDARD OR GUIDE TITLE:	ANSI/NB 23 - National Board Inspection Code, ASME Boiler and Pressure Vessel Code.
PRODUCT RETESTING REQUIREMENTS:	Safety Relief Devices - samples are tested annually.
SURVEILLANCE TESTING REQUIREMENTS:	Surveillance testing is performed every 5 years.
ISO 9000 OR OTHER QUALITY SYSTEM REQUIREMENTS:	For pressure relief devices, the manufacturer's or assembler's quality system must be accepted by a representative of the National Board. The representative reviews the written description of the quality system and observes a demonstration of its implementation. For registration, the manufacturer's quality program must be accredited by ASME. Prior to issuance of a National Board "R" Certificate of Authorization, the organization and its facilities are subject to a review of its quality system.
APPEALS PROCEDURE:	Committees with balance of interest from industry consider appeals in accordance with formal procedures.
PROGRAM LOGO/MARK:	Program has a logo, and it is Federally registered.
US PROGRAM RECOGNITION:	48 of the 40 States mandate compliance and a large number of cities and counties. At least Department of Transportation (DOT).
FOREIGN PROGRAM RECOGNITION:	N/A.
MOU/MRA ARRANGEMENTS:	N/A.
DIRECTORY OF PARTICIPANTS:	Directory of Participants is available free from the website at http://www.nationalboard.org . Go to "Manufacturer/Repair Directory."
DIRECTORY OF CERTIFIED PRODUCTS:	A Product Directory (NB18) is published for pressure relief devices only.
OTHER PUBLICATIONS:	Criteria for Registration of Boilers, Pressure Vessels, and Other Pressure Retaining Items (NB264, Rev. 3); Pressure Relief Device Certifications (NB18), National Board Inspection Code (NB23).

NOT AVAILABLE

NATIONAL EVALUATION SERVICE, INC.

ACRONYM: NES

ADDRESS: 5203 Leesburg Pike, Suite 708, Falls Church, VA 22041

PHONE: (703) 931-2187 **FAX:** (703) 931-6505

INTERNET URL: <http://www.nateval.org> **E-MAIL:** dconover@nateval.org

**LOCATION OF TESTING/
INSPECTION FACILITIES:** N/A.

**FACILITIES
ACCREDITED/RECOGNIZED:** N/A.

**PROGRAM DESCRIPTION/
PURPOSE:** NES is an independent, not-for-profit organization that conducts a voluntary program of evaluation for both traditional and innovative building materials, products and systems. NES evaluates building technologies with respect to building code compliance and issue national evaluation reports on the results of the evaluation so as to facilitate technology acceptance in a more timely manner. An NES report is an objective engineering analysis which describes the subject in detail and advises the report user as to the conditions under which the report subject can be used in compliance with the requirements of the model codes (National, International, Standard, and Uniform). The NES is the only national program of its kind in the United States which specifically performs evaluations for compliance with requirements of the three model codes and the International Codes of the International Code Council. The NES does not perform any testing. All testing required to demonstrate the performance of the subject is arranged and paid for by the applicant. Testing is to be performed by a competent, independent, third-party testing agency.

DATE PROGRAM STARTED: Late 1970's.

TOTAL PROGRAM STAFF: 25. **NO. OF PART-TIME STAFF:** N/A.

PROGRAM SUBCONTRACTORS: None, except for the testing arranged by the manufacturer and performed by independent, third party testing agencies.

SERVICES SUBCONTRACTED: None.

**CERTIFICATION
AVAILABILITY:** Any proponent of a building product, material system, subsystem, etc., all U.S. and foreign companies.

FEES: Fees are set by the NES Board of Directors with regard to services performed for those fees. A fee schedule is published on the NES website at www.nateval.org, or by contacting NES.

**NUMBER OF PARTICIPATING
COMPANIES:** 50.

**NUMBER OF PARTICIPATING
FACILITIES:** 200.

**CERTIFIED PRODUCTS/
PRODUCT CATEGORIES:** See website at www.nateval.org for a full listing. Evaluation Reports cover the following: testing laboratories, third-party Q/A agencies, software, a full range of building products and materials, a number of building systems and subsystems.

**STANDARDS/TEST METHODS
USED:** Building technologies are evaluated by NES for compliance with the model building codes of BOCA, ICBO, SBCCI and the ICC. Those documents specify standards and other criteria that must be satisfied.

PROGRAM CRITERIA/ PROCEDURES:	Program procedures are published on the NES website at www.nateval.org or may be obtained by contacting NES.
PROGRAM CONFORMANCE TO ISO/IEC GUIDE 65:	N/A.
PROGRAM CONFORMS TO STANDARD OR GUIDE TITLE:	N/A.
PRODUCT RETESTING REQUIREMENTS:	Product evaluation must be revisited at least every two years.
SURVEILLANCE TESTING REQUIREMENTS:	The NES procedures provide for this when it is believed necessary with respect to an evaluated building technology.
ISO 9000 OR OTHER QUALITY SYSTEM REQUIREMENTS:	N/A.
APPEALS PROCEDURE:	None.
PROGRAM LOGO/MARK:	Program has a logo.
US PROGRAM RECOGNITION:	The NES Evaluation Program is widely used by state and local agencies enforcing building codes.
FOREIGN PROGRAM RECOGNITION:	NES has memoranda with counterparts in other countries.
MOU/MRA ARRANGEMENTS:	N/A.
DIRECTORY OF PARTICIPANTS:	Product Evaluation Listings are mailed on a regular basis and are published on the website at http://www.nateval.org .
DIRECTORY OF CERTIFIED PRODUCTS:	A Directory of Certified Products is published on the website at http://www.nateval.org .
OTHER PUBLICATIONS:	"NES Informational Bochure" and other publications may be viewed on the website at www.nateval.org .



NATIONAL FENESTRATION RATING COUNCIL INCORPORATED

ACRONYM: NFRC

ADDRESS: 1300 Spring Street, Suite 500, Silver Spring, MD 20910

PHONE: (301) 589-6372 **FAX:** (301) 588-6342

INTERNET URL: <http://www.nfrc.org> **E-MAIL:** nfrcusy@aol.com

LOCATION OF TESTING/INSPECTION FACILITIES: NFRC-accredited laboratories. The rating must then be reviewed by an Independent Inspection and Certification Agency which has been licensed by NFRC in accordance with the requirements of the Certification Agency Program ("CAP").

FACILITIES ACCREDITED/RECOGNIZED: N/A.

PROGRAM DESCRIPTION/PURPOSE: NFRC has developed and operates a uniform national rating system for energy performance of fenestration products, including windows, doors, skylights, and similar products. The linchpin of the Rating System is a Procedure for determining the thermal transmittance ("U-Factor") of a product. The U-factor rating procedure is supplemented by procedures for rating products for solar heat gain coefficient ("solar heat gain" or "SHGC"), visible transmittance ("VT"), and air leakage ("AL"). Together, these rating procedures, as set forth in documents published by NFRC, are known as the NFRC Rating System. The Rating System is expected to be supplemented by additional procedures for rating energy performance characteristics, including long term energy performance and condensation resistance.

DATE PROGRAM STARTED: 1992.

TOTAL PROGRAM STAFF: N/A. **NO. OF PART-TIME STAFF:** N/A.

PROGRAM SUBCONTRACTORS: N/A, but they would include: NFRC-accredited laboratories and Independent Inspection and Certification Agencies, which have been licensed by NFRC.

SERVICES SUBCONTRACTED: N/A.

CERTIFICATION AVAILABILITY: Certification available to all U.S. and foreign companies.

FEES: A fee schedule may be obtained by contacting NFRC.

NUMBER OF PARTICIPATING COMPANIES: N/A.

NUMBER OF PARTICIPATING FACILITIES: N/A.

CERTIFIED PRODUCTS/PRODUCT CATEGORIES: Windows, doors and skylights.

STANDARDS/TEST METHODS USED:	Self-developed, American Society for Testing and Materials (ASTM), American Society of Heating, Refrigeration and Air Conditioning (ASHRAE), International Organization for Standardization (ISO)
PROGRAM CRITERIA/PROCEDURES:	Program procedures may be obtained by contacting NFRC.
PROGRAM CONFORMANCE TO ISO/IEC GUIDE 65:	N/A.
PROGRAM CONFORMS TO STANDARD OR GUIDE TITLE:	N/A.
PRODUCT RETESTING REQUIREMENTS:	Products are retested every 4 years.
SURVEILLANCE TESTING REQUIREMENTS:	Periodic surveillance testing is performed.
ISO 9000 OR OTHER QUALITY SYSTEM REQUIREMENTS:	N/A.
APPEALS PROCEDURE:	Program has an appeals procedure, which may be obtained by contacting NFRC.
PROGRAM LOGO/MARK:	Program has a logo and it is Federally registered.
US PROGRAM RECOGNITION:	U.S. Department of Energy (DOE); national and state code bodies.
FOREIGN PROGRAM RECOGNITION:	N/A.
MOU/MRA ARRANGEMENTS:	N/A.
DIRECTORY OF PARTICIPANTS:	A Directory of Participants is published annually.
DIRECTORY OF CERTIFIED PRODUCTS:	"NFRC Certified Products Directory" is published annually.
OTHER PUBLICATIONS:	"NFRC Product Certification Program," "NFRC Laboratory Accreditation Program," and "NFRC Independent Agency Licensing Program."



NATIONAL MARINE MANUFACTURERS ASSOCIATION

ACRONYM: NMMA

ADDRESS: 200 East Randolph Drive, Chicago, IL 60601

PHONE: (312) 946-6200 **FAX:** (312) 946-0388

INTERNET URL: <http://www.nmma.org> **E-MAIL:** tmarhevko@nmma.org

**LOCATION OF TESTING/
INSPECTION FACILITIES:** Certified (Approved) testing facilities are located throughout the country.

**FACILITIES
ACCREDITED/RECOGNIZED:** N/A.

**PROGRAM DESCRIPTION/
PURPOSE:** NMMA, a nonprofit association founded in 1979, has more than 1,600 companies, which produce every conceivable product used by recreational boaters. An estimated 80 percent of marine products used in North America are produced by NMMA members. NMMA oversee a program of independent laboratories and third-party inspection organizations, to perform compliance tests and required follow-up inspections on recreational boats, personal watercraft, boat components, electrical systems, navigation, lighting, and recreational boat trailers. Many, but not all, boats are now required to meet a set of minimum manufacturing regulations written by the Coast Guard. NMMA verifies annually, or whenever a new product is introduced, that boat model lines satisfy not only the minimum Coast Guard regulations but also the more rigorous standards established by the American Boat & Yacht Council. NMMA also oversees a component type accepted program to assist certified boat and yacht manufacturers in using equipment that meets the applicable American Boat and Yacht Council (ABYC) standards and the U.S. Coast Guard regulations, NMMA requires test reports from component manufacturers. The approved product listing of navigational lights, fuel tanks, fuel hoses, bilge pumps, bilge blowers, steering helms, steering wheels, and horns is then published for the mandatory use of all certified boat companies. There is no charge to the component manufacturer for listing their product. The list is updated frequently and mailed out at least three times a year. In development is a component type accepted program for recreational boat trailers.

DATE PROGRAM STARTED: 1968.

TOTAL PROGRAM STAFF: 6. **NO. OF PART-TIME STAFF:** 0.

PROGRAM SUBCONTRACTORS: Quality Tech.

SERVICES SUBCONTRACTED: Boat, yacht, personal watercraft and boat trailer certification inspection is subcontracted to Quality Tech.

**CERTIFICATION
AVAILABILITY:** Certification available to all U.S. and foreign companies. Association members and non-members may participate.

FEES: The fees include an administration and maintenance fee, and a fee to cover the costs of the inspection. In the oil certification program, the fees include testing and registration. A Fee Schedule is available from NMMA.

NUMBER OF PARTICIPATING COMPANIES: 250.

NUMBER OF PARTICIPATING FACILITIES: 280.

CERTIFIED PRODUCTS/ PRODUCT CATEGORIES: Boats, yachts, trailers, personal watercraft, 2-cycle gasoline engine lubricants, along with the following components: bilge pumps and blowers, fuel tanks, mechanical steering systems, fuel hose, navigation lights, steering wheels, horns.

STANDARDS/TEST METHODS USED: Uses American Society for Testing and Materials (ASTM), American National Standards Institute (ANSI), American Society of Mechanical Engineers (ASME), National Electrical Manufacturers Association (NEMA), Underwriters Laboratories (UL), Institute of Electrical and Electronics Engineers (IEEE), Society of Automotive Engineers (SAE), National Marine Manufacturers' Association (NMMA), National Fire Protection Association (NFPA), military specifications and federal standards, including those issued by Department of Transportation and U.S. Coast Guard.

PROGRAM CRITERIA/ PROCEDURES: The certification procedures are included in the NMMA Certification Handbook.

PROGRAM CONFORMANCE TO ISO/IEC GUIDE 65: N/A.

PROGRAM CONFORMS TO STANDARD OR GUIDE TITLE: 33 CFR, 46 CFR, and American Boat and Yacht Council Standards.

PRODUCT RETESTING REQUIREMENTS: Product retesting is performed annually.

SURVEILLANCE TESTING REQUIREMENTS: Boats, yachts and personal watercraft are periodically and randomly reinspected throughout the year. Components are only tested once.

ISO 9000 OR OTHER QUALITY SYSTEM REQUIREMENTS: None.

APPEALS PROCEDURE: Since the certification program is contractual, normal corporate appeal mechanisms are employed. Other appeals can be presented to the governing committee or oversight board.

PROGRAM LOGO/MARK: Program has a logo.

US PROGRAM RECOGNITION: Boat, yacht, and personal watercraft certification by U.S. Coast Guard, boat components by U.S. Coast Guard, and trailer certification by National Highway Traffic Safety Administration.

FOREIGN PROGRAM RECOGNITION: Canadian Coast Guard Transport Canada, Recreational Craft Sectoral Group, International Marine Certification Institute.

MOU/MRA ARRANGEMENTS: None.

DIRECTORY OF PARTICIPANTS: Directory of Participants is available on the website at <http://www.nmma.org>.

DIRECTORY OF CERTIFIED PRODUCTS: None.

OTHER PUBLICATIONS: The NMMA Certification Handbook is the principal publication, which contains necessary standards, applications and supporting documents.



NATIONAL OAK FLOORING MANUFACTURERS ASSOCIATION

ACRONYM: NOFMA

ADDRESS: P.O. Box 3009, Memphis, TN 38173

PHONE: (901) 526-5016 **FAX:** (901) 526-7022

INTERNET URL: <http://www.nofma.org> **E-MAIL:** info@nofma.org

**LOCATION OF TESTING/
INSPECTION FACILITIES:** N/A.

**FACILITIES
ACCREDITED/RECOGNIZED:** N/A.

**PROGRAM DESCRIPTION/
PURPOSE:** Non-profit trade association representing hardwood flooring manufacturers. Since 1909 its principal function has been to formulate and administer industry standards on hardwood flooring. Establishing grading rules for flooring is a major part of these standards. Presently the Official Flooring Grading Rules cover unfinished hardwood strip in oak, beech, birch, hard maple, hickory/pecan, ash, and prefinished oak. NOFMA is the governing body for hardwood flooring manufacturing and grading rules. In January, 1999, NOFMA began a program for certification of Engineered Flooring products. The program involved establishing grading rules for engineered flooring. These new engineered grading standards have now been incorporated in the Official Flooring Grading Rules.

DATE PROGRAM STARTED: 1909 for grading.

TOTAL PROGRAM STAFF: 6. **NO. OF PART-TIME STAFF:** N/A.

PROGRAM SUBCONTRACTORS: N/A.

SERVICES SUBCONTRACTED: N/A.

**CERTIFICATION
AVAILABILITY:** Certification available to members of the association. Only U. S. manufacturers are eligible to be NOFMA members.

FEES: Cost for inspection and certification based on member flooring shipments per month.

**NUMBER OF PARTICIPATING
COMPANIES:** 27.

**NUMBER OF PARTICIPATING
FACILITIES:** 42.

**CERTIFIED PRODUCTS/
PRODUCT CATEGORIES:** Flooring of oak, ash, beech/birch, maple, hickory/pecan, walnut, cherry, and engineered hardwood flooring.

STANDARDS/TEST METHODS USED:	N/A.
PROGRAM CRITERIA/ PROCEDURES:	Set of standards for grading flooring "NOFMA Grading Rules."
PROGRAM CONFORMANCE TO ISO/IEC GUIDE 65:	N/A.
PROGRAM CONFORMS TO STANDARD OR GUIDE TITLE:	N/A.
PRODUCT RETESTING REQUIREMENTS:	Inspects each plant quarterly.
SURVEILLANCE TESTING REQUIREMENTS:	N/A.
ISO 9000 OR OTHER QUALITY SYSTEM REQUIREMENTS:	N/A.
APEALS PROCEDURE:	N/A.
PROGRAM LOGO/MARK:	Program has a logo.
US PROGRAM RECOGNITION:	Standard accepted by U.S. Department of Commerce.
FOREIGN PROGRAM RECOGNITION:	N/A.
MOU/MRA ARRANGEMENTS:	N/A.
DIRECTORY OF PARTICIPANTS:	"Buyer's Guide: A Directory of Companies Manufacturing "NOFMA Certified" Hardwood Flooring" is available free from NOFMA.
DIRECTORY OF CERTIFIED PRODUCTS:	A Directory of Certified Products is available from NOFMA.
OTHER PUBLICATIONS:	List of Members is available from NOFMA.

NOT AVAILABLE

NEBRASKA TRACTOR TEST LABORATORY

ACRONYM: NTTL

ADDRESS: 35th and East Campus Loop, P.O. Box 830832, Lincoln, NE 68583-0832

PHONE: (402) 472-2442 **FAX:** (402) 472-8367

INTERNET URL: <http://www.ianr.unl.edu/ianr/bse/tt> **E-MAIL:** tractortestlab@unl.edu

**LOCATION OF TESTING/
INSPECTION FACILITIES:** Nebraska Tractor Test Laboratory, 35th and East Campus Loop,
P.O. Box 830832, Lincoln, NE 68583-0832

**FACILITIES
ACCREDITED/RECOGNIZED:** Equipment Manufacturers Institute, Organization for Economic
Cooperation and Development (OECD).

**PROGRAM DESCRIPTION/
PURPOSE:** The Nebraska tractor test law requires any current tractor model with
more than 40 PTO horsepower to have a sales permit in order for it to
be sold in Nebraska. A sales permit is issued to the manufacturer after
the tractor model has been tested at any official OECD tractor test
station and the representations and claims made for the tractor model
are shown to be true. The tractor test law is relevant only to current
tractor models. NTTL is responsible for providing OECD tractor tests
for the U.S. Official verification of advertised performance of
agricultural tractors.

DATE PROGRAM STARTED: 1920.

TOTAL PROGRAM STAFF: 4. **NO. OF PART-TIME STAFF:** 5.

PROGRAM SUBCONTRACTORS: None.

SERVICES SUBCONTRACTED: None.

**CERTIFICATION
AVAILABILITY:** Certification available to all U.S. and foreign companies.

FEES: Memorandum of Understanding with tractor manufacturers.

**NUMBER OF PARTICIPATING
COMPANIES:** Not available, though it had completed 1,781 tests as of 15 July
2000. Since 1920, more than 1750 models of tractors have been evaluated
by Nebraska Tractor Test.

**NUMBER OF PARTICIPATING
FACILITIES:** Not available.

**CERTIFIED PRODUCTS/
PRODUCT CATEGORIES:** Agricultural tractors.

**STANDARDS/TEST METHODS
USED:** Organization for Economic Cooperation and Development (OECD), Society
of Automotive Engineers/American Society of Agricultural Engineers
(SAE/ASAE).

PROGRAM CRITERIA/ PROCEDURES:	None.
PROGRAM CONFORMANCE TO ISO/IEC GUIDE 65:	N/A.
PROGRAM CONFORMS TO STANDARD OR GUIDE TITLE:	OECD Code 1 "Testing of Tractor Performance;" OECD Code 2 "Testing of Tractor Performance;" OECD Code 3 "Dynamic Testing of Rollover Protective Structure;" OECD Code 4 "Static Testing of Rollover Protective Structure;" OECD Code 5 "Measurement of Noise at the Driving Position;" OECD Code 6 "Testing of Protective Structure Front-mounted on Narrow Track Tractors;" OECD Code 7 "Testing of Protective Structure rear-mounted on Narrow Track Tractors;" OECD Code 8 "Testing of Protective Structure on Track-laying Tractors;" ASAE/SAE J708 "Agricultural Tractor Test Code."
PRODUCT RETESTING REQUIREMENTS:	N/A.
SURVEILLANCE TESTING REQUIREMENTS:	None.
ISO 9000 OR OTHER QUALITY SYSTEM REQUIREMENTS:	None.
APPEALS PROCEDURE:	None.
PROGRAM LOGO/MARK:	None.
US PROGRAM RECOGNITION:	State of Nebraska, Department of Agriculture.
FOREIGN PROGRAM RECOGNITION:	The University of Nebraska Tractor Test Laboratory is the official designated tractor testing station for the United States to carry out OECD tests. The OECD rules require that a tractor be tested in the country of origin. The Nebraska Tractor Test Laboratory conducts OECD tests for U.S. manufacturers who export tractors to other OECD countries.
MOU/MRA ARRANGEMENTS:	None.
DIRECTORY OF PARTICIPANTS:	None.
DIRECTORY OF CERTIFIED PRODUCTS:	MP37 published annually.
OTHER PUBLICATIONS:	N/A.



NORTH AMERICAN CRANE BUREAU GROUP, INC.

ACRONYM: NACB

ADDRESS: 217 North Westmonte Drive, Suite 3019, Altamonte Springs, FL 32714

PHONE: 1-800-654-5640 FAX: 1-407-869-8778

INTERNET URL: <http://www.cranesafe.com> E-MAIL: nacb.inc@worldnet.att.net

LOCATION OF TESTING/
INSPECTION FACILITIES: N/A.

FACILITIES
ACCREDITED/RECOGNIZED: North American Crane Bureau Group, Inc. is accredited by several recognized authorities to inspect and issue documents of certification for material handling devices by: U.S. Department of Labor/OSHA; Cal/OSHA; WISHA; Nevada/OSHA; State of New Mexico.

PROGRAM DESCRIPTION/
PURPOSE: Provides specialized safety training to over 88,000 crane and rigging professionals through the U.S. and overseas. The following programs/ services are offered to clients: operator training courses for mobile, tower, and overhead cranes, lift trucks, boom trucks, aerial work platforms, and digger derricks; refresher courses for mobile crane inspector, overhead crane inspector, mobile crane train the trainer and overhead crane train the trainer; inspector training programs for mobile cranes, overhead cranes, aerial work platforms, and California Inspector Licensing Preparation, inspection services, load chart/load testing course, specialty courses: NavSea Standard Item 009-40 course for contractor cranes at government facilities NAVFAC P-307 course; hand-on training in industrial rigging and overhead hoist maintenance training programs; programs offered at our facilities across the United States or on-site at your facilities; litigation support with expert witness, accident investigation and reconstruction site safety surveys and equipment appraisals; training with simulators; annual professional development conference (PDC); hydraulic mobile crane and overhead crane and hoist operator refresher pre-packs; videos on leadership awareness for mobile crane operations, pendant operated underhung hoist safety, mobile or overhead crane communications (available in Spanish), cab operated overhead crane safety (available in Spanish), remote controlled overhead crane safety (available in Spanish), basic overhead crane safety (available in Spanish); hand signal posters and cards, clothing merchandise, warning tags and sheave gauges.

TOTAL PROGRAM STAFF: 11. NO. OF PART-TIME STAFF: 0.

PROGRAM SUBCONTRACTORS: None.

SERVICES SUBCONTRACTED: None.

CERTIFICATION AVAILABILITY: Certification available to all U.S. and foreign companies.

FEES: Program fees for each individual who attends classes or a conference. These fees cover training materials, instructor(s) salary, flight and hotel accommodations for instructor(s). Fees also cover renting/leasing training space. Discounts are offered for multiple registrations from one organization. Discounts offered are as follows: 2-4 registrants - 15%; 5 or more - 20%. Full payment is required upon receipt of confirmation. An explanation of fees are available from NACB.

NUMBER OF PARTICIPATING COMPANIES: Over 50.

NUMBER OF PARTICIPATING FACILITIES: Countless, depends on the number of on-site programs.

CERTIFIED PRODUCTS/
PRODUCT CATEGORIES: Slings, hoists, load testing of cranes, overhead cranes, mobile cranes, mobile crane operators, overhead crane operators, boom truck operators, tower crane operators, mobile crane inspectors, overhead crane inspectors, aerial work platform operators, aerial work platform inspectors, digger derrick operators, in-house trainers for mobile crane, overhead crane, aerial work platform and lift truck operators.

STANDARDS/TEST METHODS
USED: OSHA regulations and consensus standards pertaining to lift equipment, surveys and testing on cranes/equipment specific to what client uses.

PROGRAM CRITERIA/
PROCEDURES: The documents must be completed by the applicant prior to or during class registration. They may be obtained from the NACB Group, Inc.

PROGRAM CONFORMANCE TO
ISO/IEC GUIDE 65: None.

PROGRAM CONFORMS TO STANDARD OR GUIDE TITLE: 29 CFR 1910 - OSHA regulations-General Industry; 29 CFR 1915 - OSHA regulations-Shipyard Industry; 29 CFR 1917 - OSHA regulations-Longshoring Industry; 29 CFR 1926 - OSHA regulations-Construction Industry; ASME B30 Standards - Safety Standard for Cableways, Cranes, Derricks, Hoists, Hooks, Jacks, and Slings; ASME B56 Standards - Safety Standard for Low Lift and High Lift Trucks; Safety Standard for Industrial Crane Trucks; ASME A92 Standards - American National Standards for Aerial Work Platforms; ANSI HST Standards - Standards for Hoists; CMAA Spec. 61, 70, 74 - Specifications for Overhead Cranes; PCSA No. 4 - Mobile Power Crane and Excavator and Hydraulic Crane Standards; ISO 12480-1, 8792, 8793, 8794, 7595, 7596, 1834, 1835 - Cranes and slings; NEMA Standards - Safety Color Code, Criteria for Safety Symbols, Product Safety Signs and Labels; WRTE - Wire Rope User's Guide; AWS Standards - Structural Welding Code, Specification for Welding of Industrial and Mill Cranes and Other Material Handling Equipment; SAE Standards - J765, J987, J1028; NFPA Vol. 10 and NFPA 241 - Standard for Portable Fire Extinguishers, Standard for Safeguarding; NEC 610 - Cranes and Hoists; State OSHA plans as applicable API - Recommended Practice for Operation and Maintenance of Offshore Cranes; NAVFAC P-307 - Management of Weight Handling Equipment; NavSea Standard Item 009-40 -0 Contractor Cranes at Government Facilities.
Program also complies with ISO 9000 Quality System.

PRODUCT RETESTING REQUIREMENTS: Products are retested as applicable by federal regulations, consensus standards, and manufacturer recommendations.

SURVEILLANCE TESTING REQUIREMENTS: N/A.

ISO 9000 OR OTHER QUALITY SYSTEM REQUIREMENTS: Quality system requirements vary based on legal requirements and product.

APPEALS PROCEDURE: Appeals Procedures are available from NACB.

PROGRAM LOGO/MARK: Program has a logo.

US PROGRAM RECOGNITION: United States Department of Labor/OSHA under Part 1919, the State of California under #CA-225, WISHA, Nevada/OSHA, and the State of New Mexico for inspection of equipment. In addition, operator testing meets the requirements of the applicable OSHA 1910 and 1926 regulations and the ASME B30 and B56 volumes.

FOREIGN PROGRAM RECOGNITION: None.

MOU/MRA ARRANGEMENTS: N/A.

DIRECTORY OF PARTICIPANTS: A partial listing of participants is published in the Training Brochure and the Professional Development Conference (PDC) mailing. These publications are mailed to the company's clients.

DIRECTORY OF CERTIFIED PRODUCTS: A Directory of Certified Products is published in the Training Brochure.

OTHER PUBLICATIONS: "CraneWorks," "California Lawyer," "Wire Rope News and Sling Technology," and "Training Schedule Brochure" are available.



DATE RECEIVED: 6/00

NSF INTERNATIONAL

ACRONYM: NSF

ADDRESS: 789 Dixboro Road, Ann Arbor, MI 48105

PHONE: (734) 913-5702 **FAX:** (734) 769-0109

INTERNET URL: <http://www.nsf.org> **E-MAIL:** jost@nsf.org info@nsf.org

LOCATION OF TESTING/INSPECTION FACILITIES: Ann Arbor, MI; Chelsea, MI; Sacramento, CA; Medmenham, U.K., Oakdale, U.K., Brussels, Belgium, Tokyo, Japan, Hong Kong, Cairo

FACILITIES ACCREDITED/RECOGNIZED: ANSI BOCA, SBCCI, ICBO; Massachusetts Plumbing Board; City of Los Angeles; Standards Council of Canada (SCC); American Board of Sanitary Engineers (ASSE) Board of Building Standards (BBS-State of Ohio); International Association of Plumbing and Mechanical Officials (IAPMO); Occupational Safety and Health Administration (OSHA); Recreation Vehicle Industry Association (RVIA). Product Certification programs are accredited by ANSI against Z34.1, and the Dutch Council for Accreditation (RvA) against EN4501. ISO registration accredited by RvA and ANSI/RAB. ISO Guide 65. State/Local Certifications: CA, CT, FL, MD, MI, NJ, NY, OR, PA, SC, Los Angeles.

PROGRAM DESCRIPTION/PURPOSE: Dedicated to public health, safety, and protection of the environment by developing standards, by providing education, and by providing superior third-party conformity assessment services while representing the interests of all stakeholders.

DATE PROGRAM STARTED: 1951 for product certification.

TOTAL PROGRAM STAFF: 250. **NO. OF PART-TIME STAFF:** N/A.

PROGRAM SUBCONTRACTORS: N/A.

SERVICES SUBCONTRACTED: None.

CERTIFICATION AVAILABILITY: Certification available to all U.S. and foreign companies.

FEES: There is a fee schedule, which may be obtained from NSF.

NUMBER OF PARTICIPATING COMPANIES: Over 5000.

NUMBER OF PARTICIPATING FACILITIES: Over 7000.

CERTIFIED PRODUCTS/PRODUCT CATEGORIES: Food equipment: commercial spray-type dishwashing machines; commercial cooking, re-thermalization and powered hot food holding and transport equipment; water heaters, hot water supply boilers, heat recovery equipment, dispensing freezers, commercial refrigerators and freezers, commercial powered food preparation equipment, refuse compactors and compactor systems, automatic ice-making equipment, manual food and beverage dispensing equipment, commercial bulk milk dispensing equipment, thermoplastic refuse containers, vending machines for food and beverages, pot, pan and utensil commercial spray-type washing machines, laminated plastics for surface food service equipment, dinnerware, air curtains for entranceways in food and food service establishments, food equipment materials and components used in food equipment, supplemental flooring, food carts and food processing equipment. Drinking Water Treatment Units: drinking water treatment units-aesthetic effects, residential cation exchange water softeners, drinking water treatment units-health effects, ultraviolet microbiological water treatment systems, reverse osmosis drinking water treatment systems, and drinking water distillation systems. Drinking Water Additives: Coagulation and flocculation chemicals; corrosion and scale control chemicals, disinfection and oxidation chemicals, well drilling products. Wastewater: Residential wastewater treatment systems, non-liquid saturated treatment systems, wastewater recycle/refuse and water conservation devices. Plastic Piping Systems Components and Related Products: Pipes and related products, barrier materials, joining and sealing materials, process media, mechanical devices. Plastics: Plastic piping components and related materials, plumbing system components for manufactured homes and recreational vehicles. Pools, Spas and Hot Tubs: Circulation system components and related materials for pools, spas and hot tubs. Bottled Water and Packaged Ice: Bottled water, packaged ice, containers and closures for bottled water. Food Processing Equipment: Food Processing Conveyers, seafood processing equipment, food processing hand-held tools. Biohazard Cabinetry: Class II (Laminar Flow) biohazard cabinetry. ISO 9000 Registration: Quality systems-model for quality assurance in design/development, production, installation and servicing; quality systems-model for quality assurance in production and installation; and quality systems-model for quality assurance in testing and inspection. Non-Potentially Hazardous Foods: non-refrigerated shelf-stable bakery products. Non-Food Compounds: cleaners, sanitizers, disinfectants and lubricants.

STANDARDS/TEST METHODS American National Standards Institute (ANSI/NSF); American Society for Testing and

USED: Materials (ASTM); American Society of Sanitary Engineering Engineers (ASSE); American Society of Mechanical Engineers (ASME); Underwriters Laboratories (UL); Canadian Standards Association (CSA); American Society of Heating, Refrigeration and Air Conditioning (ASHRAE); American Water Works Association (AWWA); National Fluid Power Association (NFPA); Deutsche Industrie-Normen (German Industrial Standards (DIN); British Standards Institution, Inc. (BSI); JIS; HI; International Association of Plumbing and Mechanical Officials (IAPMO); Deutscher Verein des Gas und Wassenfachern e.V. (DVGW); EPA Methods; Standard Method.

PROGRAM CRITERIA/ PROCEDURES: Program procedures are available from NSF.

PROGRAM CONFORMANCE TO ISO/IEC GUIDE 65: Program conforms to ISO/IEC Guide 65.

PROGRAM CONFORMS TO STANDARD OR GUIDE TITLE: ENA 45011; ISO/IEC 17025.

PRODUCT RETESTING REQUIREMENTS: Product retesting varies by type of product certified.

SURVEILLANCE TESTING REQUIREMENTS: Products are randomly sampled from production, inventory, or marketplace. Frequency of sampling is product specific.

ISO 9000 OR OTHER QUALITY SYSTEM REQUIREMENTS: None.

APPEALS PROCEDURE: The procedure is outlined in NSF's General Policies.

PROGRAM LOGO/MARK: Program has a logo and it is Federally registered.

US PROGRAM RECOGNITION: USEPA, USFDA, Massachusetts Plumbing Board, State of New Mexico, City of Los Angeles.

FOREIGN PROGRAM RECOGNITION: Accredited by the Dutch Council of Accreditation (RvA); World Health Organization Collaborating Centre for Drinking Water Safety and Treatment; World Health Organization Collaborating Centre for Food Safety; Japan Gas Appliance Inspection Agency (JIA), Centre Scientifique Et Technique Du Batement.

MOU/MRA ARRANGEMENTS: Intertech Testing Services; IAPMO.

DIRECTORY OF PARTICIPANTS: The following publications may be obtained from NSF or accessed on the website at <http://www.nsf.org>: Plumbing and Related Products, Food Equipment, Drinking Water Treatment Chemicals and System Components-Health Effects, Drinking Water Treatment Units, Bottled Water, Packaged Ice and Containers and Closures, Biohazard Cabinetry, and Wastewater Treatment Units, Swimming Pools, Spas and Hot Tubs, Non-Food Compounds, ISO 9000 Registered Companies.

DIRECTORY OF CERTIFIED PRODUCTS: Publications may be accessed on the website at <http://www.nsf.org>.

OTHER PUBLICATIONS: Publications may be accessed on the website at <http://www.nsf.org>.

	PRODUCT CATEGORY
	Company Name Product ID #XXXXX-1 Product Name Thickness (if applicable) Density (if applicable) Any Other Pertinent Details Test Method Used to Qualify Product Test Results
<i>Listed</i>	<small>See Omega Point Laboratories Inc. (NER-QA337) Listed Products Directory for Specific Units</small>

OMEGA POINT LABORATORIES, INC.

ACRONYM: OPL

ADDRESS: 16015 Shady Falls Road, Elmendorf, Texas 78112

PHONE: (210) 635-8100 **FAX:** (210) 635-8101

INTERNET URL: <http://www.opl.com> **E-MAIL:** N/A.

**LOCATION OF TESTING/
INSPECTION FACILITIES:** 16015 Shady Falls Road, Elmendorf, Texas 78112

**FACILITIES
ACCREDITED/RECOGNIZED:** International Conference of Building Officials (ICBO), Southern Building Code Congress International, Inc. (SBCCI), Building Officials and Code Administrators, International, Inc. (BOCAI), National Evaluation Service, Inc., (NES formerly CABO), U.S. Department of Housing and Urban Development (HUD), Tennessee Valley Authority (TVA), NUPIC, BBA, State and local building code agencies and insurance services organizations. A more complete listing is available from OPL.

**PROGRAM DESCRIPTION/
PURPOSE:** An independent, consulting, testing and certification agency founded in 1985 to test and label building materials and products. Specializing in fire testing with third-party certification in compliance with the model building codes.

DATE PROGRAM STARTED: 1985.

TOTAL PROGRAM STAFF: 48. **NO. OF PART-TIME STAFF:** N/A.

PROGRAM SUBCONTRACTORS: N/A.

SERVICES SUBCONTRACTED: N/A.

CERTIFICATION AVAILABILITY: Certification available to all US and foreign companies.

FEES: Fees are provided in proposal on custom basis.

**NUMBER OF PARTICIPATING
COMPANIES:** Approximately 100.

**NUMBER OF PARTICIPATING
FACILITIES:** Approximately 130.

**CERTIFIED PRODUCTS/
PRODUCT CATEGORIES:** Categories: General Data, Site Work, Concrete, Masonry, Metals, Wood & Plastics, Thermal & Moisture Protection, Doors & Windows, Finishes, Specialties, Equipment, Furnishings, Special Construction, Conveying Systems, Mechanical, Electrical. The Directory divides listed products into the above categories in accordance with the Construction Specifications Institute (CSI) MasterFormat system. This is a system for organizing construction information based on 16 divisions.

STANDARDS/TEST METHODS USED: American Society for testing and Materials (ASTM), Underwriters Laboratories (UL), Uniform Building Code (UBC), National Fluid Power Association (NFPA), Ford Motor Corp. (FM), and other appropriate.

**PROGRAM CRITERIA/
PROCEDURES:** Certification requirements per the Model Building Codes.

PROGRAM CONFORMANCE TO ISO/IEC GUIDE 65:

Program conforms to ISO/IEC Guide 65.

PROGRAM CONFORMS TO STANDARD OR GUIDE TITLE:

ISO Guide 25 "General Requirements for the Competence of Calibration and Testing Laboratories" (equivalent to relevant requirements of ISO 9000 series); and ISO Guide 39 "General Requirements for the Acceptance of Inspection Bodies".

PRODUCT RETESTING REQUIREMENTS:

Products are retesting in accordance with authorities having jurisdiction.

SURVEILLANCE TESTING REQUIREMENTS:

Surveillance testing is performed in accordance with ICBO, ES, AC 85, and authorities having jurisdiction (AHJ).

ISO 9000 OR OTHER QUALITY SYSTEM REQUIREMENTS:

Compliance is in accordance with ISO 9000 Series and Model Building Codes.

APEALS PROCEDURE:

Client contacts Executive Vice President of Omega Point in writing.

PROGRAM LOGO/MARK:

Program has a logo, and it is Federally registered.

US PROGRAM RECOGNITION:

National: The American Association for Laboratory Accreditation (A2LA) No. 689.01; National Voluntary Laboratory Accreditation Program (NVLAP).

Model Building Codes: Building Officials and Code Administrators International Evaluation Service (BOCAI ES) RR-89-60; International Conference of Building Officials Evaluation Service (ICBO ES) TL-143; International Conference of Building Officials Evaluation Service (ICBO ES) AA-337; National Evaluation Services (NES) NER QA 337; Southern Building Code Congress International Evaluation Services (SBCCI PST&ESI) TL-9428A.

States: AR, CA, CT, GA, IN, KY, LA, MD, MI, NE, NM, NY, OH, TX, WA.

Counties: Metropolitan Dade County, Florida Certification.

Cities: District of Columbia, City of Houston, City of Los Angeles, City of New York, City of Philadelphia, City of Phoenix, City of Wilmington.

Federal Agencies: U.S. General Services Administration (GSA); The Environmental Protection Agency (EPA); U.S. Federal Communications Commission (FCC); The Naval Sea Systems Command (NAVSEA); Federal Aviation Administration (FAA); U.S. Coast Guard (USCG); Federal Rail Administration (FRA); National Institute of Science and Technology (NIST).

Organizations: ASTM Directory of Testing Laboratories; Gypsum Association, General Motors (GM).

Fire Marshals: Fire Marshalls of the states of CA, IL, MD, MI, NE.

FOREIGN PROGRAM RECOGNITION:

Program is recognized worldwide. A complete listing of countries and organizations may be obtained from OPL.

MOU/MRA ARRANGEMENTS:

None.

DIRECTORY OF PARTICIPANTS:

Omega Point Laboratories Directory of Listed Building Materials, Products and Assemblies. CY 2000 revisions will be available for distribution July 2000.

DIRECTORY OF CERTIFIED PRODUCTS:

Directory of Certified Products is issued yearly. The 1999 Directory is currently outdated (superceded by the 2000 Directory). 2000 Directory available in July 2000.

OTHER PUBLICATIONS:

N/A.

X® PTO #2085163

UNIX® PTO
#1392203 AND
#1390593

X/OPEN® #2080466

THE OPEN GROUP

ACRONYM: TOG

ADDRESS: 1010 El Camino Real, Suite 380, Menlo Park, CA 94025

PHONE: (650) 323-7992 FAX: (650) 323-8204

INTERNET URL: <http://www.opengroup.org> E-MAIL: testing@opengroup.org

LOCATION OF TESTING/
INSPECTION FACILITIES: Menlo Park, CA and Reading, Berkshire, RG1 1X, UK

FACILITIES
ACCREDITED/RECOGNIZED: None.

PROGRAM DESCRIPTION/
PURPOSE: The Open Group operates a broad range of Information Technology testing and certification programs designed to deliver assurance of software portability and interoperability.

DATE PROGRAM STARTED: 1988.

TOTAL PROGRAM STAFF: 14. NO. OF PART-TIME STAFF: None.

PROGRAM SUBCONTRACTORS: None.

SERVICES SUBCONTRACTED: None.

CERTIFICATION
AVAILABILITY: Certification available to all US and foreign companies, and members of The Open Group.

FEES: Fees are set individually per program based on costs of test report assessments and trademark royalties.

NUMBER OF PARTICIPATING
COMPANIES: Over 40.

NUMBER OF PARTICIPATING
FACILITIES: N/A.

CERTIFIED PRODUCTS/
PRODUCT CATEGORIES: Mobile phones and WAP Gateway systems Directory server conforming to LDAP 2000 Product Standards, Object Request Broker conforming to CORBA Product Standard, Computer Operating Systems conforming to UNIX 95 and 98 Product Standards, UNIX 98 Workstation Product Standard, and UNIX 98 Server Product Standard, Desktop management software conforming to Common Desktop Environment (CDE) Product Standard, GUI management software conforming to Motif Product Standard, GUI software objects conforming to X Window System Product Standard, Computer operating systems conforming to Multi-Purpose Realtime Operating System Product Standard, Computer operating systems conforming to FIPS 151-2 Product Standard, Software products (e.g. compiler) conforming to XPG4 Base Product Standard, Software products (e.g. compiler) conforming to Base 95 Product Standard. In addition, software products conforming to the following Product Standards: Internationalized System Calls & Libraries, Internationalized System Calls & Libraries Extended, Internationalized System Calls & Libraries Extended V2, Commands and Utilities, Commands and Utilities V2 or V3, C Language, COBOL Language, Pascal Language, FORTRAN Language, Ada Language, Relational Database, Calendaring & Scheduling API, ISAM, XWindow System Display, XWindow System Application Interface V2, Motif Toolit, Terminal Interfaces, Internationalized Terminal Interfaces, BSFT, X.400 Gateway, X.400 Message Access, Directory Access, Network File System, Sockets or Sockets V2, Transport Service (XTI) or Transport Service (XTI) V2, CPI-C, (PC)NFS Server, Internet Server, LMX Server, Software Administration, Magnetic Media.

STANDARDS/TEST METHODS USED: Test method is software test suites at www.opengroup.org/testing.

PROGRAM CRITERIA/PROCEDURES: Open Group Brand Program Documentation is available at <http://www.opengroup.org/publications/catalog/br.htm>, and Product Registration Checklists at www.opengroup.org/testing/checklist.

PROGRAM CONFORMANCE TO ISO/IEC GUIDE 65: Certification procedures are designed to be consistent with EN45001, the predecessor to ISO/IEC 65, and are believed to be consistent with this later standard.

PROGRAM CONFORMS TO STANDARD OR GUIDE TITLE: ISO 9000 for certification procedures, IEEE 1003.3 for test suites, ISO 9646 for test suites, and ISO Guide 25 for accreditation services.

PRODUCT RETESTING REQUIREMENTS: Product retesting is renewed on an annual basis depending on the test method.

SURVEILLANCE TESTING REQUIREMENTS: When test methods change, retesting is required.

ISO 9000 OR OTHER QUALITY SYSTEM REQUIREMENTS: None.

APPEALS PROCEDURE: Appeals procedures are described in Open Group Trademark License Agreement published on the website at <http://www.opengroup.org/onlinepubs/7501899/file3.htm#tagcjh> 04 and Practical Guide to the Open Brand published on the website at: <http://www.opengroup.org/onlinepubs/7501899/toc.htm>, ISBN 1-85912-265-5.

PROGRAM LOGO/MARK: Program has a logo, and it is Federally registered.

US PROGRAM RECOGNITION: Department of Defense/DISA and NASA.

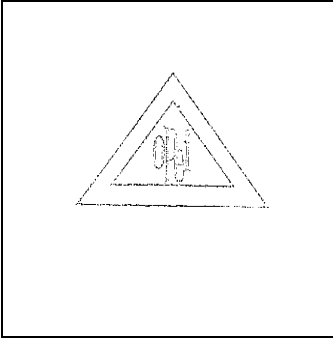
FOREIGN PROGRAM RECOGNITION: The European Commission mandates UNIX as the definition of an 'Open System' for European IT procurements.

MOU/MRA ARRANGEMENTS: National Voluntary Laboratory Accreditation Program (NVLAP) for accreditation of Test Laboratories.

DIRECTORY OF PARTICIPANTS: Register of Product Standards at www.opengroup.org/regproducts, and Standards Information Base (SIB) at www.opengroup.org/sib2.

DIRECTORY OF CERTIFIED PRODUCTS: See Register listed above.

OTHER PUBLICATIONS: Practical Guide to the Open Brand is published on the website at www.opengroup.org/onlinepubs/7501899/toc.htm ISBN 1-85912-265-5, and Register of Product Standards is published on the website at: <http://www.opengroup.org/regproducts>.



OUTDOOR POWER EQUIPMENT INSTITUTE, INC.

ACRONYM: OPEI

ADDRESS: 341 South Patrick Street, Alexandria, VA 22314

PHONE: (703) 549-7600 **FAX:** (703) 549-7604

INTERNET URL: <http://opei.mow.org> **E-MAIL:** opeistat@aol.com

**LOCATION OF TESTING/
INSPECTION FACILITIES:** STS/United States Testing Company (USTCo) in New Jersey

**FACILITIES
ACCREDITED/RECOGNIZED:** N/A.

**PROGRAM DESCRIPTION/
PURPOSE:** OPEI is the international trade association whose members are manufacturers of powered lawn and garden maintenance products, components and attachment supplies, as well as industry related services. OPEI's domestic members manufacture in excess of 95% of the U.S. consumer retail market for gas and electric powered lawn and garden maintenance products. OPEI encourages and promotes healthier and safer environment through proper use of outdoor power equipment; represents members' interests in legislative and government affairs; provides accurate and timely industry economic and statistical information; provides support on technical matters; provides a forum for meaningful exchange of ideas and information between industry members and the outside public on the industry's services.

DATE PROGRAM STARTED: 1961.

TOTAL PROGRAM STAFF: N/A. **NO. OF PART-TIME STAFF:** N/A.

PROGRAM SUBCONTRACTORS: N/A.

SERVICES SUBCONTRACTED: N/A.

**CERTIFICATION
AVAILABILITY:** Certification available to all U.S. and foreign companies.

FEES: There is a fixed fee schedule, which is available from OPEI.

**NUMBER OF PARTICIPATING
COMPANIES:** Approximately 30.

**NUMBER OF PARTICIPATING
FACILITIES:** N/A.

**CERTIFIED PRODUCTS/
PRODUCT CATEGORIES:** Lawn and garden equipment.

**STANDARDS/TEST METHODS
USED:** American National Standards Institute (ANSI).

PROGRAM CRITERIA/ PROCEDURES:	N/A.
PROGRAM CONFORMANCE TO ISO/IEC GUIDE 65:	N/A.
PROGRAM CONFORMS TO STANDARD OR GUIDE TITLE:	N/A.
PRODUCT RETESTING REQUIREMENTS:	N/A.
SURVEILLANCE TESTING REQUIREMENTS:	N/A.
ISO 9000 OR OTHER QUALITY SYSTEM REQUIREMENTS:	N/A.
APEALS PROCEDURE:	N/A.
PROGRAM LOGO/MARK:	Program has a logo. This triangle on lawn mowers, snow throwers, tillers and shredder-grinders, it signifies that the product has been certified by an independent testing company to meet nationally recognized voluntary safety standards, published by the American National Standards Institute (ANSI). On the bottom of the triangle there is the ANSI standard number which relates to a particular product and the last year the standard was updated.
US PROGRAM RECOGNITION:	N/A.
FOREIGN PROGRAM RECOGNITION:	None.
MOU/MRA ARRANGEMENTS:	None.
DIRECTORY OF PARTICIPANTS:	N/A.
DIRECTORY OF CERTIFIED PRODUCTS:	N/A.
OTHER PUBLICATIONS:	N/A.

NOT AVAILABLE

**PERFORMANCE REVIEW INSTITUTE,
A WHOLLY OWNED AFFILIATE OF THE
SOCIETY OF AUTOMOTIVE ENGINEERS (SAE)**

ACRONYM: PRI

ADDRESS: 161 Thornhill Road, Warrendale, PA 15086

PHONE: (724) 772-1616, ext. 8136 **FAX:** (724) 772-1699

INTERNET URL: <http://www.pri.sae.org> **E-MAIL:** dubois@sae.org

**LOCATION OF TESTING/
INSPECTION FACILITIES:** Throughout the United States and Europe.

**FACILITIES
ACCREDITED/RECOGNIZED:** The ANSI-Registrar Accreditation Board, Inc. (RAB) National Accreditation Program, Raad voor Accreditatie (Dutch Council for Accreditation, formerly the RvC (RVA), National Institute of Standards and Technology (NIST), National Aerospace and Defense Contractors Accreditation Program (NADCAP), and U.S. Army.

**PROGRAM DESCRIPTION/
PURPOSE:** PRI is a not-for-profit trade association, affiliated with the Society of Automotive Engineers, designed to provide shared conformity assessment services to the mobility industry. PRI operates unique industry-managed programs such as the National Aerospace and Defense Contractors Accreditation Program (NADCAP) and third-party assessment programs such as the ISO Registrar performing Registration to ISO 9000, QS-9000, QS-9000 TE Supplement and ISO 14001; and for AS9000 compliance. PRI is dedicated to the continuous development of world-class companies by offering conformity assessment and certification to the mobility industry. Two NADCAP working groups, looking to extend the benefits, efficiencies and quality improvements of the NADCAP process, are examining the potential for NADCAP programs in the products arena. NADCAP's success in special process accreditation's has created an interest in developing similar accreditation programs for products. Two new working groups have been formed to investigate the viability of programs for fasteners and fluid systems.

DATE PROGRAM STARTED: 1999.

TOTAL PROGRAM STAFF: 30. **NO. OF PART-TIME STAFF:** N/A.

PROGRAM SUBCONTRACTORS: None.

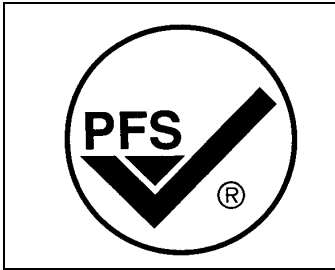
SERVICES SUBCONTRACTED: None.

**CERTIFICATION
AVAILABILITY:** Certification available to all U.S. and foreign companies.

FEES: Fees are based on services provided.

**NUMBER OF PARTICIPATING
COMPANIES:** 950.

NUMBER OF PARTICIPATING FACILITIES:	1,100.
CERTIFIED PRODUCTS/ PRODUCT CATEGORIES:	Aerospace special processes, engine lubricants, gear lubricants, truck brake lining, aerospace fasteners, laboratories, ISO 9000 registrations, QS 9000 registration, ISO 14000 registrations.
STANDARDS/TEST METHODS USED:	Various Society of Automotive Engineers (SAE), American Society for Testing and Materials (ASTM), International Organization for Standardization (ISO), and TMC.
PROGRAM CRITERIA/ PROCEDURES:	Program procedures are available from PRI.
PROGRAM CONFORMANCE TO ISO/IEC GUIDE 65:	Program conforms to ISO/IEC Guide 65.
PROGRAM CONFORMS TO STANDARD OR GUIDE TITLE:	Program conforms to ISO 9000 quality system requirements.
PRODUCT RETESTING REQUIREMENTS:	Program dependent 1-5 years.
SURVEILLANCE TESTING REQUIREMENTS:	Surveillance testing is performed.
ISO 9000 OR OTHER QUALITY SYSTEM REQUIREMENTS:	Compliance with appropriate quality management system standard is required for registration.
APPEALS PROCEDURE:	There is an appeals procedure, which is available from PRI.
PROGRAM LOGO/MARK:	Program has a logo.
US PROGRAM RECOGNITION:	See recognition listed above.
FOREIGN PROGRAM RECOGNITION:	N/A.
MOU/MRA ARRANGEMENTS:	N/A.
DIRECTORY OF PARTICIPANTS:	Directory of Participants is available from PRI.
DIRECTORY OF CERTIFIED PRODUCTS:	Directory of Certified Products is available from PRI.
OTHER PUBLICATIONS:	AS7003 and various other procedure publications are available from PRI.



PFS CORPORATION

ACRONYM: PFS

ADDRESS: 2402 Daniels Street, Madison, WI 53704

PHONE: (608) 221-3361 **FAX:** (608) 221-0180

INTERNET URL: <http://www.pfs-teco.com> **E-MAIL:** msslifka@pfs-teco.com

LOCATION OF TESTING/INSPECTION FACILITIES: Madison, WI

FACILITIES ACCREDITED/RECOGNIZED: Federal: United States Environmental Protection Agency (EPA), Dept. of Housing and Urban Development - Federal Housing Administration (HUD), National Voluntary Laboratory Accreditation Program (NVLAP), National U.S. Army, Corps of Engineers. State and Private Sector Organizations: American Lumber Standards Committee (ALSC), Building Officials and Code Administrators International, Inc. (BOCA), Industrialized Building Commission (IBC), International Conference of Building Officials (ICBO), National Evaluation Service Committee (NER), Wooden Pallet and container Association (NWPCA), Recreational Park Trailer Industry Association, Inc. (RPTIA), Recreational Vehicle Industry Association (RVIA), Southern Building Code Congress International, Inc. (SBCCI), Truss Plate Institute (TPI). States: AL, AZ, AR, CA, CO, CT, DE, FL, GA, HI, ID, IA, KS, KY, LA, ME, MD, MA, MI, MN, MO, MT, NE, NV, NH, NJ, NM, NY, NC, ND, OH, OR, PA, RI, SC, SD, TN, TX, UT, VA, WA, WI.

PROGRAM DESCRIPTION/PURPOSE: PFS is a third party inspection and testing agency, which assists the wood-related construction industry in achieving greater quality and safety. PFS evaluates and certifies a broad range of products and structures, including all types of engineered wood products, wood Components and industrialized building systems. PFS is also a third-party quality assurance agency for engineered wood, wood building products and factory-built constructions.

DATE PROGRAM STARTED: 1959.

TOTAL PROGRAM STAFF: 57. **NO. OF PART-TIME STAFF:** 0.

PROGRAM SUBCONTRACTORS: None. However, TECO, which focuses primarily in the wood panel sector, has a Trademark License Agreement with PFS, which authorizes TECO to test PFS trademarked panel products. Under this agreement, each company agrees to maintain the quality of their services in accordance to each other's quality standards. In practical terms, panels certified by either PFS or TECO are produced using the same high-quality standards.

SERVICES SUBCONTRACTED: None.

CERTIFICATION AVAILABILITY: Certification available to all U.S. and foreign companies.

FEES: Fees are set by contract.

NUMBER OF PARTICIPATING COMPANIES: 325.

NUMBER OF PARTICIPATING FACILITIES: Over 500.

CERTIFIED PRODUCTS/PRODUCT CATEGORIES: Modular structures (residential and commercial), HUD code (mobile) homes, building components, structural insulated panels, engineered wood products, permanent wood foundations, fire tested products, treated wood, windows and doors, hardwood plywood panels, composite assemblies, formaldehyde emissions, trusses, adhesives, structural-use panels.

STANDARDS/TEST METHODS USED: American Wood-Preservers Bureau (AWPA) Standards C2, C9 and C22-1993, American Society for Testing and Materials (ASTM) E119, E84 AND E152 - 1987, Environmental Protection Agency (EPA), International Association of Plumbing and Mechanical Officials (IAPMO) TSC-11-72 - 1981. Physical testing under Uniform Building Code (UBC) 15-5, American Society for Testing and Materials (ASTM) D1761, E8, E72, E489, E767, E1803 and F1575. Testing of wood and wood panel products under American National Standards Institute (ANSI) A208.1 ANSI/AITC Standard A190.1; ANSI/TPI-95, ASTM Standards C67, C271, C272, C273, C297, C365, C393, C481, D198, D1037, D4442, D5055, D5456, E73, E661; and US Dept. of Commerce Product Standards HP-1, PS-1 and PS-2. Testing of adhesives under ASTM Standards C557, D905, D906, D1002, D1101, D1183, D2294, D2559, D3110, D3498 and D4688; APA Standards AFG-01; and AITC Standards 200. Testing of solid-fuel-burning appliances under ULS standards 127, 391, 737, 907, 1482-96. Testing of flat sheet, roofing and siding shingles, and clapboards under ASTM Standard C1185. Testing of rubber deterioration under ASTM Standard D572. Testing of water vapor transmission under ASTM Standard E96. Testing of water penetration under ASTM Standard E514-1999.

PROGRAM CRITERIA/ PFS Research Foundation Certification Requirements are available on request, or

PROCEDURES: on the web at <http://www.pfs.teco.com>.

PROGRAM CONFORMANCE TO ISO/IEC GUIDE 65: N/A.

PROGRAM CONFORMS TO STANDARD OR GUIDE TITLE: N/A.

PRODUCT RETESTING REQUIREMENTS: Products are retested as often as certification criteria require.

SURVEILLANCE TESTING REQUIREMENTS: Surveillance testing is performed as often as certification criteria require.

ISO 9000 OR OTHER QUALITY SYSTEM REQUIREMENTS: None.

APPEALS PROCEDURE: Appeal procedures are outlined in the "PFS Research Foundation" document.

PROGRAM LOGO/MARK: Program has a logo, and it is Federally registered.

US PROGRAM RECOGNITION: Federal: United States Environmental Protection Agency (EPA), Dept. of Housing and Urban Development - Federal Housing Administration (HUD), National Voluntary Laboratory Accreditation Program (NVLAP), U.S. Army, Corps of Engineers. State and Private Sector Organizations: American Lumber Standards Committee (ALSC), Building Officials and Code Administrators International, Inc. (BOCA), Industrialized Building Commission (IBC), International Conference of Building Officials (ICBO), National Evaluation Service Committee (NER), National Wooden Pallet and container Association (NWPCA), Recreational Park Trailer Industry Association, Inc. (RPTIA), Recreational Vehicle Industry Association (RVIA), Southern Building Code Congress International, Inc. (SBCCI), Truss Plate Institute (TPI). States: AL, AZ, AR, CA, CO, CT, DE, FL, GA, HI, ID, IA, KS, KY, LA, ME, MD, MA, MI, MN, MO, MT, NE, NV, NH, NJ, NM, NY, NC, ND, OH, OR, PA, RI, SC, SD, TN, TX, UT, VA, WA, WI.

FOREIGN PROGRAM RECOGNITION: Standards Council of Canada. In addition, in order to qualify to use the JAS mark on a product, the producer must have the product graded and/or tested by a Registered Grading Organization. In the case of manufacturers outside of Japan, grading and/or testing may be conducted by a Foreign Testing Organization (FTO). TECO has been a registered FTO for wood products since 1993.

MOU/MRA ARRANGEMENTS: None.

DIRECTORY OF PARTICIPANTS: PFS and TECO Listing Directory is available on request.

DIRECTORY OF CERTIFIED PRODUCTS: Directory of Certified Products is available on request.

OTHER PUBLICATIONS: Other publications may be viewed on the website at <http://www.pfs-teco.com>.



PLUMBING AND DRAINAGE INSTITUTE

ACRONYM: PDI

ADDRESS: 45 Bristol Drive, South Easton, MA 02375

PHONE: (800) 589-8956 **FAX:** (508) 230-3529

INTERNET URL: <http://www.pdionline.org> **E-MAIL:** bill@pdionline.org

**LOCATION OF TESTING/
INSPECTION FACILITIES:** Bodycote Industrial Testing Ltd., 2307 Seventh Blvd., St. Louis, MO 63104; U.S. Testing Co., 291 Fairfield Avenue, Fairfield, NJ 07004.

**FACILITIES
ACCREDITED/RECOGNIZED:** N/A.

**PROGRAM DESCRIPTION/
PURPOSE:** PDI is an association of manufacturers of engineered plumbing products in a business area commonly referred to by the mechanical side of the construction industry as "the drain business". Our members and licensees make products such as: floor drains, roof drains, sanitary floor drains, cleanouts, water hammer arresters, swimming pool drains, backwater valves, grease interceptors, fixture supports, and other drainage specialties. PDI maintains testing equipment in independent testing laboratories for the purpose of testing Water Hammer Arresters for compliance with Standard PDI-WH201 and Grease Interceptors for compliance with Standard PDI-G101. Certified Products carry the Seal of the Plumbing & Drainage Institute as evidence that the product has met the specified requirements of the Institute's Standards.

DATE PROGRAM STARTED: 1965.

TOTAL PROGRAM STAFF: 1. **NO. OF PART-TIME STAFF:** 0.

PROGRAM SUBCONTRACTORS: None.

SERVICES SUBCONTRACTED: None.

**CERTIFICATION
AVAILABILITY:** Certification available to all US and foreign companies.

FEES: None.

**NUMBER OF PARTICIPATING
COMPANIES:** 18.

**NUMBER OF PARTICIPATING
FACILITIES:** N/A.

**CERTIFIED PRODUCTS/
PRODUCT CATEGORIES:** Water hammer arrestors and grease interceptors.

**STANDARDS/TEST METHODS
USED:** Standard PDI-WH201 and PDI-G101.

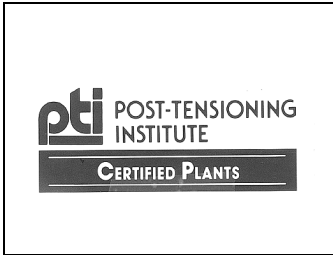
**PROGRAM CRITERIA/
PROCEDURES:** Water Hammer Arrestors - PDI-WH201; Grease Interceptors - PDI-G-101.

**PROGRAM CONFORMANCE TO
ISO/IEC GUIDE 65:** N/A.

**PROGRAM CONFORMS TO
STANDARD OR GUIDE TITLE:** N/A.

PRODUCT RETESTING Grease Interceptors - one size biannually; Water Hammer Arrestors - one

REQUIREMENTS:	size annually.
SURVEILLANCE TESTING REQUIREMENTS:	None.
ISO 9000 OR OTHER QUALITY SYSTEM REQUIREMENTS:	None.
APPEALS PROCEDURE:	N/A.
PROGRAM LOGO/MARK:	Program has a logo and it is Federally registered.
US PROGRAM RECOGNITION:	N/A.
FOREIGN PROGRAM RECOGNITION:	N/A.
MOU/MRA ARRANGEMENTS:	N/A.
DIRECTORY OF PARTICIPANTS:	A Directory of Participants is published on the website at http://www.pdionline.org .
DIRECTORY OF CERTIFIED PRODUCTS:	See Directory of Participants, which includes a list of their certified products.
OTHER PUBLICATIONS:	N/A.



POST-TENSIONING INSTITUTE

ACRONYM: PTI

ADDRESS: 1717 W. Northern Avenue, Phoenix, AZ 85021

PHONE: (602) 870-7540 **FAX:** (602) 870-7641

INTERNET URL: <http://www.post-tensioning.org> **E-MAIL:** info@post-tensioning.org

LOCATION OF TESTING/INSPECTION FACILITIES: Throughout the United States.

FACILITIES ACCREDITED/RECOGNIZED: N/A.

PROGRAM DESCRIPTION/PURPOSE: **Plant certification program:** The PTI Program for Certification of Plants Producing Unbonded Single Strand Tendons was developed to provide independent certification of a plant's capability for fabrication of unbonded single strand tendons in conformance with the Post-Tensioning Institute specifications based on inspections conducted by Loris L. Gerber, Inc. **Field personnel certification program:** Provides post-tensioning installers, inspectors, building officials, engineers, etc. with post-tensioning basics - stressing, finishing, installation, troubleshooting & safety.

DATE PROGRAM STARTED: Plant program 1989; Field certification 1998.

TOTAL PROGRAM STAFF: 4. **NO. OF PART-TIME STAFF:** N/A.

PROGRAM SUBCONTRACTORS: None, except as noted above.

SERVICES SUBCONTRACTED: None, except as noted above.

CERTIFICATION AVAILABILITY: Plant certification available to U.S. companies; Field certification available to all U.S. and foreign companies.

FEES: Fees are based on actual costs. Fee schedules are available by contacting PTI by phone, fax, or e-mail.

NUMBER OF PARTICIPATING COMPANIES: 15.

NUMBER OF PARTICIPATING FACILITIES: 28.

CERTIFIED PRODUCTS/PRODUCT CATEGORIES: Plants producing unbonded single strand tendons; post-tensioning installers, inspectors, building officials, engineers, and other field personnel.

STANDARDS/TEST METHODS USED: Plants: unannounced inspection rated on PTI specifications. Field certification written test pass/fail.

PROGRAM CRITERIA/PROCEDURES: Program procedures may be obtained by contact PTI.

PROGRAM CONFORMANCE TO ISO/IEC GUIDE 65:	N/A.
PROGRAM CONFORMS TO STANDARD OR GUIDE TITLE:	N/A.
PRODUCT RETESTING REQUIREMENTS:	Plants are retested biannually; field personnel are retested every two years.
SURVEILLANCE TESTING REQUIREMENTS:	Periodic audits of manufacturer's quality system. Requires initial and periodic inspections.
ISO 9000 OR OTHER QUALITY SYSTEM REQUIREMENTS:	None.
APEALS PROCEDURE:	A formal appeals procedure is processed via Board of Directors.
PROGRAM LOGO/MARK:	Program has a logo and it is Federally registered.
US PROGRAM RECOGNITION:	None.
FOREIGN PROGRAM RECOGNITION:	None.
MOU/MRA ARRANGEMENTS:	None.
DIRECTORY OF PARTICIPANTS:	PTI Certified Plant Listing is available in print and is published on the website at http://www.post-tensioning.org .
DIRECTORY OF CERTIFIED PRODUCTS:	PTI Membership Directory is an annual publication and is available in print by contacting PTI.
OTHER PUBLICATIONS:	"Manual for Certification of Plants Producing Unbonded Single-Strand Tendons;" "Field Procedures Manual for Unbonded Single Strand Tendons."



PRECAST/PRESTRESSED CONCRETE INSTITUTE

ACRONYM: PCI

ADDRESS: 209 W. Jackson Blvd., Suite 500, Chicago, IL 60606-6938

PHONE: (312) 786-0300 **FAX:** (312) 786-0353

INTERNET URL: <http://www.pci.org> **E-MAIL:** info@pci.org

**LOCATION OF TESTING/
INSPECTION FACILITIES:** None.

**FACILITIES
ACCREDITED/RECOGNIZED:** None.

**PROGRAM DESCRIPTION/
PURPOSE:** PCI Plant Certification confirms that a manufacturing plant has an ongoing quality assurance system in place. With this program the plant must consistently demonstrate their commitment to quality principles and practices. A 120-point audit examines all aspects of the plant operation including engineering practices and management commitment. PCI certification categories include: A1 - Architectural Products; AT - Architectural Trim Units; B1 - Precast Bridge Products; B3 - Prestressed Straight Strand Bridge Members; C1 - Precast Concrete Products; C3 - Prestressed Straight Strand Structural Members; G1 - Glass Fiber Reinforced Concrete (GFRC); B2 - Prestressed Miscellaneous Bridge Products; B4 - Prestressed Draped Strand Bridge Members; C2 - Prestressed Hollow-Core and Repetitive Products; C4 - Prestressed Draped Strand Structural Members.

DATE PROGRAM STARTED: 1999.

TOTAL PROGRAM STAFF: 4. **NO. OF PART-TIME STAFF:** 1.

PROGRAM SUBCONTRACTORS: None.

SERVICES SUBCONTRACTED: None.

**CERTIFICATION
AVAILABILITY:** All PCI producer members are required to maintain PCI certification for their plants. The PCI Plant Certification Program is industry-wide, available to all U.S. and foreign precast concrete producers -- PCI members and non-members alike.

FEES: Fees are set by the PCI Board of Directors based on number of erection crews operating.

**NUMBER OF PARTICIPATING
COMPANIES:** 13.

**NUMBER OF PARTICIPATING
FACILITIES:** 17.

**CERTIFIED PRODUCTS/
PRODUCT CATEGORIES:** See categories listed above.

**STANDARDS/TEST METHODS
USED:** MNL-127, "Erectors' Manual-Standards and Guidelines for the Erection of Precast Concrete Products." MNL-132, "Erection Safety Manual for Precast and Prestressed Concrete."

PROGRAM CRITERIA/ PROCEDURES:	Program procedures are outlined in Section 29.0, "PCI Policies and Procedures Manual."
PROGRAM CONFORMANCE TO ISO/IEC GUIDE 65:	None.
PROGRAM CONFORMS TO STANDARD OR GUIDE TITLE:	N/A.
PRODUCT RETESTING REQUIREMENTS:	N/A.
SURVEILLANCE TESTING REQUIREMENTS:	PCI Plant Certification program requires a 120-point audit examines all aspects of the plant operation including engineering practices and management commitment. Numerical grading is uniform coast-to-coast and large plant to small. Independent engineers make the appraisal. Grades are non-negotiable. Failures require a thorough review of improvements with an extra audit within 60 days.
ISO 9000 OR OTHER QUALITY SYSTEM REQUIREMENTS:	None.
APPEALS PROCEDURE:	Appeals procedure is a two-step procedure: 1 st , written appeal to a 3-person appeals committee; 2 nd , in-person appeal to an appointed 3-person Certification Appeal Board.
PROGRAM LOGO/MARK:	See page 185.
US PROGRAM RECOGNITION:	The following agencies either mandate or recommend PCI plant certification "at time of bid": Federal Aviation Administration, U.S. Department of Transportation; Bureau of Reclamation, U.S. Department of the Interior; Corps' Civil Works, U.S. Army; Federal Highway Administration, U.S. Department of Transportation; Federal Bureau of Prisons, U.S. Department of Justice; U.S. Dept. of Veteran Affairs ; U.S. Department of the Navy, Naval Facilities Engineering Command; General Services Administration; 25 State Departments of Transportation.
FOREIGN PROGRAM RECOGNITION:	N/A.
MOU/MRA ARRANGEMENTS:	N/A.
DIRECTORY OF PARTICIPANTS:	"ASCENT" magazine is published quarterly and may be obtained from PCI, and is published on the website at http://www.pci.org .
DIRECTORY OF CERTIFIED PRODUCTS:	Directory of Products is part of the Participant Directory.
OTHER PUBLICATIONS:	A Program flyer may be obtained from PCI.



PROTECTIVE EYEWEAR CERTIFICATION COUNCIL

ACRONYM: PECC

ADDRESS: 297 Heaths Bridge Road, Concord, MA 01742

PHONE: (978) 369-1310 **FAX:** (978) 371-9891

INTERNET URL: <http://www.PROTECTEYES.O> **E-MAIL:** vingven@tiac.net
[RG](http://www.PROTECTEYES.O)

**LOCATION OF TESTING/
INSPECTION FACILITIES:** Detroit Testing Laboratories, Validating Laboratory

**FACILITIES
ACCREDITED/RECOGNIZED:** Private Sector: laboratory is accredited by the American Association for Laboratory Accreditation (A2LA).

**PROGRAM DESCRIPTION/
PURPOSE:** PECC is a not-for-profit organization with a volunteer board of directors. The only purpose of PECC is the reduction of eye injury with a program of testing and certification that will result in products easily identified by the PECC seal. PECC certifies eye protectors for sports. PECC provides this 3rd party certification service in which Detroit Testing Laboratory, Inc. validates a manufacturer's certification of conformance to ASTM F803-99 Standard Specification for Eye Protectors for Selected Sports (Excluding section 6.1.1) and/or ASTM F1776 -99a Standard Specification for Eye Protective Devices for Paintball Sports.

DATE PROGRAM STARTED: 1999.

TOTAL PROGRAM STAFF: Approximately 4. **NO. OF PART-TIME STAFF:** Approx. 3.

PROGRAM SUBCONTRACTORS: No.

SERVICES SUBCONTRACTED: No.

**CERTIFICATION
AVAILABILITY:** Certification available to all members of the organization, and all U.S. and foreign companies.

FEES: At this time the fee to participate is \$0.04 per seal. The fee schedule can be obtained at the website protecteyes.org. and the scheduled can be requested through e-mail at vingven@tiac.net

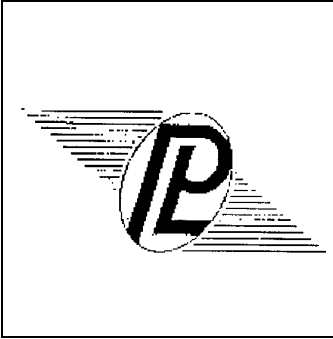
**NUMBER OF PARTICIPATING
COMPANIES:** 4.

**NUMBER OF PARTICIPATING
FACILITIES:** 4.

**CERTIFIED PRODUCTS/
PRODUCT CATEGORIES:** Sports eye protectors, racket sports, baseball, women's Lacrosse/field hockey, basketball, paintball.

**STANDARDS/TEST METHODS
USED:** American Society for Testing and Materials (ASTM) F803, F910, and F1776.

PROGRAM CRITERIA/ PROCEDURES:	"Certification Program for Sports Fee Protectors Procedural Guide" is published by PECC and can be obtained through PECC.
PROGRAM CONFORMANCE TO ISO/IEC GUIDE 65:	Program conforms to ISO/IEC Guide 65.
PROGRAM CONFORMS TO STANDARD OR GUIDE TITLE:	Program conforms to ASTM F803, F910, and F1776.
PRODUCT RETESTING REQUIREMENTS:	Products are required to be retested once a year.
SURVEILLANCE TESTING REQUIREMENTS:	Periodic surveillance testing is selected at manufacturing facility or purchased on the open market by a validator.
ISO 9000 OR OTHER QUALITY SYSTEM REQUIREMENTS:	Uncertain, up to Validator.
APPEALS PROCEDURE:	There is an appeal procedure.
PROGRAM LOGO/MARK:	Program has a logo.
US PROGRAM RECOGNITION:	Laboratory is accredited by the American Association for Laboratory Accreditation (A2LA).
FOREIGN PROGRAM RECOGNITION:	None.
MOU/MRA ARRANGEMENTS:	None.
DIRECTORY OF PARTICIPANTS:	A Directory of Participants can be obtained on the website at http://www.PROTECTEYES.ORG .
DIRECTORY OF CERTIFIED PRODUCTS:	The Third Party Certification Program, Certified Products Directory is available on the website.
OTHER PUBLICATIONS:	Other publications describing the program is available on the website at http://www.PROTECTEYES.ORG , and complete documentation is available by contacting P. Vinger.



PULVER LABORATORIES, INC. ELECTROMAGNETICS DIVISION

ACRONYM: PLI

ADDRESS: 320 North Santa Cruz Avenue, Los Gatos, CA 95030-7247

PHONE: (408) 399-7000 **FAX:** (408) 399-7001

INTERNET URL: <http://www.pulverlabs.com> **E-MAIL:** los.gatos@pulverlabs.com

LOCATION OF TESTING/INSPECTION FACILITIES: Los Gatos, CA.

FACILITIES ACCREDITED/RECOGNIZED: State of Oregon Building Codes Division for evaluation of semiconductor manufacturing equipment covered by the guidelines of SEMI S2-93 standard; State of Washington Department of Labor and Industries to perform field evaluations of electrical equipment on a case-by-case basis for NFPA-70, 79, UL 508, 508C standards; City of Los Angeles Department of Building and Safety as an Electrical Test Laboratory.

PROGRAM DESCRIPTION/PURPOSE: CE Mark Testing. FCC testing and redesign. UL, CSA safety certification. Product safety and electromagnetic engineering.

DATE PROGRAM STARTED: 1979.

TOTAL PROGRAM STAFF: N/A. **NO. OF PART-TIME STAFF:** N/A.

PROGRAM SUBCONTRACTORS: None.

SERVICES SUBCONTRACTED: None.

CERTIFICATION AVAILABILITY: Certification available to all U.S. and foreign companies.

FEES: Fees are defined by project.

NUMBER OF PARTICIPATING COMPANIES: Greater than 1000.

NUMBER OF PARTICIPATING FACILITIES: Greater than 1000.

CERTIFIED PRODUCTS/PRODUCT CATEGORIES: Information Technology Equipment including electrical business equipment. Medical electrical equipment, industrial, scientific and medical equipment, low voltage video products, telephone equipment, measurement control and laboratory equipment.

STANDARDS/TEST METHODS USED: ANSI C63.4; 4/CFR Parts 2 and 15; EN-5022; CISPR 22; NFPA 70; 79; NEC 1999; CE Standards.

PROGRAM CRITERIA/PROCEDURES: There is no published set of requirements for certification.

PROGRAM CONFORMANCE TO ISO/IEC GUIDE 65: Program conforms to ISO/IEC Guide 65.

PROGRAM CONFORMS TO STANDARD OR GUIDE TITLE: ISO 9000.

PRODUCT RETESTING REQUIREMENTS: Products are retested every 6 months.

SURVEILLANCE TESTING REQUIREMENTS: Surveillance testing on new and old products as needed.

ISO 9000 OR OTHER QUALITY SYSTEM REQUIREMENTS:	None.
APPEALS PROCEDURE:	None.
PROGRAM LOGO/MARK:	Program has a logo, and it is Federally registered.
US PROGRAM RECOGNITION:	States of Oregon, Washington and California. City of Los Angeles.
FOREIGN PROGRAM RECOGNITION:	N/A.
MOU/MRA ARRANGEMENTS:	N/A.
DIRECTORY OF PARTICIPANTS:	PLI167 Equipment Certified by Pulver Laboratories, Inc. is available from PLI for \$300.00.
DIRECTORY OF CERTIFIED PRODUCTS:	N/A.
OTHER PUBLICATIONS:	N/A.