

A11102 772043

NBS  
PUBLICATIONS

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



A11102772043

/Directory of federal government certifi  
QC100 .U57 NO.739 1988 C.2 NBS-PUB-C 198

U.S. DEPARTMENT OF COMMERCE  
National Bureau of Standards

*NBS Special Publication 739*

---

*Directory of Federal Government  
Certification Programs*

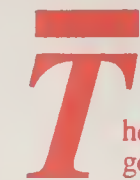
*Maureen Breitenberg, Editor*

---

*National Bureau of Standards*

QC  
100  
.U57  
No.739  
1988  
c.2





The National Bureau of Standards<sup>1</sup> was established by an act of Congress on March 3, 1901. The Bureau's overall goal is to strengthen and advance the nation's science and technology and facilitate their effective application for public benefit. To this end, the Bureau conducts research to assure international competitiveness and leadership of U.S. industry, science and technology. NBS work involves development and transfer of measurements, standards and related science and technology, in support of continually improving U.S. productivity, product quality and reliability, innovation and underlying science and engineering. The Bureau's technical work is performed by the National Measurement Laboratory, the National Engineering Laboratory, the Institute for Computer Sciences and Technology, and the Institute for Materials Science and Engineering.

### *The National Measurement Laboratory*

---

Provides the national system of physical and chemical measurement; coordinates the system with measurement systems of other nations and furnishes essential services leading to accurate and uniform physical and chemical measurement throughout the Nation's scientific community, industry, and commerce; provides advisory and research services to other Government agencies; conducts physical and chemical research; develops, produces, and distributes Standard Reference Materials; provides calibration services; and manages the National Standard Reference Data System. The Laboratory consists of the following centers:

- Basic Standards<sup>2</sup>
- Radiation Research
- Chemical Physics
- Analytical Chemistry

### *The National Engineering Laboratory*

---

Provides technology and technical services to the public and private sectors to address national needs and to solve national problems; conducts research in engineering and applied science in support of these efforts; builds and maintains competence in the necessary disciplines required to carry out this research and technical service; develops engineering data and measurement capabilities; provides engineering measurement traceability services; develops test methods and proposes engineering standards and code changes; develops and proposes new engineering practices; and develops and improves mechanisms to transfer results of its research to the ultimate user. The Laboratory consists of the following centers:

- Applied Mathematics
- Electronics and Electrical Engineering<sup>2</sup>
- Manufacturing Engineering
- Building Technology
- Fire Research
- Chemical Engineering<sup>3</sup>

### *The Institute for Computer Sciences and Technology*

---

Conducts research and provides scientific and technical services to aid Federal agencies in the selection, acquisition, application, and use of computer technology to improve effectiveness and economy in Government operations in accordance with Public Law 89-306 (40 U.S.C. 759), relevant Executive Orders, and other directives; carries out this mission by managing the Federal Information Processing Standards Program, developing Federal ADP standards guidelines, and managing Federal participation in ADP voluntary standardization activities; provides scientific and technological advisory services and assistance to Federal agencies; and provides the technical foundation for computer-related policies of the Federal Government. The Institute consists of the following divisions:

- Information Systems Engineering
- Systems and Software Technology
- Computer Security
- Systems and Network Architecture
- Advanced Computer Systems

### *The Institute for Materials Science and Engineering*

---

Conducts research and provides measurements, data, standards, reference materials, quantitative understanding and other technical information fundamental to the processing, structure, properties and performance of materials; addresses the scientific basis for new advanced materials technologies; plans research around cross-cutting scientific themes such as nondestructive evaluation and phase diagram development; oversees Bureau-wide technical programs in nuclear reactor radiation research and nondestructive evaluation; and broadly disseminates generic technical information resulting from its programs. The Institute consists of the following Divisions:

- Ceramics
- Fracture and Deformation<sup>3</sup>
- Polymers
- Metallurgy
- Reactor Radiation

---

<sup>1</sup>Headquarters and Laboratories at Gaithersburg, MD, unless otherwise noted; mailing address Gaithersburg, MD 20899.

<sup>2</sup>Some divisions within the center are located at Boulder, CO 80303.

<sup>3</sup>Located at Boulder, CO, with some elements at Gaithersburg, MD

NBSL

QC100

.U57

NO. 739

1988

C.2

## ***NBS Special Publication 739***

---

# ***Directory of Federal Government Certification Programs***

---

Maureen Breitenberg, Editor

Office of Standards Code and Information  
Office of the NBS Associate Director  
for Industry and Standards  
National Bureau of Standards  
Gaithersburg, MD 20899

(Supersedes NBS Spec. Publ. 714)

April 1988



U.S. Department of Commerce  
C. William Verity, Secretary

National Bureau of Standards  
Ernest Ambler, Director

---

Library of Congress  
Catalog Card Number: 88-600511  
National Bureau of Standards  
Special Publication 739  
(Supersedes NBS Spec. Publ. 714)  
Natl. Bur. Stand. (U.S.),  
Spec. Publ. 739  
229 pages (April 1988)  
CODEN: XNBSAV

U.S. Government Printing Office  
Washington: 1988

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



## FOREWORD

This directory is the first revision of the National Bureau of Standards (NBS) publication, NBS SP 714, Federal Government Certification Programs for Products and Services, edited by Robert B. Toth and published in April 1986. Additional federal certification programs have been identified and changes have been made to reflect organizational or programmatic changes. This directory, a joint effort of the U.S. Department of Agriculture (USDA) and NBS, is designed to provide updated information on certification programs conducted by the federal government for products and services.

Interest in certification arises from many sectors and may be motivated by economic, procurement, safety, or other considerations. Certification has also increased in significance due to its impact on free trade. Federal, state, and local government officials, manufacturers, distributors, and others may find the information contained in this directory of use in identifying pertinent federal certification programs and the details of such programs, as well as in finding a contact point within the appropriate agency.

Dr. Stanley I. Warshaw  
Associate Director for Industry and Standards

## ACKNOWLEDGMENTS

This directory is based on an earlier publication by Robert B. Toth, who was responsible for much of the work in establishing the format of this publication and its predecessor.

Special thanks are due to Carolyn Wilson and Audrey Talley at the U. S. Department of Agriculture (USDA), who oversaw the collection and review of information on certification programs within USDA. I would also like to thank the managers of federal certification programs who provided the information contained in this directory, without which this publication would not have been possible.

Maureen Breitenberg  
Editor



## ABSTRACT

This directory, which represents a joint effort of the U.S. Department of Agriculture (USDA) and the National Bureau of Standards (NBS), is designed to provide updated information on federal certification programs for products and services. This directory is a revision of NBS SP 714, Federal Government Certification Programs for Products and Services, edited by Robert B. Toth and published in April 1986.

This directory is part of ongoing NBS/USDA efforts to establish and maintain comprehensive databases on standards, regulations, certification programs and related information in accordance with the requirements of the Trade Agreements Act of 1979. This material has been compiled to meet the needs of government, industry, and the public for information on U.S. Government certification programs.

Key Words: approved products; certification; grading; inspection; listing; pre-market evaluation; qualification; qualified products; specifications; standards; testing





## CONTENTS

|  | Page |
|--|------|
| Foreword.....  | iii  |
| Acknowledgments.....   | iv   |
| Abstract.....  | v    |
| Introduction.....  | 1    |
| ENTRIES  |      |
| I. AGRICULTURAL PRODUCTS AND SERVICES.....                       | 3    |
| II. CONSUMER PRODUCTS AND SERVICES.....                          | 71   |
| III. CONSTRUCTION PRODUCTS AND SERVICES.....                     | 87   |
| IV. ELECTRONIC AND TELECOMMUNICATIONS PRODUCTS AND SERVICES..... | 95   |
| V. GOVERNMENT PROCUREMENTS.....                                  | 111  |
| VI. TESTING, MEASUREMENT, AND LABORATORY SERVICES.....           | 119  |
| VII. MEDICAL PRODUCTS AND SERVICES.....                          | 137  |
| VIII. MINING, DRILLING AND INDUSTRIAL EQUIPMENT.....             | 157  |
| IX. TRANSPORTATION-RELATED PRODUCTS AND SERVICES.....            | 173  |
| X. MISCELLANEOUS PRODUCTS AND SERVICES.....                      | 219  |
| Index by Product or Service Certified.....                       | 229  |
| Agency Index by Acronym.....                                     | 239  |
| Department/Agency Index.....                                     | 241  |
| Agency Index.....  | 243  |
| Appendix I-Other NBS Documents of Possible Interest.....         | 245  |
| Appendix II-Other USDA Documents of Possible Interest.....       | 249  |
| Appendix III-Format Used for Each Entry.....                     | 253  |





## INTRODUCTION

### Background

In April 1986, the National Bureau of Standards (NBS) published a directory of federal certification programs, NBS SP 714, Federal Government Certification Programs for Products and Services, edited by Robert B. Toth. Since that time, additional federal certification programs have been identified and some agencies have undergone reorganizations or program changes. This directory, which represents a joint effort of the U.S. Department of Agriculture (USDA) and the National Bureau of Standards (NBS), is designed to provide updated information on certification programs which are conducted by the federal government for products and services. It contains information on the date that programs were initiated; the authority under which they are conducted; their aims, benefits and requirements; availability of documentation; and other related information.

### Format

The entries in this directory are organized into ten sections: Section I- Agricultural Products and Services; Section II - Consumer Products and Services; Section III - Construction Products and Services; Section IV - Electronic and Telecommunications Products and Services; Section V - Government Procurements; Section VI - Testing, Measurement and Laboratory Services; Section VII - Medical Products and Services; Section VIII - Mining, Drilling and Industrial Equipment; Section IX - Transportation-Related Products and Services; and Section X- Miscellaneous Products and Services. Indices are provided by product at the beginning of each section, as well as references to related other sections of possible interest. In addition, there is a cumulative product index at the end of the entries, followed by indices by agency acronym, department and agency, and by agency name alone. A description of the format used for each entry is contained in Appendix III.

### Directory Changes

U.S. Government agencies are encouraged to notify NBS of any changes in their certification programs or of new programs. Such information should be sent to:

National Center for Standards and Certification  
Information (NCSCI)  
National Bureau of Standards  
Administration Building, Room A629  
Gaithersburg, MD 20899  
(301) 975-4031

### Other References

Additional NBS and USDA documents of possible interest are contained in Appendices I and II.





**SECTION I**  
**AGRICULTURAL PRODUCTS AND SERVICES**



SECTION I  
AGRICULTURAL PRODUCTS AND SERVICES  
INDEX

| <u>REFERENCES IN THIS SECTION</u>    | <u>PAGE</u>   |
|--------------------------------------|---------------|
| ADDITIVES, COLOR.....                | 53            |
| ANIMAL DISEASES.....                 | 29            |
| ANIMAL DRUGS.....                    | 63            |
| ANIMAL FEED.....                     | 63            |
| ANIMAL PRODUCTS.....                 | 27, 35        |
| MEAT.....                            | 7, 35, 47, 49 |
| ANIMALS FOR EXPORT.....              | 37            |
| ANIMALS FOR IMPORT.....              | 29, 39        |
| BEANS.....                           | 43            |
| BEEF.....                            | 7, 47, 49     |
| BINS, GRAIN.....                     | 45            |
| BIOLOGICAL PRODUCTS, ANIMAL.....     | 31            |
| BIRDS, GAME.....                     | 49            |
| BIVALVES.....                        | 57            |
| BUFFALO SLAUGHTER.....               | 49            |
| BUTTER.....                          | 11            |
| CHEESE.....                          | 11            |
| CIGARETTES.....                      | 69            |
| CLAMS.....                           | 57            |
| COTTON, RAW.....                     | 9             |
| DAIRY PRODUCTS.....                  | 11            |
| BUTTER.....                          | 11            |
| CHEESE.....                          | 11            |
| MILK PRODUCTS.....                   | 11            |
| DRUGS, VETERINARY.....               | 63            |
| EGGS AND EGG PRODUCTS.....           | 19            |
| ELEVATORS, GRAIN.....                | 45            |
| EXPORTS.....                         | 25, 27, 37    |
| FEED.....                            | 63            |
| FISH.....                            | 51            |
| FOOD ADDITIVES.....                  | 53            |
| FOOD FOR ANIMALS.....                | 63            |
| FOOD FOR HUMANS.....                 | 55            |
| FOOD INSPECTION PERSONNEL.....       | 61            |
| FORMULA, INFANT.....                 | 59            |
| FRUITS, FRESH.....                   | 13            |
| FRUITS, PROCESSED.....               | 15            |
| FUNGICIDES.....                      | 67            |
| GAME BIRDS.....                      | 49            |
| GRAIN AND GRAIN PRODUCTS.....        | 43            |
| GRAIN (INSPECTION AND WEIGHING)..... | 45            |
| HORSE MEAT.....                      | 47            |
| IMPORTS.....                         | 23, 35, 39    |
| INFANT FORMULA.....                  | 59            |
| INSPECTORS, FOOD.....                | 61            |
| LABELING, FOOD.....                  | 55            |



REFERENCES IN THIS SECTION CONTINUEDPAGE

|                                     |                |
|-------------------------------------|----------------|
| LAMB.....                           | 7, 47, 49      |
| LENTILS.....                        | 43             |
| LIVESTOCK FOR EXPORT.....           | 37             |
| LIVESTOCK FOR IMPORT.....           | 29, 39         |
| MEAT AND MEAT PRODUCTS.....         | 7, 35, 47, 49  |
| MILK PRODUCTS.....                  | 11, 35         |
| MUSSELS.....                        | 57             |
| NAVAL STORES.....                   | 17             |
| NUTS.....                           | 13             |
| ORGANISMS.....                      | 29             |
| OYSTERS.....                        | 57             |
| PEAS.....                           | 43             |
| PESTICIDES.....                     | 67             |
| PET FOOD.....                       | 49, 63         |
| PLANTS AND PLANT PRODUCTS.....      | 23, 25         |
| PORK.....                           | 7, 47, 49      |
| POULTRY AND POULTRY PRODUCTS.....   | 19, 35, 47, 49 |
| POULTRY FOR EXPORT.....             | 37             |
| POULTRY FOR IMPORT.....             | 35, 39         |
| PULSES.....                         | 43             |
| RABBITS AND RABBIT PRODUCTS.....    | 19, 49         |
| REINDEER SLAUGHTER.....             | 49             |
| RICE.....                           | 43             |
| ROSIN.....                          | 17             |
| SEAFOOD.....                        | 51, 57         |
| SHELLFISH.....                      | 51, 57         |
| SQUAB.....                          | 49             |
| TOBACCO AND TOBACCO PRODUCTS.....   | 17, 69         |
| TURPENTINE.....                     | 17             |
| VEAL.....                           | 7, 47, 49      |
| VECTORS.....                        | 29             |
| VEGETABLES, FRESH.....              | 13             |
| BEANS.....                          | 43             |
| LENTILS.....                        | 43             |
| PEAS.....                           | 43             |
| VEGETABLES, PROCESSED.....          | 15             |
| VETERINARY BIOLOGICAL PRODUCTS..... | 31             |
| VETERINARY DRUGS.....               | 63             |
| WATER.....                          | 65             |

REFERENCES IN OTHER SECTIONS

|   |     |
|---|-----|
| PARTS, MATERIALS AND EQUIPMENT FOR RURAL ELECTRIC & TELEPHONE SYSTEMS....                   | 99  |
| EQUIPMENT AND MATERIALS USED IN THE WORKPLACE.....  | 171 |
| LABORATORY ACCREDITATION FOR MEAT/POULTRY/FOOD PRODUCTS.....                                | 125 |
| LABORATORY CERTIFICATION FOR THE ANALYSIS OF WINES AND DISTILLED SPIRITS<br>FOR EXPORT..... | 127 |
| MEASUREMENT CALIBRATION SERVICES.....   | 129 |
| SCALE TESTING AND CERTIFICATION-GRAIN.....  | 131 |
| WEIGHING AND MEASURING DEVICES, COMMERCIAL.....   | 135 |
| HAZARDOUS SUBSTANCES.....   | 227 |
| VEHICLES, REFRIGERATED.....   | 215 |

|                                  |   |
|----------------------------------|---|
| <b>Products or Services</b>      | Meats, Prepared Meats, and Meat Products<br>(Beef, Lamb, Veal, Calf, and Pork)  |
| <b>Department/Agency</b>         | U.S. Department of Agriculture (USDA)<br>Agricultural Marketing Service (AMS)<br>Livestock and Seed Division<br>Meat Grading and Certification (MGC) Branch, Room 2638-S<br>P. O. Box 96456<br>Washington, D.C. 20090-6456<br>(202) 382-1246<br>FAX: (202) 447-7271   |
| <b>Initiated</b>                 | 1946  |
| <b>Compliance</b>                | Voluntary   |
| <b>Authority</b>                 | Agricultural Marketing Act of 1946 (as amended)   |
| <b>Aim</b>                       | To facilitate the marketing of livestock and meat.  |
| <b>Benefits</b>                  | Through uniform grade standards, the meat grading system provides reliable identification of the value-determining factors of meat and a common language to facilitate trading. From producer to consumer, this system makes buying and selling more efficient and meaningful. The certification program assists large scale buyers by providing impartial evaluation and certification that meat purchases meet their contract specifications. |
| <b>Agency Function</b>           | The MGC Branch provides on-site grading and certification of meats and meat products by the physical examination of product characteristics during the production process prior to the purchase.  |
| <b>Methodology</b>               | Inspection by MGC Branch personnel.   |
| <b>Testing</b>                   | Required tests are preformed in Government labs.  |
| <b>Inspection</b>                | MGC Branch personnel.   |
| <b>Conformity Identification</b> | Approved USDA stamps and roller brands are applied in compliance with applicable standards or specifications.   |

|                                 |  |
|---------------------------------|--|
| Enforcement                     | USDA certification is withheld from products not complying with approved standards or specifications.            |
| Term                            | Continuous inspection on a voluntary basis.  |
| Reciprocity                     | None.  |
| Standards, Codes or Regulations | The agency develops and maintains its own USDA approved standards and specifications for the various meat items. |
| Keywords                        | beef; certification; grading; lamb; meat; meat products; pork; veal  |



|                               |   |
|-------------------------------|---|
| Products or Services          | Raw Cotton  |
| Department/Agency             | U.S. Department of Agriculture (USDA)<br>Agricultural Marketing Service (AMS)<br>Cotton Division, Rm. 2641-S<br>P. O. Box 96456<br>Washington, D.C. 20090-6456<br>(202) 447-2145<br>FAX: (202) 472-9718 |
| Initiated                     | 1916  |
| Compliance                    | Required for cotton delivered on Futures Contracts.   |
| Authority                     | 7 CFR Part 27 and U. S. Cotton Futures Act.   |
| Aim                           | To certify quality of cotton delivered on Futures Contracts according to official U. S. Standards.  |
| Benefits                      | Orderly settlement of cotton Futures Contracts.   |
| Agency Function               | Certifier.  |
| Type of Program               | Cotton grading and certification.   |
| Methodology                   | Government agency classes (grades) cotton samples taken from bales expected to be tendered on the futures market and issues certificates certifying quality.  |
| Testing                       | Government labs.  |
| Inspection                    | Government.   |
| Conformity Identification     | Grade certificates.   |
| Availability of Documentation | List of government cotton classing offices available from above address.  |

|                                       |   |
|---------------------------------------|---|
| Obligations of<br>Manufacturer/Vendor | To order samples taken and transported to government<br>classing offices. |
| Enforcement                           | Decertification.  |
| Term                                  | One year from date of original certification.                             |
| Reciprocity                           | Other federal agencies.   |
| Standards, Codes<br>or Regulations    | The agency prepares all criteria documents.                               |
| Keywords                              | certification; classing; cotton quality; grading                          |

|                           |  |
|---------------------------|--|
| Products or Services      | Dairy Products   |
| Department/Agency         | U.S. Department of Agriculture (USDA)<br>Agricultural Marketing Service (AMS)<br>Dairy Division, Rm. 2750-S<br>P. O. Box 96456<br>Washington, D.C. 20090-6456<br>(202) 382-9382<br>FAX: (202) 447-7271 |
| Initiated                 | 1925   |
| Compliance                | Voluntary  |
| Authority                 | 7 CFR Part 58 and the Agricultural Marketing Act of 1946 (as amended).   |
| Aim                       | Orderly trade in processed dairy products and assurance of consistent quality of such commodities.   |
| Benefits                  | Identification of qualified producers. Grading of selected dairy products. Consistent nomenclature for buying and selling processed dairy products.  |
| Agency Function           | Certifier and program administrator.   |
| Type of Program           | Pre-marketing evaluation.<br>Assessment prior to government purchase.  |
| Methodology               | Government agency provides testing, inspection, audit and site approval. State governments cooperate in some phases.   |
| Testing                   | Government labs.<br>Government accredited labs.  |
| Inspection                | Government.<br>State government.   |
| Conformity Identification | List of approved dairy plants. Authorized grading marks are applied on products for which grading standards are established.   |

|                                       |   |
|---------------------------------------|---|
| Availability<br>of Documentation      | List of approved dairy plants is updated quarterly and is available from the above address. |
| Obligations of<br>Manufacturer/Vendor | Approved dairy plants must maintain quality control.  |
| Enforcement                           | Delisting.<br>Product recall.   |
| Term                                  | Dairy plants are reinspected two to four times per year.                                    |
| Reciprocity                           | Other federal agencies.<br>State agencies.  |
| Standards, Codes<br>or Regulations    | The agency prepares all criteria documents.   |
| Keywords                              | butter; cheese; dairy products; food quality; grading                                       |



|                           |  |
|---------------------------|--|
| Products or Services      | Fresh Fruits, Vegetables, Nuts, and Related Products   |
| Department/Agency         | U.S. Department of Agriculture (USDA)<br>Agricultural Marketing Service (AMS)<br>Fruits and Vegetables Division, Rm. 2077-S<br>P. O. Box 96456<br>Washington, D.C. 20090-6456<br>(202) 447-6393<br>FAX: (202) 447-7271                                       |
| Initiated                 | 1917   |
| Compliance                | Voluntary  |
| Authority                 | Agricultural Marketing Act of 1946 (as amended).   |
| Aim                       | Orderly trade in fresh fruits and vegetables based on standard nomenclature. Common basis for settling market disputes over quality of products  |
| Benefits                  | Improve efficiency in buying and selling produce based on official and standardized grading which is consistent throughout the nation. Inspection certificates are accepted in court as prima facie evidence of produce condition at the time of inspection. |
| Agency Function           | Certifier and program administrator.   |
| Type of Program           | Voluntary pre-marketing evaluation.<br>Voluntary post-marketing assessment.<br>Assessment prior to government purchase.  |
| Methodology               | Federal or state inspection.   |
| Inspection                | Federal government inspection.<br>Inspection by state government inspectors trained by USDA.   |
| Conformity Identification | Certificate of inspection.   |

|                                    |  |
|------------------------------------|--|
| Availability of Documentation      | There are no lists of participating producers.   |
| Obligations of Manufacturer/Vendor | Must have a financial interest in the product. Pay assessed fee for service rendered.  |
| Enforcement                        | Although nearly all aspects of this program are voluntary, a full range of enforcement options apply to shippers who practice fraud. |
| Term                               | Certification is done on a lot by lot basis.   |
| Reciprocity                        | USDA grade marking is recognized nation-wide and world-wide in both private and public sectors.                                      |
| Standards, Codes or Regulations    | Grading criteria are established by AMS.   |
| Keywords                           | food quality; fruits; grading; nuts; vegetables  |

|                      |  |
|----------------------|--|
| Products or Services | Processed Fruits and Vegetables  |
| Department/Agency    | U.S. Department of Agriculture (USDA)<br>Agricultural Marketing Service (AMS)<br>Fruits and Vegetables Division, Rm. 0709-S<br>P. O. Box 96456<br>Washington, D.C. 20090-6456<br>(202) 447-4693<br>FAX: (202) 447-7271 |
| Initiated            | 1931   |
| Compliance           | Voluntary, except for products covered by federal or state marketing orders.   |
| Authority            | 7 CFR Part 52 and the Agricultural Marketing Act of 1946 (as amended).   |
| Aim                  | Provide an objective evaluation of quality and condition of various processed food products and conditions under which they are produced.  |
| Benefits             | Provide a uniform basis for nation-wide trade in processed fruits and vegetables.  |
| Agency Function      | Provide voluntary grading and inspection service.  |
| Type of Program      | Pre-market evaluation.<br>Post-market assessment.<br>Assessment prior to government purchase.  |
| Methodology          | Government, testing, inspection, audit, site approval, compliance with good manufacturing practices (GMPs).  |
| Testing              | Government lab.<br>Manufacturer's lab under review by government inspectors.<br>State labs if state is cooperating in program.<br>Third party labs may be used by manufacturer for quality control.                    |

|                                       |  |
|---------------------------------------|--|
| Inspection                            | Federal government inspection.<br>Inspection by cooperating state government inspectors.   |
| Conformity<br>Identification          | Authorized grade and/or inspection marks applied by manufacturer. Government applied mark is restricted to officially sampled lots.  |
| Availability<br>of Documentation      | List of processing plants under contract is published annually and is available from the above address.  |
| Obligations of<br>Manufacturer/Vendor | Make product accessible for sampling. Produce product in accordance with the good manufacturing practices (GMPs) as defined in the Food and Drug Administration's regulations.   |
| Enforcement                           | Since bulk of program is voluntary, means of enforcement is withdrawal of labeling privilege or withdrawal of service. When Marketing Orders are in effect, agency sponsoring the order has authority for product recall or marketing ban. |
| Term                                  | Term is set by contract; activity may be renewed and/or may provide for continuous inspection.   |
| Reciprocity                           | Certificates are recognized by other federal agencies for procurement. Certificates of Sampling from states are recognized by Agency under certain cooperative agreements.   |
| Standards, Codes<br>or Regulations    | Most acceptance criteria are based on requirements or specifications developed by federal or state agencies; however, sometimes buyer specifications are used.   |
| Keywords                              | agricultural marketing orders; food quality; fruits; good manufacturing practices; grading; in-plant inspection; processed foods; sanitation; vegetables   |



|                      |   |
|----------------------|---|
| Products or Services | Tobacco and Naval Stores  |
| Department/Agency    | U.S. Department of Agriculture (USDA)<br>Agricultural Marketing Service (AMS)<br>Tobacco Division, Rm. 502 Annex Building<br>300 12th Street, SW<br>P. O. Box 96456<br>Washington, D.C. 20090-6456<br>(202) 447-2567<br>FAX: (202) 447-2567 |
| Initiated            | Tobacco - 1935<br>Naval Stores - 1923   |
| Compliance           | <u>Tobacco:</u><br>Mandatory only for domestic tobacco sold on designated auction markets and all imported tobacco, except cigar and oriental, offered for importation into the U.S.<br><br><u>Naval Stores:</u><br>Voluntary.              |
| Authority            | The Tobacco Inspection Act.<br>The Dairy and Tobacco Adjustment Act.<br>The Naval Stores Act.   |
| Aim                  | Protection of producers and others against speculation, manipulation, control and unreasonable price fluctuations.  |
| Benefits             | Helps producers move commodities to consumers quickly, fairly and efficiently.  |
| Agency Function      | Certifier and program administrator.  |
| Type of Program      | Pre-market evaluation.  |
| Methodology          | Government grading in accordance with U.S. Official Standard Grades and Specifications.   |

|                                       |  |
|---------------------------------------|--|
| Testing                               | <u>Naval Stores:</u><br>Government lab certifies results of manufacturer's lab.  |
| Inspection                            | <u>Tobacco:</u><br>Federal government inspection.<br><br><u>Naval Stores:</u><br>Official inspectors.<br>Licensed inspectors.                                    |
| Conformity<br>Identification          | <u>Tobacco:</u><br>Government certificates.<br><br><u>Naval Stores:</u><br>Government certificates and authorized mark by manufacturer.                          |
| Availability<br>of Documentation      | Documentation is confidential.   |
| Obligations of<br>Manufacturer/Vendor | Proper lighting and adequate space.  |
| Enforcement                           | <u>Tobacco:</u><br>Reduction of sales opportunity or withdrawal of inspection.<br><br><u>Naval Stores:</u><br>Withdrawal of inspection.                          |
| Term                                  | Continuous inspection.   |
| Reciprocity                           | Recognition of certification by other federal agencies and international organizations.  |
| Standards, Codes<br>or Regulations    | 7 CFR Part 29, Subpart C - Standards.<br>7 CFR Part 160, Regulations and Standards for Naval Stores.<br>ASTM Designation D 233, Sampling and Testing Turpentine. |
| Keywords                              | agricultural marketing orders; food quality; good<br>manufacturing practices; inspection; naval stores; rosin;<br>sanitation; tobacco; turpentine                |

|                      |   |
|----------------------|---|
| Products or Services | Poultry, Shell Eggs, Egg Products, and Rabbits  |
| Department/Agency    | U.S. Department of Agriculture (USDA)<br>Agricultural Marketing Service (AMS)<br>Poultry Division, Rm. 3938-S<br>P. O. Box 96456<br>Washington, D.C. 20090-6456<br>(202) 447-3271<br>Telex: 89-491<br>TWX: 710-822-9424 and 710-822-1104<br>FAX: (202) 447-9016   |
| Initiated            | 1917  |
| Compliance           | Mandatory for all products cited if service is rendered.<br>However, grading of poultry, shell eggs, and rabbits is not<br>mandatory and is provided only to plants requesting the<br>service.  |
| Authority            | Laws:<br><br>Agricultural Marketing Act of 1946 (as amended) (60 Stat.<br>1087-1091; USC 1621-1627).<br>Egg Products Inspection Act (84 Stat. 1620-1635; 21 USC<br>1031-1056).<br><br>Regulations:<br><br>Poultry and rabbit grading - Regulations Governing the<br>Voluntary Grading of Poultry Products and Rabbit Products<br>and U. S. Classes, Standards, and Grades (7 CFR Part 70).<br><br>Voluntary egg products inspection - Regulations Governing<br>the Voluntary Inspection and Grading of Egg Products (7 CFR<br>Part 55).<br><br>Shell egg grading - Regulations Governing the Grading of<br>Shell Eggs and United States Standards, Grades, and Weight<br>Classes for Shell Eggs (7 CFR Part 56).<br><br>Mandatory egg products inspection - Regulations Governing<br>the Inspection of Eggs and Egg Products (7 CFR Part 59). |



|                 |  |
|-----------------|--|
| Aim             | <p>Voluntary:<br/>To develop and improve standards of quality, condition, quantity, grade, and packaging, and recommend and demonstrate such standards in order to encourage uniformity and consistency in commercial practices and enhance the orderly and efficient marketing of poultry and poultry products.</p> <p>Mandatory:<br/>To assure that the health and welfare of consumers is protected by adoption of measures for assuring that eggs and egg products distributed to them and used in products consumed by them are wholesome and labeled properly.</p> |
| Benefits        | <p>Third party evaluation.<br/>Easier dispute settlement.<br/>More accurate market price reporting.<br/>More equitable competition.<br/>Fewer rejections at destination.<br/>Established buying guides (specifications).<br/>Reduced illness.<br/>Upgraded product quality.</p>  |
| Agency Function | <p>Certifier and regulator.</p>  |
| Type of Program | <p>Pre-market evaluation.<br/>Post-market evaluation.<br/>Assessment prior to government purchase.<br/>Specification development.<br/>Inspection &amp; grading.</p>  |
| Methodology     | <p>Government:<br/>Sampling.<br/>Organoleptic laboratory testing.<br/>Evaluation against standard.</p> <p>Certification by third party certifiers.</p>   |
| Testing         | <p>Government laboratories.<br/>Approved state laboratories.<br/>Third party laboratories.<br/>Manufacturer's laboratories.</p>  |
| Inspection      | <p>Federal government inspection.<br/>Inspection by approved state agencies.</p>   |



|                                       |   |
|---------------------------------------|---|
| Conformity<br>Identification          | Stamps (authorized marks).<br>Certificates.<br>Labeling.<br>Seals.  |
| Availability<br>of Documentation      | Single copies of regulations may be obtained from the Agency. Multiple copies may be obtained from the Superintendent of Documents, U.S. Government Printing Office.  |
| Obligations of<br>Manufacturer/Vendor | Operate in a sanitary manner.<br>Maintain volume records.<br>Comply with regulations.<br>Perform required laboratory tests.<br>Reimburse Government for cost of voluntary inspections and gradings.<br>Provide access to products.<br>Provide access to equipment and facilities necessary for accomplishing official duties. |
| Enforcement                           | Product retention.<br>Product recall.<br>Withdrawal of service.<br>Laboratory comparison samples.<br>Removal/withhold official identification.<br>Reinspection/regrading.<br>Interruption of operations (mandatory only).<br>Judicial system.   |
| Term                                  | Continuous mandatory inspection.<br>Continuous or intermittent voluntary inspection.  |
| Reciprocity                           | Use of licensed State employees.<br>Recognition of certification of ingredients by manufacturer.<br>Recognition of certification by approved government laboratory.<br>Recognition of inspection stamp of "Agriculture Canada" for egg products produced in specifically approved Canadian plants.                            |
| Standards, Codes<br>or Regulations    | See "Authority."  |
| Keywords                              | contract acceptance; egg products; eggs; grading branch; grading; poultry; rabbits; shell eggs;   |



|                             |  |
|-----------------------------|--|
| <b>Products or Services</b> | Plants and Unprocessed Plant Products for Export   |
| <b>Department/Agency</b>    | U.S. Department of Agriculture<br>Animal and Plant Health Inspection Service (APHIS)<br>Plant Protection and Quarantine<br>National Program Planning Staff<br>Regulatory Services Staff, Federal Building<br>6505 Belcrest Road<br>Hyattsville, MD 20782<br>Telephone: (301) 436-8537<br>Telex: 89607 ADEHVLE<br>FAX: (301) 436-8794   |
| <b>Initiated</b>            | 1913   |
| <b>Compliance</b>           | Voluntary  |
| <b>Authority</b>            | Department of Agriculture Organic Act of 1944, as amended.<br>7 CFR Part 353.  |
| <b>Aim</b>                  | To assist in foreign marketing of American agricultural products.  |
| <b>Benefits</b>             | Most foreign countries require that shipment of plants and unprocessed or unmanufactured plant products be accompanied by phytosanitary (plant health) certificates certifying conformity with the receiving country's plant quarantine import regulations. The certificates are issued to exporters based upon physical inspection and and the determination that the commodity is free from insect pests, plant diseases, and other organisms considered harmful by the receiving country. Phytosanitary certificates are not issued to satisfy letters of credit or other commercial contract terms and are not certifications of grade or quality. |
| <b>Agency Function</b>      | Certifier and program administrator.   |
| <b>Type of Program</b>      | Pre-export inspection.   |
| <b>Methodology</b>          | Inspection by federal government and state government cooperators.   |

|   |   |
|---|---|
| Testing                                   | Testing in government labs and recognized state and university labs.  |
| Conformity<br>Identification              | Federal Phytosanitary Certificate.  |
| Availability<br>of Documentation          | Information regarding foreign country plant quarantine import requirements is maintained at above address and at Agency offices at major points of entry into the United States.  |
| Obligations of the<br>Manufacturer/Vendor | Exporter must make written application for inspection and make commodity available for physical inspection. Applications for active growth field inspections must be directed to the appropriate state plant regulatory agency in advance of the planting season. |
| Enforcement                               | Federal certification is withheld from commodities not complying with the plant quarantine import requirements of the foreign country.  |
| Term                                      | Inspections normally not valid if conducted more than 14 days prior to commodity export.  |
| Reciprocity                               | Certification is recognized by foreign plant protection services and by regional plant protection organizations.  |
| Standards, Codes<br>or Regulations        | Criteria for certification are established by each foreign country.   |
| Keywords                                  | export certification; export; phytosanitary; plant health; plant quarantine; plant products; plant; re-export   |



|                             |   |
|-----------------------------|---|
| <b>Products or Services</b> | Plants and Unprocessed Plant Products for Import  |
| <b>Department/Agency</b>    | U.S. Department of Agriculture<br>Animal and Plant Health Inspection Service (APHIS)<br>Plant Protection and Quarantine<br>National Program Planning Staff<br>Regulatory Services Staff, Federal Building<br>6505 Belcrest Road<br>Hyattsville, MD 20782<br>Telephone: (301) 436-8645<br>Telex: 89607 ADEHVLE<br>FAX: (301) 436-8794                |
| <b>Initiated</b>            | 1912  |
| <b>Compliance</b>           | Mandatory   |
| <b>Authority</b>            | Plant Quarantine Act of 1912, as amended.<br><br>Federal Plant Pest Act of 1957, as amended.  |
| <b>Aim</b>                  | To assist in preventing the introduction and dissemination of exotic plant pests and pathogens into and throughout U.S. agriculture.  |
| <b>Benefits</b>             | The permit system serves to notify prospective importers of the entry status and special entry requirements for their imports. This aids in preventing the arrival on U.S. shores of plant material potentially infested with exotic plant pests. The permit system also provides the agency with a list of importers of plants and plant products. |
| <b>Agency Function</b>      | Reviews applications, issues permits, and provides information on entry requirements and regulatory changes.  |
| <b>Type of Program</b>      | Pre-import evaluation of entry requirements.  |
| <b>Methodology</b>          | Review of regulations and evaluation of pests associated with product in country of origin.   |
| <b>Testing</b>              | None.   |

|   |  |
|---|--|
| Conformity<br>Identification              | Valid import permit number.  |
| Availability<br>of Documentation          | Lists of approved commodities and entry requirements from each country available from above address.<br>Information on permit holders available only through the freedom of information process. |
| Obligations of the<br>Manufacturer/Vendor | Importer must make written application for permit.   |
| Term                                      | Permits issued for varying time periods ranging from 1 day to 5 years, depending on the product.   |
| Reciprocity                               | Import permit is recognized by foreign plant protection services and by state plant protection organizations.  |
| Standards,<br>Codes, or<br>Regulations    | Criteria for permits are established by the Acts and the regulations promulgated therefrom.  |
| Keywords                                  | import; permit; plant health; plant quarantine; plant products; plant  |

|                      |   |
|----------------------|---|
| Products or Services | Animal By-products for Export   |
| Department/Agency    | U.S. Department of Agriculture<br>Animal and Plant Health Inspection Service (APHIS)<br>Veterinary Services<br>Program Planning and Development<br>Import-Export Emergency Planning Staff<br>Federal Building, Rm. 810<br>6505 Belcrest Road<br>Hyattsville, MD 20782<br>Telephone: (301) 436-8017<br>Telex: 89607 ADEHVLE<br>FAX: (301) 436-8794   |
| Initiated            | 1946  |
| Compliance           | Voluntary   |
| Authority            | Laws:<br>Agricultural Marketing Act of 1946, Sections 203 and 204.<br><br>Regulations:<br>9 CFR Part 156.   |
| Aim                  | To assist U.S. exporters in complying with import requirements of foreign countries.  |
| Benefits             | Most foreign countries require shipments of certain inedible animal by-products to be accompanied by certificates indicating the class, quality, and condition of the by-product and the U.S. status relative to certain livestock diseases. The certificates are issued to exporters based upon physical inspection, Department policy regarding the absence of certain diseases in the U.S., and endorsement of certain certifications made by state or accredited veterinarians. |
| Agency Function      | Certifier and program administrator.  |
| Type of Program      | Pre-export inspection.  |
| Methodology          | Inspection by federal government and/or state government cooperators.   |

|   |   |
|---|---|
| Testing                                   | None.   |
| Conformity<br>Identification              | USDA: export certificate, stamp endorsement, or letterhead certification.   |
| Availability<br>of Documentation          | There are no lists of participating exporters. Copies of regulations may be obtained from the Agency.   |
| Obligations of the<br>Manufacturer/Vendor | In some cases, exporters must enter a cooperative agreement with Veterinary Services (VS); make written application to the Deputy Administrator, VS; and make product available for inspection. |
| Term                                      | No specific term; based on time limits set forth by importing country.  |
| Reciprocity                               | None.   |
| Standards,<br>Codes, or<br>Regulations    | Criteria for certification are established by each foreign country.   |
| Keywords                                  | animal by-product; export; export certification; inedible   |



|                             |  |
|-----------------------------|--|
| <b>Products or Services</b> | Organisms and Vectors - Imported Livestock   |
| <b>Department/Agency</b>    | U.S. Department of Agriculture<br>Animal and Plant Health Inspection Service (APHIS)<br>Veterinary Services<br>Program Planning and Development<br>Import-Export Emergency Planning Staff<br>Federal Building, Rm. 810<br>6505 Belcrest Road<br>Hyattsville, MD 20782<br>Telephone: (301) 436-8017<br>Telex: 89607 ADEHVLE<br>FAX: (301) 436-8025  |
| <b>Initiated</b>            | 1913   |
| <b>Compliance</b>           | Mandatory  |
| <b>Authority</b>            | Laws:<br><br>Virus-Serum-Toxin Act of 1913, as amended<br>(21 USC 111, 151-158) (7 USC 430).<br><br>Act of June 17, 1930 (Tariff Act Section 201)<br>(19 USC 1202) (46 Stat. 673).<br><br>Act of June 17, 1930 (Tariff Act-Section 306)<br>(19 USC 306) (46 Stat. 689).<br><br>Act of July 2, 1962 - P.L. 518 (21 USC 134)<br>(76 State 129).<br><br>Act of May 6, 1970 - P.L. 91-239 (21 USC 135)<br>(84 Stat. 202).<br><br>Regulations:<br><br>9 CFR Chapter I, Subchapter D, Parts 92, 94, 97, and<br>122.<br><br><b>Aim</b><br><br>To assist in preventing the introduction and dissemination<br>of exotic animal diseases into the U.S. livestock<br>population.<br><br><b>Benefits</b><br><br>The permit system serves to notify importers about special<br>entry requirements and handling procedures for imports.<br>Uniform central control of imports. |

|  |   |
|--|---|
| Agency Function                        | Review applications, issue permits, and provide information on entry requirements and regulatory changes.                                       |
| Type of Program                        | Pre-import evaluation.  |
| Methodology                            | Review of applications and evaluation of the importer's ability to handle the organisms or vectors in a safe manner.                            |
| Testing                                | None.   |
| Inspection                             | Government.   |
| Conformity Identification              | Valid import permit and certificates.   |
| Availability of Documentation          | Copies of regulations may be obtained from the Agency. Information on permit holders available only through the Freedom of Information process. |
| Obligations of the Manufacturer/Vendor | Comply with regulations and conditions of permits, maintain records, provide access to facilities and records for inspection.                   |
| Enforcement                            | Revocation of permit, judicial system, refuse entry of imports.   |
| Term                                   | Permits are issued for 1 year.  |
| Reciprocity                            | None.   |
| Standards, Codes, or Regulations       | See "Authority."  |
| Keywords                               | import; organisms; permit; vectors  |

|                      |   |
|----------------------|---|
| Products or Services | Animal Biological Products  |
| Department/Agency    | U.S. Department of Agriculture<br>Animal and Plant Health Inspection Service (APHIS)<br>Veterinary Services<br>Rm. 320-E<br>Washington, D.C. 20250<br>Telephone: (202) 447-5193<br>Telex: 89607 Ans: ADEHVLE<br>FAX: (202) 472-5686 |
| Initiated            | 1913  |
| Compliance           | Mandatory   |
| Authority            | Laws:<br><br>Virus-Serum-Toxin Act of 1913, as amended<br>(21 USC 151-159) (7 USC 430).<br><br>Regulations:<br><br>9 CFR Chapter I, Subchapter E, Parts 101-117   |
| Aim                  | To assure that animal biological products imported into or prepared in the United States are pure, safe, potent, and efficacious.   |
| Benefits             | Uniform central control.<br>Prevention of the introduction and spread of animal diseases.<br>Avoidance of risk to public health and well-being.<br>Improved product quality.  |
| Agency Function      | Certifier and regulator.  |
| Type of Program      | Pre-license product evaluation.<br>Post-license product evaluation.<br>Specification development.<br>Inspection.<br>Export certification.   |

|   |  |
|---|--|
| Methodology                               | Government<br>Laboratory testing<br>Evaluation against standard<br>Inspection<br>Export certification.   |
| Testing                                   | Manufacturer's laboratories.<br>Government laboratories.<br>Third party laboratories.  |
| Inspection                                | Government.  |
| Conformity<br>Identification              | Labeling and certificates.   |
| Availability<br>of Documentation          | Single copies of regulations may be obtained from the Agency. Multiple copies may be ordered from the Superintendent of Documents, U. S. Government Printing Office.   |
| Obligations of the<br>Manufacturer/Vendor | Comply with regulations.<br>Maintain detailed records.<br>Operate in a sanitary manner.<br>Perform manufacturing steps and tests in accordance with requirements.<br>Submit samples to government laboratory.<br>Provide access to facilities and records. |
| Enforcement                               | Government release to market of each serial of each product.<br>Market suspension.<br>Reinspection.<br>Judicial system.  |
| Term                                      | Continuous market release.<br>Periodic inspection of facilities and records.   |
| Reciprocity                               | None.  |



Standards,  
Codes, or  
Regulations

See "Authority."

Keywords

export certificates; licenses; standard requirements;  
veterinary biological products



|                      |   |
|----------------------|---|
| Products or Services | Meat, Milk, and Poultry Products for Import   |
| Department/Agency    | U.S. Department of Agriculture<br>Animal and Plant Health Inspection Service (APHIS)<br>Veterinary Services<br>Program Planning and Development<br>Import-Export Emergency Planning Staff<br>Federal Building, Rm. 810<br>6505 Belcrest Road<br>Hyattsville, MD 20782<br>Telephone: (301) 436-8017<br>Telex: 89607 ADEHVLE<br>FAX: (301) 436-8025   |
| Initiated            | 1890  |
| Compliance           | Mandatory   |
| Authority            | Laws:<br><br>Act of August 30, 1890 (Animal Quarantine Acts; 21 USC 102 through 105) (26 Stat. 414).<br><br>Act of February 2, 1903 (21 USC 111) (32 Stat. 792).<br><br>Act of June 17, 1930 (Tariff Act Section 201) (19 USC 1202) (46 Stat. 673).<br><br>Act of June 17, 1930 (Tariff Act-Section 306) (19 USC 306) (46 Stat. 689).<br><br>Act of July 2, 1962 - P.L. 518 (21 USC 134) (76 State 129).<br><br>Act of May 6, 1970 - P.L. 91-239 (21 USC 135) (84 Stat. 202).<br><br>Regulations:<br><br>9 CFR Chapter I, Subchapter D, Parts 94, 95, and 96. |
| Aim                  | To assure that imported animal products are properly cooked and handled in a manner to prevent the entry and dissemination of exotic animal diseases into the U.S. livestock population.  |

|  |  |
|--|--|
| Benefits                               | The permit system serves to notify importers about special entry requirements and handling procedures for imports. Uniform central control of imports. |
| Agency Function                        | Review applications, issue permits, and provide information on entry requirements and regulatory changes.  |
| Type of Program                        | Pre-import evaluation.   |
| Methodology                            | Review of applications and evaluation of the importer's ability to meet criteria for import.   |
| Testing                                | None.  |
| Inspection                             | Government.  |
| Conformity Identification              | Valid import permit and certificates.  |
| Availability of Documentation          | Copies of regulations may be obtained from the Agency. Information on permit holders available only through the Freedom of Information process.        |
| Obligations of the Manufacturer/Vendor | Comply with regulations and conditions of permit. Maintain records and provide access to facilities and records for inspection.                        |
| Enforcement                            | Revocation of permit, judicial system, refuse entry of imports.  |
| Term                                   | Permits are issued for 1 month to 1 year.  |
| Reciprocity                            | None.  |
| Standards, Codes, or Regulations       | See "Authority."   |
| Keywords                               | animal product; import; meat; milk; permit   |



|                             |  |
|-----------------------------|--|
| <b>Products or Services</b> | Specified Animals for Export   |
| <b>Department/Agency</b>    | U.S. Department of Agriculture<br>Animal and Plant Health Inspection Service (APHIS)<br>Veterinary Services, Domestic Programs<br>Import-Export Operations Staff<br>Federal Building, Rm. 764<br>6505 Belcrest Road<br>Hyattsville, MD 20782<br>Telephone: (301) 436-8695<br>Telex: 89607 ADEHVLE<br>FAX: (301) 436-8025   |
| <b>Initiated</b>            | 1884   |
| <b>Compliance</b>           | Mandatory  |
| <b>Authority</b>            | Laws:<br><br>Act of May 29, 1884 (21 USC 112, 113, 120).<br><br>Act of May 29, 1884 (21 USC 114a).<br><br>Act of February 2, 1903 (21 USC 121).<br><br>Act of July 2, 1962 (21 USC 134, 134f).<br><br>Act of March 4, 1907 (21 USC 612, 613, 614, 618).<br><br>Regulations:<br><br>9 CFR Chapter I, Subchapter D, Part 91. |
| <b>Aim</b>                  | To assure the exportation of healthy livestock and poultry in a humane manner.   |
| <b>Benefits</b>             | Provide a means for exporting healthy animals from the United States which enhances the U.S.'s image and aids in the balance of trade with foreign nations.  |
| <b>Agency Function</b>      | Inspection, certification and regulation.  |
| <b>Type of Program</b>      | Inspection and certification of health for livestock exports.  |

|   |   |
|---|---|
| Methodology                               | Government:<br>Diagnostic testing<br>Inspection of documents and animals<br>Certification   |
| Testing                                   | Government laboratories and government quarantine personnel.  |
| Inspection                                | Government.   |
| Conformity<br>Identification              | Valid health certification matching individual animal identification.   |
| Availability<br>of Documentation          | Copies of regulations, specific health conditions, and guidelines for approved export facilities available on request from the above address.   |
| Obligations of the<br>Manufacturer/Vendor | The exporter must submit an international health certificate issued by an accredited veterinarian to the Department for endorsement. The enclosed health certificate must accompany the animals to a port of embarkation.               |
| Enforcement                               | The health certificates are not endorsed unless the specific health requirements have been met. The importing country is notified if the exporter chooses to export the animals without USDA endorsement.                               |
| Term                                      | Health certificates are valid for 30 days.  |
| Reciprocity                               | None.   |
| Standards,<br>Codes, or<br>Regulations    | U.S. export requirements are based upon criteria developed by experts in the field of preventative veterinary medicine and accepted by the Department. The importing country's health requirements are also enforced by the Department. |
| Keywords                                  | animals; export; health certificate; inspection; livestock; permit; poultry; quarantine; testing  |

|                      |  |
|----------------------|--|
| Products or Services | Specified Animals for Import   |
| Department/Agency    | U.S. Department of Agriculture<br>Animal and Plant Health Inspection Service (APHIS)<br>Veterinary Services, Domestic Programs<br>Import-Export Operations Staff<br>Federal Building, Rm. 764<br>6505 Belcrest Road<br>Hyattsville, MD 20782<br>Telephone: (301) 436-8590<br>Telex: 89607 ADEHVLE<br>FAX: (301) 436-8567   |
| Initiated            | 1890   |
| Compliance           | Both mandatory and authorized to act.  |
| Authority            | Laws:<br><br>Act of August 30, 1890 (Animal Quarantine Acts; 21 USC 102 through 105) (26 Stat. 414).<br><br>Act of February 2, 1903 (21 USC 111) (32 Stat. 792).<br><br>Act of June 17, 1930 (Tariff Act-Section 201) (19 USC 1202) (46 Stat. 673).<br><br>Act of June 17, 1930 (Tariff Act-Section 306) (19 USC 306) (46 Stat. 689).<br><br>Act of July 2, 1962- P.L. 518 (21 USC 134) (76 Stat. 129).<br><br>Act of May 6, 1970-P.L. 91-239 (21 USC 135) (84 Stat. 202).<br><br>Regulations:<br><br>9 CFR Chapter I, Subchapter D, Parts 92, 94, 97, and Subchapter G, Part 151. |
| Aim                  | To prevent the introduction and dissemination of animal diseases of foreign origin.  |
| Benefits             | Allows the U.S. livestock and poultry industries access to genetic materials to improve the national herd/flock and increase its productivity.   |



|  |  |
|--|--|
| Agency Function                        | Provides an inspection and quarantine service, issues permits for entry and certifies the health status of animals and poultry released from quarantine.   |
| Type of Program                        | Pre-import evaluation of permit applications, inspection of imported animals and re-evaluations of import requirements on a continuing basis.  |
| Methodology                            | Government:<br>Diagnostic testing<br>Inspection of documents and animals<br>Certification.   |
| Testing                                | Government laboratories and government quarantine personnel.   |
| Inspection                             | Government.  |
| Conformity Identification              | Valid health certification matching individual animal identification.  |
| Availability of Documentation          | Copies of regulations, specific health conditions, and guidelines for approved import facilities available on request from the above address.  |
| Obligations of the Manufacturer/Vendor | The exporter must submit a written permit application, provide a valid health certification for imports, reimburse the Department for quarantine and special services provided under cooperative agreements.       |
| Enforcement                            | Animals and poultry not meeting U.S. requirements for entry are rejected and must be taken out of the country or be destroyed at importer's expense. Violators of Federal Import Laws are subject to legal action. |
| Term                                   | Permits are valid for periods from 2 weeks to 3 days. In a very few cases, blanket permits for up to one year are issued.  |
| Reciprocity                            | None.  |



**Standards,  
Codes, or  
Regulations**

Criteria based on norms developed by experts in the field of preventative veterinary medicine and accepted by the Department.

**Keywords**

animals; entry; health certificate; import; inspection; livestock; permit; poultry; quarantine; testing



|                      |  |
|----------------------|--|
| Products or Services | Rice, Beans, Whole and Split Peas, Lentils, Processed Grain Products, and Related Products   |
| Department/Agency    | U.S. Department of Agriculture<br>Federal Grain Inspection Service (FGIS)<br>Field Management Division, Room 1641-S<br>P. O. Box 96454<br>Washington, D.C. 20090-6454<br>Telephone: (202) 382-0262<br>Telex: 760 7351 ANS:FGIS UC.<br>FAX: (202) 447-4628  |
| Initiated            | 1916   |
| Compliance           | Voluntary  |
| Authority            | Agricultural Marketing Act of 1946.  |
| Aim                  | Orderly trade in rice, pulses, processed grain products, and related products. Common basis for settling market disputes over quality of products.   |
| Benefits             | Improved efficiency in the buying and selling of rice and pulses based on official and standardized grading and of processed grain products and related products based on user's specification. Inspections are uniform throughout the nation. Inspection certificates are accepted in court as prima facie evidence of product condition at time of inspection. |
| Agency Function      | Certifier, regulator, and program administrator.   |
| Type of Program      | Pre-marketing evaluation.<br>Post-marketing assessment.<br>Assessment prior to government purchase.  |
| Methodology          | Accreditation of third party laboratories.   |
| Testing              | FGIS laboratory.<br>Government accredited laboratory.  |
| Inspection           | FGIS, state government, or third party.  |

|   |  |
|---|--|
| Conformity<br>Identification              | Certificates of inspections.   |
| Availability<br>of Documentation          | There are no lists of participating companies.   |
| Obligations of the<br>Manufacturer/Vendor | Must have financial interest in products and pay assessed fee.   |
| Term                                      | Continuous or intermittent voluntary inspection on a lot basis.  |
| Reciprocity                               | Certificates are required by federal agencies, state agencies, private sector organizations, foreign governments, and international organizations buying and selling rice, pulses, processed grain products, and related products.   |
| Standards, Codes<br>or Regulations        | U.S. Standards for Rough Rice, Brown Rice for Processing, Milled Rice; United States Standards for Beans; United States Standards for Whole Dry Peas, Split Peas, and Lentils; and related handbooks. Acceptance criteria for processed grain products and related products are based on requirements or specifications developed by federal and state agencies and/or FGIS inspection handbooks. In some instances, buyer or seller specification are used. |
| Keywords                                  | beans; good manufacturing practices; in-plant inspection; lentils; peas; pulses; rice; sanitation  |



|                      |   |
|----------------------|---|
| Products or Services | Grain Inspection and Weighing   |
| Department/Agency    | U.S. Department of Agriculture<br>Federal Grain Inspection Service (FGIS)<br>Field Management Division, Room 1641-S<br>P. O. Box 96454<br>Washington, D.C. 20090-6454<br>Telephone: (202) 382-0262<br>Telex: 760 7351 ANS:FGIS UC.<br>FAX: (202) 447-4628   |
| Initiated            | 1916 (inspection).<br>1976 (weights).   |
| Compliance           | Mandatory for exports.<br>Voluntary for domestic products.  |
| Authority            | U.S. Grain Standards Act, as amended.   |
| Aim                  | Provide for the establishment of Official United States Standards for Grain, promote the uniform application of the official standards by official inspection personnel, provide for an official inspection systems for grain, and to regulate the certification of the weight of grain shipped in interstate and foreign commerce. |
| Benefits             | Facilitate the marketing and trading of grain in an orderly and timely manner.  |
| Agency Function      | Certifier, regulator, and program administrator.  |
| Type of Program      | Pre-performance evaluation.<br>Post-performance assessment.<br>Assessment prior to government purchase.   |
| Methodology          | Third party laboratory.   |
| Testing              | FGIS laboratory.<br>Delegated state laboratory.<br>Designated local government agency laboratory.   |

|   |   |
|---|---|
| Inspection                                | FGIS, state government, or third party.   |
| Conformity<br>Identification              | Certification of inspection and/or weight.  |
| Availability<br>of Documentation          | <p>List of official inspection and weighing agencies and list of export elevators may be obtained from:</p> <p>U.S. Department of Agriculture<br/>Federal Grain Inspection Service (FGIS)<br/>Compliance Division, Room 1647-S<br/>P. O. Box 96454<br/>Washington, D.C. 20090-6454<br/>Telephone: (202) 382-0262<br/>Telex: 760 7351 ANS:FGIS UC.<br/>FAX: (202) 447-4628</p> |
| Obligations of the<br>Manufacturer/Vendor | Must submit application for inspection or weighing.   |
| Term                                      | Continuous or intermittent, mandatory or voluntary inspection and weighing services on a lot basis.   |
| Reciprocity                               | Certificates are recognized by federal agencies, state agencies, private sector organizations, foreign governments, and international organizations buying and selling grain.   |
| Standards, Codes<br>or Regulations        | U.S. Grain Standards Act, as amended, and the regulations thereunder; Official United States Standards for Grain; FGIS Inspection Handbooks; and FGIS Weighing Handbook.  |
| Keywords                                  | grain elevators; grain scales; grain weights; grain bins; load cells; loading plans; official grain standards   |

|                           |   |
|---------------------------|---|
| Products or Services      | Meat/Poultry Products<br>(Mandatory Inspection)   |
| Department/Agency         | U.S. Department of Agriculture<br>Food Safety and Inspection Service (FSIS)<br>14th and Independence Ave., SW<br>Washington, D.C. 20250<br>(202) 447-7025 |
| Initiated                 | 1901 (Meat); 1958 (Poultry).  |
| Compliance                | Mandatory   |
| Authority                 | 21 USC 601 <u>et seq.</u> (meat).<br>21 USC 451 <u>et seq.</u> (poultry).   |
| Aim                       | Assure that meat and poultry products moving in interstate commerce for use as human food are safe, wholesome, and accurately labeled.                    |
| Benefits                  | The risk of adulterated or misbranded meat and poultry products entering commerce has been minimized.   |
| Agency Function           | Program administrator.  |
| Type of Program           | Pre-marketing evaluation.   |
| Methodology               | Government inspection.  |
| Testing                   | Government labs.<br>Government approved/accredited labs.<br>Manufacturer's labs.<br>State/local government labs.  |
| Inspection                | Federal or state government.  |
| Conformity Identification | Government applied marks; pre-marketing label approval.   |



|  |  |
|--|--|
| Availability of Documentation          | "Meat and Poultry Inspection Directory" published semi-annually; for sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402.           |
| Obligations of the Manufacturer/Vendor | Make application for inspection; meet requirements for issuance of establishment number; operate under inspection in conformance with Agency rules (9 CFR Parts 301-381).        |
| Enforcement                            | Condemnation of meat animals or birds before slaughter; condemnation of carcasses or product; withdrawal of inspection; criminal prosecution.                                    |
| Term                                   | Continuous inspection for slaughtering plants, and the frequency of inspection for processing plants to be determined by the Secretary of Agriculture.                           |
| Reciprocity                            | Inspection results recognized by:<br>Other federal agencies.<br>State agencies.<br>Private sector organizations.<br>Foreign government agencies.<br>International organizations. |
| Standards, Codes or Regulations        | 9 CFR Parts 301-381; compatibility with FDA regulations issued under authority of the Federal Food, Drug, and Cosmetic Act.  |
| Keywords                               | adulterated product; humane slaughter; livestock; meat inspection; misbranded product; poultry inspection  |



|                               |  |
|-------------------------------|--|
| Products or Services          | Meat/Poultry Products<br>(Voluntary Inspection)  |
| Department/Agency             | U.S. Department of Agriculture<br>Food Safety and Inspection Service (FSIS)<br>14th and Independence Ave., SW<br>Washington, D.C. 20250<br>(202) 447-7025  |
| Initiated                     | 1958   |
| Compliance                    | Voluntary  |
| Authority                     | 7 USC 1622(h).   |
| Aim                           | Provide identification service for meat or other federally inspected products; food inspection service relating to manufacture of a food article; reindeer slaughter inspection service; certification of technical animal fats for export; buffalo slaughter inspection service; rabbit slaughter inspection service; certification of products for dogs, cats, and other carnivores; and, migratory water fowl, game bird, or squab slaughter inspection and/or other poultry or poultry products. |
| Agency Function               | Certifier and program administrator.   |
| Type of Program               | Pre-marketing evaluation.  |
| Methodology                   | Government inspection.   |
| Testing                       | Government labs.<br>Government approved/accredited labs.   |
| Inspection                    | Federal or state government.   |
| Conformity Identification     | Government applied mark.   |
| Availability of Documentation | "Meat and Poultry Inspection Directory" published semi-annually; for sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402.   |

|  |  |
|--|--|
| Obligations of the Manufacturer/Vendor | Make application for inspection; meet requirements for issuance of establishment number; operate under inspection in conformance with Agency rules (9 CFR Parts 301-381).        |
| Enforcement                            | Condemnation of meat animals or birds; condemnation of meat or poultry products; withdrawal of inspection; criminal prosecution.   |
| Term                                   | Indefinite term.   |
| Reciprocity                            | Inspection program recognized by:<br>Other federal agencies.<br>State agencies.<br>Private sector organizations.<br>Foreign government agencies.<br>International organizations. |
| Standards, Codes or Regulations        | 9 CFR Parts 350-362.   |
| Keywords                               | buffalo inspection; game birds; identification service; meat inspection; pet food; poultry inspection; rabbit inspection; reindeer inspection; squab                             |

|                      |   |
|----------------------|---|
| Products or Services | Processed Fish and Shellfish  |
| Department/Agency    | U.S. Department of Commerce<br>National Oceanic and Atmospheric Administration<br>National Marine Fisheries Service<br>Science and Technology<br>Office of Utilization Research<br>National Seafood Inspection Program<br>Room 814, Universal Building South<br>1825 Connecticut Ave., NW<br>Washington, D.C. 20235<br>(201) 673-5374   |
| Initiated            | 1958  |
| Compliance           | Voluntary   |
| Authority            | Agricultural Marketing Act of 1946 (as amended), 50 CFR Parts 260-266.  |
| Aim                  | Increase consumer confidence in products which bear inspection marks and grade shields and provide technical services to the participating industry.  |
| Benefits             | Established quality control for seafood processing operations has improved the wholesomeness of fishery products. The quality and value of these products is communicated to consumers through grading of major types of seafood sold for human consumption. The program also helps processors prepare processing specifications for non-standard fishery products and provides mechanisms for settling trade disputes. |
| Agency Function      | Certifier and program administrator.  |
| Type of Program      | Pre-marketing evaluation of both processing plant and processed products. Entire program is operated on a fee-for-service basis.  |
| Methodology          | Government inspection of plant and products, testing, and certification.  |



|   |  |
|---|--|
| Testing                                   | Testing in government labs, recognized state labs, and Federally accredited private labs.  |
| Inspection                                | Inspection by licensed government agents and state agents operating with a license agreement.  |
| Conformity<br>Identification              | Lists of approved suppliers and certified products.<br>Government applied mark.  |
| Availability<br>of Documentation          | Lists of Sanitary Inspected Fish Establishments (SIFE) and seafood Packed under Federal Inspection (PUFI) or which participate in grade marking. Lists of seafood products covered by these services may be obtained from:<br><br>U.S. Department of Commerce, NOAA<br>National Marine Fisheries Service<br>National Seafood Inspection Laboratory<br>P. O. Drawer 1207<br>Pascagoula, MS 39567-0112<br>(601) 762-4591 |
| Obligations of the<br>Manufacturer/Vendor | Producers must comply with sanitary, quality control, and inspection requirements in addition to providing office, laundry and temporary lab space.  |
| Enforcement                               | Delisting.   |
| Term                                      | Indefinite.  |
| Reciprocity                               | Certification is recognized by:<br>other federal and state agencies<br>private organizations,<br>foreign government agencies (inspection service available for both import and export),<br>international organizations.<br>At present no reciprocity exists with similar agencies in other countries.  |
| Standards, Codes<br>or Regulations        | Agency prepares all criteria documents including the Fishery Products Inspection Manual.   |
| Keywords                                  | fish quality; fish; fishery products; plant inspection; PUFI; quality standards; sanitation; seafood specifications; seafood; SIFE   |



|                           |  |
|---------------------------|--|
| Products or Services      | Color Additives  |
| Department/Agency         | U.S. Department of Health and Human Services<br>Food and Drug Administration (FDA)<br>Center for Food Safety and Applied Nutrition<br>Office of Physical Sciences<br>Division of Color Technology (HFF-430)<br>Colors Certification Branch<br>Room 4034, FOB 8<br>200 C Street, SW<br>Washington, D.C. 20204<br>(202) 245-1141 |
| Initiated                 | 1977 (latest authority)  |
| Compliance                | Mandatory  |
| Authority                 | P.L. 94-295, 21 CFR Parts 70 through 82.   |
| Aim                       | To assure public health and safety in use and consumption of foods, drugs, and cosmetics to which specified colors have been added.  |
| Benefits                  | Color additive certification monitors conformance of additives to existing requirements and identifies the need for new limitations.   |
| Agency Function           | Certifier.   |
| Type of Program           | Pre-marketing evaluation.  |
| Methodology               | Government testing.  |
| Testing                   | Government labs.   |
| Inspection                | Government.  |
| Conformity Identification | A list of approved colors and certified products.  |

|   |  |
|---|--|
| Availability<br>of Documentation          | Lists available from FDA.  |
| Obligations of the<br>Manufacturer/Vendor | Manufacturers must conform with Good Manufacturing Practices (GMP) and report any known ill effects associated with certified additives.             |
| Enforcement                               | Marketing ban<br>Product recall<br>Delisting.  |
| Term                                      | Certification is provided on a batch basis.  |
| Reciprocity                               | Certification is recognized by other federal agencies, state agencies, and private sector organization.  |
| Standards, Codes<br>or Regulations        | Agency prepares criteria for certification. Agency adopts the test methods prepared by others such as the Association of Official Analytic Chemists. |
| Keywords                                  | additives; adulteration; carcinogens; certification; color additives; cosmetics; drugs; foods; misbranding   |

|                      |  |
|----------------------|--|
| Products or Services | Food for Humans  |
| Department/Agency    | U.S. Department of Health and Human Services<br>Food and Drug Administration (FDA)<br>Center for Food Safety and Applied Nutrition<br>Office of Compliance<br>Regulatory Guidance Division<br>Room 5001, FOB 8<br>200 C Street, SW<br>Washington, D.C. 20204<br>(201) 485-0187 |
| Initiated            | 1938   |
| Compliance           | Mandatory  |
| Authority            | Food, Drug and Cosmetic Act of 1938, as amended.   |
| Aim                  | To assure that foods are pure and wholesome, safe to eat, and produced under sanitary conditions.  |
| Benefits             | The appearance of adulterated and misbranded products in the market has been minimized.  |
| Agency Function      | Program administrator.   |
| Type of Program      | Pre-marketing evaluation.  |
| Methodology          | Government inspection.   |
| Testing              | Government labs<br>Manufacturers' labs<br>Third party labs<br>State/local labs   |
| Inspection           | Government<br>State/local government   |

|   |   |
|---|---|
| Conformity<br>Identification              | Proper informative labeling; identification of processing plant where such are specifically inspected, such as shellfish packers.   |
| Availability<br>of Documentation          | FDA publicizes only firms known to be not complying with required standards.  |
| Obligations of the<br>Manufacturer/Vendor | Producers must advise FDA any time a violation of good manufacturing practices occurs. Misbranded, adulterated products should be destroyed, but may be seized by government agents.                        |
| Enforcement                               | Marketing ban.<br>Product recall.   |
| Term                                      | Continuous inspection.  |
| Reciprocity                               | Program is recognized by:<br>Other federal agencies.<br>State agencies.<br>Private sector organizations.  |
| Standards, Codes<br>or Regulations        | Agency prepares all criteria documents.   |
| Keywords                                  | adulterated product; dietary foods; fill of container standard; good manufacturing practices; infant formula; misbranded product; nutrition labeling; sanitation; standard of identity; standard of quality |



|                     |   |
|---------------------|---|
| Products or Service | Fresh and Frozen Molluscan Bivalves<br>(Oysters, Clams, and Mussels)  |
| Department/Agency   | U.S. Department of Health and Human Services<br>Food and Drug Administration (FDA)<br>Center for Food Safety and Applied Nutrition<br>Office of Compliance<br>Shellfish Sanitation Branch (HFF-344)<br>Room 3092, FOB 8<br>200 C Street, SW<br>Washington, D.C. 20204<br>(201) 485-0149 |
| Initiated           | 1925  |
| Compliance          | Voluntary/cooperative   |
| Authority           | Food, Drug and Cosmetic Act of 1938, (Sections 402, 403, 701(a)), as amended.<br>Public Health Service Act (Sections 301, 308, 311, 361), as amended.   |
| Aim                 | To identify actual or potential sources of pollution that may contaminate shellfish growing areas; prevent the harvesting of shellfish from contaminated waters; and maintain sanitary conditions during the handling and processing of shellfish.                                      |
| Benefits            | Shellfish products marketed in interstate commerce are safe for human consumption.  |
| Agency Function     | Administers program; evaluates state shellfish control programs; and develops program guidelines and standards.   |
| Type of Program     | Pre-marketing control of product through classification of shellfish growing areas, prevention of illegal harvesting, and inspection of harvesting and processing operations.   |
| Methodology         | State shellfish agencies have the responsibility for classifying growing waters and assuring industry maintains adequate sanitary operating procedures. FDA evaluates state programs to determine program compliance through field visits and office file reviews.                      |

|  |   |
|--|---|
| Testing                                | FDA evaluates state and local laboratories used for the examination of sea water and shellfish. The laboratories are only evaluated for compliance with American Public Health Association (APHA) procedures for the examination of sea water and shellfish, not approved or certified. |
| Inspection                             | State shellfish control officials conducts all shellfish activities through field surveys and inspection of harvesting and processing operations. State programs are evaluated by FDA shellfish specialists.  |
| Conformity Identification              | FDA publishes monthly the "Interstate Certified Shellfish Shippers List" (ICSSL) containing the names and certification numbers of state certified shellfish firms.   |
| Availability of Documentation          | The ICSSL is provided free to all states, the shellfish industry and other interested individuals upon request.   |
| Obligations of the Manufacturer/Vendor | Shellfish industry is required to meet state shellfish sanitary requirements for harvesting, handling and processing operations, and conform to National Shellfish Sanitation Program (NSSP) criteria and Good Manufacturing Practice Regulations.                                      |
| Enforcement                            | State decertifies firm. FDA is notified and removes firm from the ICSSL.  |
| Term                                   | Indefinite term; reinspection after correction of deficiencies.   |
| Reciprocity                            | FDA certification is recognized by other federal agencies, states and foreign government agencies.  |
| Standards, Codes or Regulations        | NSSP Manual of Operations Part I and II; Laboratory Procedures for the Examination of Seawater and Shellfish, Fifth Edition, 1985 by APHA. FDA develops and revises manual of operations. Manual revisions are approved by state shellfish control agencies.                            |
| Keywords                               | clams; interstate shipment; mussels; National Shellfish Sanitation Program; NSSP; oysters; seafood; shellfish   |

|                      |  |
|----------------------|--|
| Products or Services | Infant Formula   |
| Department/Agency    | U.S. Department of Health and Human Services<br>Food and Drug Administration (FDA)<br>Center for Food Safety and Applied Nutrition<br>Office of Compliance<br>Regulatory Guidance Division<br>Room 5001, FOB 8<br>200 C Street, SW<br>Washington, D.C. 20204<br>(201) 485-0187 |
| Initiated            | 1980   |
| Compliance           | Mandatory  |
| Authority            | Infant Formula Act of 1980, 21 USC 412, 21 CFR Chapter 1, Subchapters A and B.   |
| Aim                  | To establish minimum nutrition requirements for infant formula.  |
| Benefits             | Virtually all domestically produced infant formula now complies with this rule.  |
| Agency Function      | Program administrator  |
| Type of Program      | Pre-marketing evaluation.  |
| Methodology          | Manufacturer self-certification.<br>Compliance with Good Manufacturing Practices (GMP).  |
| Testing              | Manufacturers lab.   |
| Inspection           | Government.  |



|   |   |
|---|---|
| Conformity<br>Identification              | Lists of approved suppliers and certified products.   |
| Availability<br>of Documentation          | Lists available from FDA.   |
| Obligations of the<br>Manufacturer/Vendor | Quarterly recertification by each producer. Prompt notification to FDA of any suspected batch non-compliance, adulteration, or misbranding. |
| Enforcement                               | Marketing ban.<br>Product recall by agency or producer.   |
| Term                                      | Audit testing/inspection to assure conformance with quality control requirements prescribed by agency.                                      |
| Reciprocity                               | FDA certification is recognized by other federal agencies, states and private sector organizations.   |
| Standards, Codes<br>or Regulations        | Technical requirements are specified in the Act.  |
| Keywords                                  | adulteration; good manufacturing practices; infant formula; misbranding; nutrition requirements; product recall; quality control            |



|                               |   |
|-------------------------------|---|
| Products or Services          | Food Inspection Personnel   |
| Department/Agency             | U.S. Department of Health and Human Services<br>Food and Drug Administration (FDA)<br>State Training Branch (HFC-153)<br>5600 Fishers Lane<br>Rockville, MD 20857<br>(301) 443-5871 |
| Initiated                     | 1976  |
| Compliance                    | Voluntary   |
| Authority                     | Public Health Service Act, as amended.  |
| Aim                           | Achieve a high degree of uniformity throughout the nation in the inspection of sanitation for the selling of food.  |
| Benefits                      | Program has provided uniform methods of training, examination, and review of food inspection personnel.   |
| Agency Function               | Certifier.  |
| Type of Program               | Evaluation of individual's competence.  |
| Methodology                   | Government testing and audit.   |
| Testing                       | Federal and state examination and training facilities.  |
| Inspection                    | Federal and state government.   |
| Conformity Identification     | Lists of certified inspectors are kept by participating state health departments.   |
| Availability of Documentation | List must be obtained at the state level.   |
| Term                          | Retesting every three years.  |

|                                 |  |
|---------------------------------|--|
| Reciprocity                     | Recognition by other federal agencies, state agencies, and private sector organizations.   |
| Standards, Codes or Regulations | Agency prepares all criteria documents.  |
| Keywords                        | food inspection personnel; model ordinance; personnel certification practices; retail sales; sanitation; standard of quality; standard of identity; training |

|                             |  |
|-----------------------------|--|
| <b>Products or Services</b> | Food and Drugs for Animals   |
| <b>Department/Agency</b>    | U.S. Department of Health and Human Services<br>Food and Drug Administration (FDA)<br>Center for Veterinary Medicine<br><br>For new animal drugs:<br>Office of New Animal Drug Evaluation<br>5600 Fishers Lane<br>Rockville, MD 20857<br>(301) 443-4313<br><br>For animal foods:<br>Office of Surveillance and Compliance<br>Animal Feeds Division<br>5600 Fishers Lane<br>Rockville, MD 20857<br>(301) 443-4438 |
| <b>Initiated</b>            | 1938   |
| <b>Compliance</b>           | Mandatory  |
| <b>Authority</b>            | Food, Drug and Cosmetic Act, Title 21 USC, as amended by P.L. 90-399.  |
| <b>Aim</b>                  | To assure that foods, feeds, additives and medicines intended for animal use are safe and effective for intended use.  |
| <b>Benefits</b>             | Low-risk preparations with uniform quality and predictable performance have been developed for animal use.   |
| <b>Agency Function</b>      | For new animal drugs (NAD): certifier.<br>For all other products: program administrator.   |
| <b>Type of Program</b>      | Pre-marketing evaluation.  |
| <b>Methodology</b>          | For NAD, government design approval, inspection, site approval.<br>For other products, manufacturer self-certification.<br>For all products, compliance with Good Manufacturing Practices (GMP).   |

|   |   |
|---|---|
| Testing                                   | Manufacturer's lab or third party lab.  |
| Inspection                                | Government.   |
| Conformity<br>Identification              | Lists of approved products and qualified producers are maintained by FDA.   |
| Availability<br>of Documentation          | Lists are available from the Center.  |
| Obligations of the<br>Manufacturer/Vendor | For all products, manufacturers are required to register establishments annually; maintain sanitary conditions, provide adequate labeling; and comply with GMPs. For NADs, substantial evidence to demonstrate safety and effectiveness must be provided. Proof that residues unsafe for human consumption are not left over specified time periods is required for drugs or medicated feeds intended for animals which are used as human food. |
| Enforcement                               | Marketing ban and product recall.   |
| Term                                      | No specific term; retesting is based on changes in product characteristics or use. A major consideration is any misbranding or adulteration.  |
| Reciprocity                               | Certifications are recognized widely in the U.S. Many states require a "Guaranteed Analysis" for minimum protein, fat, fiber, and moisture content. There is no reciprocity among countries for these products.   |
| Standards, Codes<br>or Regulations        | Agency prepares regulatory requirements including the GMPs, but draws some technical input from the National Academy of Sciences.   |
| Keywords                                  | additives; adulteration; animal drugs; animal feed; good manufacturing practices; misbranding; pet food; registration; veterinary medicine  |



|                             |   |
|-----------------------------|---|
| <b>Products or Services</b> | Drinking Water  |
| <b>Department/Agency</b>    | Environmental Protection Agency (EPA)<br>Office of Drinking Water<br>Criteria and Standards Division<br>Science and Technology Branch<br>401 M Street, SW<br>Washington, D.C. 20460<br>(202) 382-3040 |
| <b>Initiated</b>            | 1974  |
| <b>Compliance</b>           | Mandatory.<br>Act requires states seeking primacy to implement a certification program based on federal standards; otherwise EPA will certify laboratories in remaining areas.                        |
| <b>Authority</b>            | Safe Drinking Water Act (42 USC 300); National Interim Primary Drinking Water Regulations (40 CFR Parts 141 and 142).   |
| <b>Aim</b>                  | To broaden the base of testing facilities competent to analyze drinking water in disciplines of chemistry, microbiology, and radiochemistry.  |
| <b>Benefits</b>             | Easier access to competent testing facilities for all regulated and interested parties.   |
| <b>Agency Function</b>      | Certifier (in nonprimary states, territories, and Indian reservations).<br>Program administrator elsewhere.   |
| <b>Type of Program</b>      | Pre-market evaluation.<br>(Act requires that data from a laboratory be acceptable only after laboratory is certified; however, laboratory must be in operation before it can be certified).           |
| <b>Methodology</b>          | Government design of certification program testing, inspection, audit, and site approval plus compliance with Good Laboratory Practice Regulations.   |

|                                       |  |
|---------------------------------------|--|
| Testing                               | Government labs.<br>State labs.  |
| Inspection                            | Government.<br>State labs.   |
| Conformity<br>Identification          | Certified labs are issued certificates identifying areas of competency. Certifying authorities maintain lists of labs which have been issued certificates.   |
| Availability<br>of Documentation      | Lists are available from certifying authorities and EPA Regional Offices.  |
| Obligations of<br>Manufacturer/Vendor | Certified labs must complete periodic performance evaluations satisfactorily, maintain competency in approved methods, notify certifier of changes in staff or equipment and submit to periodic on-site evaluations. |
| Enforcement                           | Delisting.   |
| Term                                  | Three years if certified by EPA or most states; some states recertify more frequently.   |
| Reciprocity                           | Direct EPA certification is recognized by other federal agencies and some states. States are expected to develop procedures for recognizing certifications among themselves.   |
| Standards, Codes,<br>or Regulations   | EPA develops standards methods.<br>Agency recognizes methods prepared by others.   |
| Keywords                              | chemistry; drinking water; microbiology; on-site evaluation; performance evaluation; pollution; quality assurance; radiochemistry; water quality   |

|                      |   |
|----------------------|---|
| Products or Services | Certification of Private and Commercial Applicators of Restricted Use Pesticides  |
| Department/Agency    | Environmental Protection Agency (EPA)<br>Pesticide Applicator Certification and Training Program<br>Office of Pesticides and Toxic Substances<br>401 M Street, SW<br>Washington, D.C. 20460<br>(202) 475-9582 |
| Initiated            | 1972  |
| Compliance           | Mandatory. Act requires states to perform certification to federal guidelines, but permits EPA to perform the function if state is unable to do so.   |
| Authority            | The Federal Fungicide, Insecticide, and Rodenticide Act (FIFRA) P.L. 94140 and P.L. 95396.<br>40 CFR Part 171.1171.11; and various state laws and regulations.  |
| Aim                  | To minimize misuse of pesticides by both private and commercial applicators.  |
| Benefits             | Greater awareness by regulated community of the hazards associated with pesticide misuse.   |
| Agency Function      | Certifier in Colorado and Nebraska; state facilities in all other states and territories.   |
| Type of Program      | Pre-market evaluation; applicator may not offer services for hire until competency is demonstrated by examination or attendance at an approved training program.  |
| Methodology          | Government facilities in Colorado and Nebraska; state facilities in all other states and territories.   |
| Testing              | Personnel testing is conducted by the certifying agency.  |
| Inspection           | Same basis as testing.  |



|                                       |   |
|---------------------------------------|---|
| Conformity<br>Identification          | Certifying states issue identification numbers to individual certified applicators.   |
| Availability<br>of Documentation      | Each state maintains a controlled list of certified applicators. Contacts in states are available from the states or EPA. Lists of certified applicators in Colorado and Nebraska are available from the EPA. |
| Obligations of<br>Manufacturer/Vendor | Certified applicators and/or their employees are obligated to limit applications to those restricted pesticides for which they have been certified.   |
| Enforcement                           | Delisting or limitation of certification by certifying agency.  |
| Term                                  | State certification terms vary from one to six years; the term for federal certification is four years for private applicators and three for commercial applicators.  |
| Reciprocity                           | Reciprocity among states is based on state agreements which are on file with the EPA. No formal list of reciprocal relations is available.  |
| Standards, Codes,<br>Regulations      | Certification standards are promulgated by the states and must be as stringent as required by FIFRA.  |
| Keywords                              | chemicals; environmental hazards; fungicides; insecticides; pesticides; registered chemicals; restricted use; rodenticides  |



|                               |   |
|-------------------------------|---|
| Products or Services          | The Testing of Cigarettes for "Tar," Nicotine and Carbon Monoxide (PROGRAM WAS MODIFIED IN 1987)  |
| Department/Agency             | Federal Trade Commission<br>Bureau of Consumer Protection<br>Division of Advertising Practices<br>6th and Pennsylvania, NW<br>Washington, D.C. 20580<br>(202) 326-3150  |
| Initiated                     | 1966  |
| Compliance                    | Voluntary   |
| Aim                           | To inform the smoking public about the "tar," nicotine, and carbon monoxide of cigarettes so that they can make an informed choice in buying cigarettes.  |
| Benefits                      | See above.  |
| Agency Function               | Program administrator.  |
| Type of Program               | Post-marketing assessment.  |
| Methodology                   | Cigarettes which used to be tested in a government owned laboratory are now tested by the industry using a government approved method. Results are reported to the FTC for publication. A consultant to the FTC monitors the testing. |
| Testing                       | See above.  |
| Inspection                    | Advertisements are reviewed continually.  |
| Conformity Identification     | A report on the test results are published in the Federal Register and provided to Congress.  |
| Availability of Documentation | A copy of the report is available from the FTC.   |

Reciprocity

There are no reciprocal agreements.

Keywords

carbon monoxide; cigarettes; CO; nicotine; tar; tobacco;  
TPM

**SECTION II**  
**CONSUMER PRODUCTS AND SERVICES**





SECTION II  
CONSUMER PRODUCTS AND SERVICES  
INDEX

| <u>REFERENCES IN THIS SECTION</u>   | <u>PAGE</u> |
|---|-------------|
| APPLIANCES, HOUSEHOLD.....  | 75, 77      |
| CONSUMER PRODUCTS.....  | 81          |
| FABRICS USED IN WEARING APPAREL AND INTERIOR FURNISHINGS.....   | 83          |
| AMERICAN INDIAN, ESKIMO, AND ALEUT ENTERPRISES THAT MARKET INDIAN, ESKIMO,<br>OR ALEUT HANDICRAFTS..... | 85          |

REFERENCES IN OTHER SECTIONS

|   |     |
|---|-----|
| SECTION I-AGRICULTURAL PRODUCTS AND SERVICES..... | 3   |
| SECTION VII-MEDICAL PRODUCTS AND SERVICES.....    | 137 |
| ELECTRONIC PRODUCTS - RADIATION PROTECTION.....   | 107 |
| ENGINES, MOTOR VEHICLE.....                       | 191 |
| HAZARDOUS HOUSEHOLD SUBSTANCES.....               | 227 |
| MOTOR VEHICLE SAFETY.....                         | 193 |



|                      |   |
|----------------------|---|
| Products or Services | Appliances  |
| Department/Agency    | U.S. Department of Energy<br>Building Equipment Division<br>Office of Buildings and Community Systems<br>Office of Conservation and Renewable Energy<br>Deputy Assistant Secretary for Conservation<br>Mail Station CE-132<br>100 Independence Ave., SW<br>Washington, D.C. 20585<br>(202) 586-9127<br>(202) 586-5100   |
| Initiated            | Standards will be established and made effective as follows:<br><br>January 1, 1987:<br>Dishwashers, Clothes Washers, Clothes Dryers<br><br>January 1, 1990:<br>Refrigerators, Refrigerator-Freezers, Freezers, Room Air Conditioners, Water Heaters, Pool Heaters, Direct Heating Equipment, Kitchen Ranges, Ovens<br><br>January 1, 1992:<br>Central Air Conditioners, Furnaces |
| Compliance           | Mandatory for all manufacturers and importers of the 11 types of covered products.  |
| Authority            | Energy Policy Conservation Act (EPCA) as amended, P.L. 94-163, 89 Stat. 917, 42 USC 6295.   |
| Aim                  | Reduce energy consumption through the use of more efficient appliances.   |
| Benefits             | By establishing technically feasible minimum energy efficiency or maximum energy use levels of various appliances covered (generally used in residential applications) the consumer will save on utility bills while reducing the need for utility companies to construct additional facilities or consume larger quantities of fuel.   |

|  |   |
|--|---|
| Agency Function                        | Administers a program to establish procedures to evaluate the energy use of products, establish/revise maximum use levels, and to analyze new products to determine if the "Act" applies.   |
| Type of Program                        | Pre-marketing evaluation and post-marketing assessment.   |
| Methodology                            | Manufacturer's self-certification.  |
| Testing                                | Manufacturer's lab.<br>Third party labs.  |
| Inspection                             | Government.   |
| Conformity Identification              | Policy/requirements not established at this time.   |
| Availability of Documentation          | Policy/requirements not established at this time.   |
| Obligations of the Manufacturer/Vendor | Policy/requirements not established at this time.   |
| Enforcement                            | Policy/requirements not established at this time.   |
| Term                                   | Indefinite term.  |
| Reciprocity                            | National Appliance Energy Conservation Act (NAECA) of 1987 (which amended the EPCA) preempts all state legislation unless a waiver is granted by DOE or the state complies with specific requirements established in NAECA.   |
| Standards, Codes or Regulations        | 10 CFR Part 430.  |
| Keywords                               | appliances; central air conditioners; clothes dryers; clothes washers; direct heating equipment; dishwashers; energy efficiency; EPCA; freezers; furnaces; kitchen ranges; ovens; NAECA; pool heaters; refrigerator-freezers; refrigerators; room air conditioners; water heaters |



|                      |  |
|----------------------|--|
| Products or Services | Categories of Major Home Appliances  |
| Department/Agency    | Federal Trade Commission<br>Bureau of Consumer Protection<br>Division of Enforcement<br>601 Pennsylvania Ave., NW<br>Washington, D.C. 20580<br>(202) 326-3035  |
| Initiated            | 1980   |
| Compliance           | Mandatory for categories of covered appliance products.  |
| Authority            | The Energy Policy and Conservation Act (EPCA) P.L. 94-163, 89 Stat. 871 (1975), as amended by the National Energy Conservation Policy Act, P.L. No.95-619, 92 Stat. 3258 (1978).<br><br>16 CFR Part 305 (Rule for Using Energy Costs and Consumption Information Used in Labeling and Advertising for Consumer Appliances Under the Energy Policy and Conservation Act (Rule)).          |
| Aim                  | To encourage consumers to comparison shop for energy efficient household appliances in order to reduce the amount of energy they use in their homes.   |
| Benefits             | The availability of energy consumption information should enhance consumer demand for appliances that save energy. In turn, competition should be generated among manufacturers to meet this demand by producing more energy efficient appliances. Consumers will be able to save money by reducing their energy costs and can help to promote the national goal of energy conservation. |
| Agency Function      | Program administrator.   |
| Type of Program      | Pre-sale disclosure.   |

## Methodology

Following rulemaking proceedings as required by EPCA, the FTC has adopted labeling rules for several appliance categories. The appliance labels will give consumers the estimated yearly energy cost or energy efficiency of competing products before they buy an appliance. The labels will also provide consumers with a range of estimated annual energy costs for comparable appliances. Under the EPCA, only appliances for which the DOE has prescribed final test procedures can be covered by the FTC's Rule. Manufacturers must base required label information on the results of tests performed in accordance with the procedures prescribed by DOE. Additionally, the FTC prescribed the required layout, type size, setting, colors, paper stock and contents of the appliance labels. FTC representatives are allowed to observe any testing required by the Rule and to inspect the results of the testing if requested.

## Testing

Commercial lab.  
Manufacturer's lab.

## Inspection

Government.

## Conformity Identification

The Commission's Appliance Labeling Rule mandates a uniform disclosure scheme (in the form of appliance labels) for energy consumption information. All energy labels for each category of covered appliance use the same size, colors and typefaces with consistent positioning of headline, copy and charts. Such uniformity in the disclosure format facilitates immediate consumer recognition and readability.

## Availability of Documentation

The range of estimated annual energy costs for each covered appliance is taken from the appropriate appendix to the Rule in effect at the time the labels are affixed to the products. The FTC publishes revised ranges annually in the Federal Register, if appropriate, or a statement that specific prior ranges are still applicable. Ranges are changed if the upper or lower limit of the range changes by 15% or more.

|  |   |
|--|---|
| Obligations of the Manufacturer/Vendor | The Rule requires manufacturers to label covered appliances with information indicating their estimated annual energy costs and related information. Manufacturers base required label information on tests they perform using procedures prescribed by DOE. The Rule also contains specific requirements concerning the duty of manufacturers to make reports to the Commission, to maintain records and to have substantiation for required disclosures or other representations they make. |
| Term                                   | Indefinite term.  |
| Reciprocity                            | The Commission's Appliance Labeling Rule is recognized by other federal agencies, state agencies, and private sector organizations.   |
| Standards, Codes or Regulations        | Standard test procedures are prescribed by the DOE. Label format is prescribed by the FTC.  |
| Keywords                               | appliance labeling; energy efficiency rating; energy conservation; estimated annual energy cost   |





|                           |  |
|---------------------------|--|
| Products or Services      | Consumer Products<br>(Personal use devices intended for household, school, or recreational use)  |
| Department/Agency         | Consumer Product Safety Commission (CPSC)<br>Office of the General Counsel<br>5401 Westbard Avenue, Room 200<br>Bethesda, MD 20207<br>(202) 492-6980 |
| Initiated                 | October 1972   |
| Compliance                | Mandatory  |
| Authority                 | P.L. 92-573 as amended by P.L. 94-284, 95-319, 95-631, 96-373, 97-35.  |
| Aim                       | To reduce the number of consumer products which present unreasonable risks.  |
| Benefits                  | Specific products covered by CPSC Standards are now certified by manufacturers to conform with legal requirements.                                   |
| Agency Function           | Program administrator.   |
| Type of Program           | Post-marketing assessment.   |
| Methodology               | Manufacturer's self-certification.<br>Government audit.  |
| Testing                   | Manufacturer's lab.<br>Third party labs.   |
| Inspection                | Government.  |
| Conformity Identification | Government authorized mark or label by manufacturer or private brander.  |

|                                    |  |
|------------------------------------|--|
| Availability of Documentation      | Lists of manufacturers or private branders subject to certification rules or banning orders can be obtained from CPSC.   |
| Obligations of Manufacturer/Vendor | Manufacturers, private branders, and distributors shall keep such records as the Commission directs to assist in the enforcement of the Act, such as known non-conformance to applicable standards or known defects which could present an unreasonable risk of injury whether or not covered by a standard. |
| Enforcement                        | Marketing ban.<br>Product recall.  |
| Term                               | Periodic retesting in a testing program acceptable to the CPSC is usually required.  |
| Reciprocity                        | None.  |
| Standards, Codes, or Regulations   | Criteria for standards are cited in the Act; agency itself prepares Consumer Product Safety Standards; Commission recognizes the use of voluntary standards to reduce risks of injury.   |
| Keywords                           | audit testing; banned products; consumer products; imminent hazard; mandatory standards; product recall; product safety  |

|                           |  |
|---------------------------|--|
| Products or Services      | Fabrics Used in Wearing Apparel and Interior Furnishings   |
| Department/Agency         | Consumer Product Safety Commission (CPSC)<br>Office of the General Counsel<br>5401 Westbard Avenue, Room 200<br>Bethesda, MD 20207<br>(202) 492-6980 |
| Initiated                 | June 1953  |
| Compliance                | Mandatory  |
| Authority                 | P.L. 83-88.  |
| Aim                       | To reduce the risk of fire and injury or death related to fire, in or on fabric articles.  |
| Benefits                  | Compliance with applicable standards and associated labeling have reduced the covered risks.   |
| Agency Function           | Program administrator.   |
| Type of Program           | Post-marketing assessment.   |
| Methodology               | Manufacturer's self-certification.<br>Government audit inspection/testing.   |
| Testing                   | Government labs.<br>Government approved labs.<br>Third party labs.<br>Manufacturer's lab.  |
| Inspection                | Government.<br>State/local government.<br>Third party.   |
| Conformity Identification | Authorized label by manufacturer.  |

|                                    |   |
|------------------------------------|---|
| Availability of Documentation      | No list of certified suppliers or products is prepared.   |
| Obligations of Manufacturer/Vendor | Manufacturer may comply with the Act by guaranteeing conformance with applicable standards based on test data.  |
| Enforcement                        | Product condemnation and destruction.   |
| Term                               | Periodic audit testing/inspection is required to maintain certification.  |
| Reciprocity                        | Conformity is recognized by other federal agencies, state governments, and private organizations.   |
| Standards, Codes, or Regulations   | Criteria for standards are cited in the Act; agency itself prepares Consumer Product Safety Standards; Commission recognizes the use of voluntary standards to accomplish the purpose of the Act. |
| Keywords                           | apparel; bedding; fabrics; flammability; furnishings; interior furnishings; product testing; voluntary standards; wearing apparel   |



|                                    |   |
|------------------------------------|---|
| Products or Services               | American Indian, Eskimo, and Aleut Enterprises that Market Indian, Eskimo, or Aleut Handicrafts   |
| Department/Agency                  | Indian Arts and Crafts Board<br>U.S. Department of the Interior<br>Room 4004, North Interior Building<br>Washington, D.C. 20240<br>(202) 343-2773 |
| Initiated                          | 1943  |
| Compliance                         | Voluntary   |
| Authority                          | P.L. 74-355; 25 CFR Part 308.   |
| Aim                                | To improve the competitiveness of genuine products which are marketed in competition with imitations.   |
| Benefits                           | See above.  |
| Agency Function                    | Certifier and program administrator.  |
| Type of Program                    | Pre-marketing evaluation.   |
| Methodology                        | Government inspection and evaluation of product quality.  |
| Inspection                         | Products and facilities are inspected by the federal government.  |
| Conformity Identification          | Facilities are licensed to use the certification mark.<br>Products are marked.  |
| Availability of Documentation      | A free list of approved enterprises is available from the Board.  |
| Obligations of Manufacturer/Vendor | The certification mark may be applied only to products that meet the Board's standards.   |

|                                  |  |
|----------------------------------|--|
| Enforcement                      | Delisting as well as the imposition of criminal penalties for the willful misuse of the mark.                            |
| Term                             | Indefinite term with occasional re-inspection.   |
| Reciprocity                      | No reciprocal agreements.  |
| Standards, Codes, or Regulations | Agency prepared standards/criteria.  |
| Keywords                         | Aleut; American Indian; crafts; Eskimo; handicrafts; Indian; jewelry; native American artists; native American craftsmen |

**SECTION III**  
**CONSTRUCTION PRODUCTS AND SERVICES**





SECTION III  
CONSTRUCTION PRODUCTS AND SERVICES  
INDEX

| <u>REFERENCES IN THIS SECTION</u>       | <u>PAGE</u> |
|---|-------------|
| BUILDING PRODUCTS FOR CONSTRUCTION..... | 91          |
| MANUFACTURED HOUSING.....               | 93          |

REFERENCES IN OTHER SECTIONS

|  |        |
|--|--------|
| TOBACCO AND NAVAL STORES.....                                | 17     |
| EQUIPMENT AND MATERIALS USED IN THE WORKPLACE.....           | 171    |
| HOUSEHOLD APPLIANCES.....                                    | 75, 77 |
| SECTION VIII-MINING, DRILLING, AND INDUSTRIAL EQUIPMENT..... | 157    |



|                      |  |
|----------------------|--|
| Products or Services | Building Products for Construction   |
| Department/Agency    | U.S. Department of Housing and Urban Development<br>Federal Housing Administration<br>Manufactured Housing Construction and Regulatory Functions<br>Division, Room 6270<br>451 Seventh Street, SW<br>Washington, D.C. 20410-8000<br>(202) 755-5929         |
| Initiated            | 1965   |
| Compliance           | Voluntary  |
| Authority            | 24 CFR Part 200.935.   |
| Aim                  | To prevent product failures and misrepresentations of products. To expedite introduction of new or innovative building materials. Alleviate safety hazards associated with building materials, long term durability problems, and misleading test results. |
| Benefits             | Better assurance that the building products arriving at the job site comply with the designated standards.   |
| Agency Function      | Program administrator.   |
| Type of Program      | Ongoing validation of private certification of products included under a HUD mortgage insurance program.   |
| Methodology          | Third party certification.<br>Manufacturer's self-certification.   |
| Testing              | Government accredited labs.<br>Third party validating labs.<br>Manufacturer's lab.<br>State/local government labs.<br>Agency accredited labs.  |
| Inspection           | Third party.   |

|  |   |
|--|---|
| Conformity Identification              | Authorized mark or label affixed by manufacturer or third party validator. More than seventy third party validators participate in the HUD Building Products Certification program for building products including: solid fuel type heaters, fireplace stoves, plastic bathtub units, plastic shower receptors and stalls, plastic lavatories, plastic water closet bowls and tanks, aluminum windows, storm doors, sliding glass doors, storm windows, wood window units, wood sliding patio doors, sealed insulating glass units, carpet, carpet with attached cushion, PVC window units, and lumber. |
| Availability of Documentation          | All documentation is published in the Federal Register, 24 CFR Part 200.  |
| Obligations of the Manufacturer/Vendor | Manufacturers are obligated to cease marking products which do not meet required standards.   |
| Enforcement                            | The principal means of enforcement is delisting of manufacturers. Laboratories whose quality control is inadequate may be disapproved. Administrators may be suspended under rules 24 CFR Part 200.935.   |
| Term                                   | All parties may operate indefinitely in these programs. Laboratories are subject to periodic reaccreditation.   |
| Reciprocity                            | Products in these programs enjoy a wide degree of reciprocal recognition, including other federal agencies, state agencies, private sector organizations, foreign governments, and international organization. There are participating organizations in Canada for certain building products.   |
| Standards, Codes, or Regulations       | HUD adopts standards prepared by others, and prepares criteria documents where necessary. Documents defining acceptance are in 24 CFR Part 200.935.   |
| Keywords                               | acceptance criteria; administrators; building products; certification; construction; housing; mortgage insurance; third party validation  |



|                      |   |
|----------------------|---|
| Products or Services | Manufactured Housing  |
| Department/Agency    | U.S. Department of Housing and Urban Development<br>Federal Housing Administration<br>Manufactured Housing Construction Division, Rm. 6270<br>451 Seventh Street, SW<br>Washington, D.C. 20410-8000<br>(202) 755-6590 |
| Initiated            | 1976  |
| Compliance           | Mandatory   |
| Authority            | National Manufactured Housing Construction and Safety Standards Act, P.L. 93-382, 42 USC 5407; 24 CFR Part 3280.  |
| Aim                  | To reduce the number of personal injuries and deaths, cost of insurance, and property damage resulting from manufactured home accidents and to improve the quality and durability of manufactured homes.              |
| Benefits             | Uniform nation-wide certification program has accomplished the stated purposes of the Act and improved interstate commerce in manufactured housing.   |
| Agency Function      | Program administrator.  |
| Type of Program      | Pre-emptive, mandatory, national regulation.  |
| Methodology          | Third party certification of manufactured housing designs and quality assurance manuals, and in-plant inspection to assure compliance with standards.   |
| Testing              | Third party labs.<br>Manufacturer's lab.  |
| Inspection           | Third parties.<br>State government inspection agencies.   |

|   |  |
|---|--|
| Conformity<br>Identification              | Authorized label affixed by manufacturer.<br>Lists of approved third party agencies are issued by HUD.   |
| Availability<br>of Documentation          | Lists are maintained by HUD, HUD's Monitoring Agent, and<br>Approved State Administrative Agencies (SAA's).  |
| Obligations of the<br>Manufacturer/Vendor | Manufacturers and dealers must keep accurate data by unit<br>serial number of each manufactured housing unit so that<br>purchasers can be notified if an imminent safety hazard<br>or serious defect is alleged.   |
| Enforcement                               | Marketing ban on unlabeled homes; notification and<br>correction of defective units; removal of approval of<br>third party inspection agencies for repeated inadequate<br>performance.   |
| Term                                      | Indefinite term.   |
| Reciprocity                               | Other federal agencies.<br>State agencies.   |
| Standards, Codes,<br>or Regulations       | Agency references standards prepared by others and<br>incorporates requirements in the Federal Manufactured<br>Home Construction Safety Standards (24 CFR Part 3280).<br>Enforcement is in accordance with Procedural and<br>Enforcement Regulations (24 CFR Part 3282). |
| Keywords                                  | design approval; housing requirements; inspection;<br>manufactured housing; product safety   |

**SECTION IV**

**ELECTRONIC AND TELECOMMUNICATIONS PRODUCTS AND SERVICES**





**SECTION IV**  
**ELECTRONIC AND TELECOMMUNICATIONS PRODUCTS AND SERVICES**  
**INDEX**

REFERENCES IN THIS SECTION PAGE

|  |     |
|--|-----|
| ELECTRIC AND TELEPHONE SYSTEMS, RURAL.....   | 99  |
| ELECTRICAL AND ELECTRONIC DEVICES THAT GENERATE RADIO FREQUENCY ENERGY....         | 101 |
| ELECTRONIC FUND TRANSFER AUTHENTICATION DEVICES.....                               | 105 |
| ELECTRONIC PRODUCTS - RADIATION PROTECTION.....                                    | 107 |
| INPUT/OUTPUT CHANNEL LEVEL INTERFACES FOR INFORMATION PROCESSING<br>EQUIPMENT..... | 109 |

REFERENCES IN OTHER SECTIONS

|   |     |
|---|-----|
| AUTOMOTIVE DRIVING AIDS AND WHEELCHAIR LIFTS.....   | 151 |
| BUILDING PRODUCTS FOR CONSTRUCTION.....   | 91  |
| ELECTRICAL EQUIPMENT FOR MINES.....   | 167 |
| EQUIPMENT AND MATERIALS USED IN THE WORKPLACE.....  | 171 |
| MEDICAL DEVICES.....  | 149 |
| MILITARY SYSTEMS, PARTS, MATERIALS AND COMPONENTS FOR.....                                    | 115 |
| PARTS, MATERIALS, AND EQUIPMENT FOR GSA PROCUREMENT.....                                      | 117 |
| SYSTEMS USING PRESENCE SENSING DEVICES FOR INITIATING MECHANICAL POWER<br>PRESSES (PSDI)..... | 169 |
| WHEELCHAIRS.....  | 153 |
| SECTION IX-TRANSPORTATION-RELATED PRODUCTS AND SERVICES.....                                  | 173 |



**SECTION IV**  
**ELECTRONIC AND TELECOMMUNICATIONS PRODUCTS AND SERVICES**  
**INDEX**

| <u>REFERENCES IN THIS SECTION</u>  | <u>PAGE</u> |
|--|-------------|
| ELECTRIC AND TELEPHONE SYSTEMS, RURAL.....   | 99          |
| ELECTRICAL AND ELECTRONIC DEVICES THAT GENERATE RADIO FREQUENCY ENERGY....         | 101         |
| ELECTRONIC FUND TRANSFER AUTHENTICATION DEVICES.....                               | 105         |
| ELECTRONIC PRODUCTS - RADIATION PROTECTION.....                                    | 107         |
| INPUT/OUTPUT CHANNEL LEVEL INTERFACES FOR INFORMATION PROCESSING<br>EQUIPMENT..... | 109         |

REFERENCES IN OTHER SECTIONS

|   |     |
|---|-----|
| AUTOMOTIVE DRIVING AIDS AND WHEELCHAIR LIFTS.....   | 151 |
| BUILDING PRODUCTS FOR CONSTRUCTION.....   | 91  |
| ELECTRICAL EQUIPMENT FOR MINES.....   | 167 |
| EQUIPMENT AND MATERIALS USED IN THE WORKPLACE.....  | 171 |
| MEDICAL DEVICES.....  | 149 |
| MILITARY SYSTEMS, PARTS, MATERIALS AND COMPONENTS FOR.....                                    | 115 |
| PARTS, MATERIALS, AND EQUIPMENT FOR GSA PROCUREMENT.....                                      | 117 |
| SYSTEMS USING PRESENCE SENSING DEVICES FOR INITIATING MECHANICAL POWER<br>PRESSES (PSDI)..... | 169 |
| WHEELCHAIRS.....  | 153 |
| SECTION IX-TRANSPORTATION-RELATED PRODUCTS AND SERVICES.....                                  | 173 |





|                      |  |
|----------------------|--|
| Products or Services | Parts, Materials and Equipment for Rural Electric and Telephone Systems  |
| Department/Agency    | U.S. Department of Agriculture<br>Rural Electrification Administration (REA)<br>14th and Independence Ave., SW<br>Washington, D.C. 20250<br><br>Chairman, Technical Standards Committee "A" (Electric)<br>(202) 382-9080<br><br>Chairman, Technical Standards Committee "A" (Telephone)<br>(202) 382-8698  |
| Initiated            | 1938   |
| Compliance           | Mandatory only for designated parties using REA loans.   |
| Authority            | 7 CFR Part 1702.   |
| Aim                  | To minimize capital requirements and control the quality of materials and equipment incorporated into rural electric and telephone systems. The evaluation and listing of material and equipment insures the availability of suitable products at reasonable costs and, together with REA standards for construction and installation, provides an important element of loan security. |
| Agency Function      | Certifier.   |
| Type of Program      | Electric and telephone systems receiving financing administered by REA shall use materials and equipment evaluated and listed by REA.  |
| Methodology          | Government design review and testing.  |
| Testing              | Government labs.<br>Manufacturers' labs.   |

**Conformity  
Identification**

Approved manufacturers and suppliers for rural electric systems are included in REA Bulletin 43-5, "List of Materials Acceptable for Use on Systems of REA Electrification Borrowers." The 1986 issue contains over 185 categories of material and equipment from over 200 manufacturers.

Approved manufacturers and suppliers for rural telephone systems are listed in REA Bulletin 344-2, "List of Materials Acceptable for Use on Telephone Systems of REA Borrowers."

**Availability  
of Documentation**

Bulletins 43-5 and 344-2 are available on a subscription basis from the Superintendent of Documents, Government Printing Office, Washington, D.C. 20402.

**Enforcement**

Delisting.

**Term**

Indefinite term. Bulletin 43-5 is published yearly and supplements are issued quarterly. Bulletin 344-2 is printed every two years followed by eleven supplements.

**Standards, Codes  
or Regulations**

REA prepares product standards which define performance and design requirements together with acceptance criteria.

**Keywords**

acceptable materials; approved product lists; central office equipment; components; distribution; electric systems; electronic; microwave; private branch exchanges; radio-telephone; telecommunications; telephone; transmission;

|                      |  |
|----------------------|--|
| Products or Services | Electrical and Electronic Devices that Generate Radio Frequency Energy   |
| Department/Agency    | Federal Communications Commission (FCC)<br>Authorization and Standards Division<br>Columbia, MD 21045<br>(301) 725-1585  |
| Initiated            | 1940 (Marine equipment was the earliest type approved).  |
| Compliance           | Mandatory  |
| Authority            | Federal Communications Act of 1934 as amended.<br>47 CFR Part 2, Subpart J.  |
| Aim                  | Reduce uncontrolled radio frequency interference first observed in connection with medical diathermy equipment in the 1940's.  |
| Benefits             | Broad decrease in spurious radio frequency energy in the environment in spite of tremendous increases in the types and quantity of devices in general use that have the potential for creating radio frequency interference. |
| Agency Function      | Certifier and program administrator.   |
| Type of Program      | Generally FCC procedures provide for pre-marketing evaluation and/or post-marketing assessment.<br>Authorization procedures reflect the requirements of particular categories of equipment which are summarized here:        |

#### Type Approval

- Applies to some non-licensed devices.
- Testing of sample by FCC prior to issuance of grant is mandated by FCC Rules.
- Grant of authorization is issued by FCC.

#### Type Acceptance



- Applies to some compulsory installed marine safety-of-life equipment, and to transmitting equipment used in many of the radio services under a radio station license issued by the FCC.
- Based on desk review and evaluation of written application and test report submitted by applicant
- Testing of samples at FCC Laboratory is not required by FCC Rules, but FCC has authority to request samples for testing either before or after issuance of grant.
- Grant of authorization is issued by FCC.

#### Certification

- Applies to non-licensed devices, mostly low power radio frequency devices and, in addition, to certain categories of receivers which tune in the band from 30 to 901 MHz and 935 to 940 MHz, personal computers and peripherals, citizen band receivers, and some other kinds of industrial, scientific and medical equipment.
- Based on desk review and evaluation of written application and test report submitted by applicant.
- Testing of samples at FCC Laboratory is not required by FCC Rules, but FCC has authority to request samples for testing either before or after issuance of grant.
- Grant of authorization is issued by FCC.

#### Notification

- Applies to certain categories of receivers which tune in the 30 to 901 MHz or 935 to 940 MHz bands (including cordless telephone receivers) in addition to certain licensed transmitters and associated devices employed mostly in fixed point to point microwave and broadcast services. The Commission will add equipment to this category as it determines that additions are warranted.
- Manufacturer submits brief application for authorization of device. Application is not required to include test data.
- FCC may sample device or review the manufacturer's test data before or after issuance of grant.
- Grant of authorization is issued by FCC.



### Verification

- Applies to all computing devices except personal computers, personal peripherals and exempt computing devices (Section 15.801 (e)); also applies to FM broadcast and television broadcast receivers, in addition, certain categories of industrial, scientific and medical devices and ship earth stations.
- Manufacturer tests device prior to marketing for compliance with applicable FCC regulations and retains test data.
- No filing with FCC is required. However, manufacturer's test data may be required by FCC for subsequent review.
- FCC may sample devices, at its option
- No grant of authorization is issued by FCC.

### Registration

- Applies to subscriber owned and common carrier owned telephone devices interconnected to the public telephone network. Objective of registration is to assure that device will not cause "harm" (as defined in FCC Rules) to telephone network. Radio frequency devices which connect to the public telephone network may be subject to registration as well as to one or more of the other procedures.
- Based on desk review and evaluation of written application and test report submitted by applicant. Administrative review is done by FCC Laboratory. Other aspects of application are handled by FCC Common Carrier Bureau, including issuance of grant.
- Grant of authorization is issued by FCC.
- Subpart L or Part 2 and Part 68 of FCC Rules provides further information on this procedure.

### **Methodology**

#### Program uses:

- Government lab for testing, inspection and audit.
- manufacturer and third party labs.
- Government recognition of private labs.

### **Testing**

#### Testing may be performed by:

- FCC laboratory.
- Manufacturer's laboratory.
- Third party laboratory.

|  |   |
|--|---|
| Inspection                             | Agency accredits independent labs, but does not inspect production facilities.  |
| Conformity Identification              | Agency maintains lists of producers of approved products, but lists are not published.<br>Producers are licensed to apply approval markings in accord with regulations.   |
| Availability of Documentation          | Above lists must be requested from FCC through Freedom of Information procedures.   |
| Obligations of the Manufacturer/Vendor | Maintain design of approved equipment. Explain maintenance requirements to users.   |
| Enforcement                            | Marketing ban.  |
| Term                                   | Indefinite term.  |
| Reciprocity                            | None. Test data from counterpart agencies is taken into consideration, but no reduction of test requirements is provided.<br><br>Radio frequency devices must have the required form of equipment authorization before being imported into the United States and must be accompanied by a properly executed copy of FCC Form 740.<br><br>There are some specified exceptions to this requirement as given in Part 2 of the FCC Rules, Sections 2.806, 2.809, 2.811 and 2.813. Also, there are a few categories of devices which are not subject to technical standards in the FCC Rules. These devices must meet the applicable standards before importation. |
| Standards, Codes, or Regulations       | Criteria promulgated by FCC; private sector standards are considered in preparing rules.  |
| Keywords                               | broadcast equipment; cable TV equipment; certification; communications equipment; computer peripherals; computers; medical electronics; radio frequency energy; transmitters; TV equipment; type approval   |

|                      |  |
|----------------------|--|
| Products or Services | Electronic Fund Transfer Authentication Devices  |
| Department/Agency    | U.S. Department of the Treasury<br>Deputy Assistant Secretary for Departmental Information Systems<br>1500 Pennsylvania Ave., NW<br>Washington, D.C. 20220<br>(202) 566-5847   |
| Initiated            | 1984   |
| Compliance           | Mandatory for all Government bureaus that receive or send funds or securities electronically through the U.S. Treasury.  |
| Authority            | Treasury Order 16-02.  |
| Aim                  | To assure that equipment which authenticates electronic fund transfers complies with designated standards to minimize exploitation of Electronic Fund Transfer (EFT) Systems.  |
| Benefits             | It is a major milestone toward unifying the protection and audit of the billions of dollars transferred electronically every day.  |
| Agency Function      | Program administrator and certifier.<br>Evaluation for compliance with Treasury standard conducted by the National Bureau of Standards (NBS), Institute for Computer Sciences and Technology (ICST).<br>Security evaluation guidance provided by the National Security Agency (NSA). |
| Type of Program      | Pre-marketing evaluation.<br>Assessment prior to government purchase.  |
| Methodology          | Testing by NBS and NSA.  |
| Testing              | Testing by NBS and NSA.  |
| Inspection           | Treasury.  |



|                                    |  |
|------------------------------------|--|
| Conformity Identification          | A list of certified equipment and software is maintained by the Department of the Treasury.  |
| Availability of Documentation      | List and other technical documentation is available from the Deputy Assistant Secretary for Departmental Information Systems, Department of the Treasury.                                      |
| Obligations of Manufacturer/Vendor | To comply with criteria.   |
| Enforcement                        | Delisting.   |
| Term                               | Indefinite term.   |
| Reciprocity                        | No reciprocal agreements.  |
| Standards, Codes, or Regulations   | Federal Information Processing Standard (FIPS) 46, FIPS 113, Federal Standard 1027, ANSI X9.9 and X 9.17. Criteria documents are coordinated by Treasury.                                      |
| Keywords                           | authentication devices; communications security; computer security; cryptology; EFT; electronic fund transfer; encryption standard; financial institutions; interface requirements; validation |



|                           |  |
|---------------------------|--|
| Products or Services      | Electronic Products for Radiation Protection   |
| Department/Agency         | U.S. Department of Health and Human Services<br>Food and Drug Administration (FDA)<br>Center for Devices and Radiological Health<br>Office of Compliance<br>Radiological Products Division<br>8757 Georgia Ave.<br>Silver Spring, MD 20910<br>(301) 427-7175 |
| Initiated                 | 1968   |
| Compliance                | Mandatory  |
| Authority                 | Radiation Control for Health and Safety Act, 42 USC 2636;<br>21 CFR 1000-1050.   |
| Aim                       | To protect the public from unnecessary exposure to radiation from electronic products.   |
| Benefits                  | Through enforcement, as well as product improvement and user education, public exposure to ionizing and non-ionizing radiation has been reduced significantly.   |
| Agency Function           | Program administrator.   |
| Type of Program           | Pre-marketing evaluation.  |
| Methodology               | Manufacturer self certification.   |
| Testing                   | Manufacturer's lab.<br>Third party lab.<br>Government lab.   |
| Inspection                | Government.  |
| Conformity Identification | Manufacturer applied label.  |

|   |   |
|---|---|
| Availability<br>of Documentation          | No lists are published or maintained in this program.   |
| Obligations of the<br>Manufacturer/Vendor | Manufacturers must keep production and distribution records; notify buyers of nonconforming equipment and recall such equipment for repair.                         |
| Enforcement                               | Marketing ban.  |
| Term                                      | Certification applies for the life of each distinctive model.   |
| Reciprocity                               | No known reciprocity.   |
| Standards, Codes<br>or Regulations        | Agency sets criteria and publishes performance standards.   |
| Keywords                                  | electronic radiation; lasers; mercury vapor lamps; microwave ovens; product labeling; sunlamps; television receivers; ultrasonic therapy equipment; x-ray equipment |

|                      |  |
|----------------------|--|
| Products or Services | Input/Output Channel Level Interfaces for Information Processing Equipment   |
| Department/Agency    | U.S. Department of Commerce<br>National Bureau of Standards (NBS)<br>Institute for Computer Sciences and Technology<br>Advanced Systems Division<br>Technology Bldg., Room A216<br>Gaithersburg, MD 20899<br>(301) 975-2904  |
| Initiated            | 1979   |
| Compliance           | Mandatory for applicable information processing equipment to be purchased by federal agencies.   |
| Authority            | 15 CFR Part 200.   |
| Aim                  | To verify the ability of information processing equipment from one manufacturer to function successfully with equipment of other manufacturers.  |
| Benefits             | Federal agencies are able to purchase information processing equipment that has the necessary level of compatibility. This enables systems to be assembled or expanded more readily and with considerably less time for troubleshooting. This program also enables all suppliers to compete on an equitable basis. |
| Agency Function      | Certifier and program administrator.   |
| Type of Program      | Verification of compliance prior to consideration for purchase by the federal government.  |
| Methodology          | NBS verification of compliance to specified standards by review of documentation, or demonstrated use with verified equipment.   |
| Testing              | Any testing is ordinarily accomplished by the manufacturer to fulfill requirements of the applicable standards or the NBS Verification Checklist.  |

|   |   |
|---|---|
| Inspection                                | By purchasing agency.   |
| Conformity<br>Identification              | <p>A verification certificate is issued for equipment having no significant deviation from the applicable standard.</p> <p>A Verification List of equipment conforming to standards is published and maintained by NBS.</p>   |
| Availability<br>of Documentation          | Verification List and Checklist are available from the NBS. Applicable standards are available through the National Technical Information Service, Springfield, VA 22161.   |
| Obligations of the<br>Manufacturer/Vendor | Suppliers desiring a verification review must make a request to NBS, identify the make and model, provide required documentation, and reimburse the agency for cost incurred.   |
| Enforcement                               | Delisting.  |
| Term                                      | Indefinite.   |
| Reciprocity                               | Some states have used the Verification List in their procurement process.   |
| Standards, Codes<br>or Regulations        | Federal Information Processing Standards Publications (FIPS PUBs) 60-1, I/O Channel Interface; 61, Channel Level Power Control Interface; 62, Operational Specifications for Magnetic Tape Subsystems; 63, Operational Specifications for Rotating Mass Storage Subsystems. |
| Keywords                                  | ADP; computer systems; data processing; I/O; verification   |



**SECTION V**  
**GOVERNMENT PROCUREMENTS**



SECTION V  
GOVERNMENT PROCUREMENTS  
INDEX

| <u>REFERENCES IN THIS SECTION</u>   | <u>PAGE</u> |
|---|-------------|
| MILITARY SYSTEMS, PARTS, MATERIALS AND COMPONENTS FOR.....                      | 115         |
| PARTS, MATERIALS, AND EQUIPMENT FOR GSA PROCUREMENT.....                        | 117         |
| <br><u>REFERENCES IN OTHER SECTIONS</u>   |             |
| BUILDING PRODUCTS FOR CONSTRUCTION.....   | 91          |
| ELECTRIC AND TELEPHONE SYSTEMS, RURAL.....                                      | 99          |
| EQUIPMENT AND MATERIALS USED IN THE WORKPLACE.....                              | 171         |
| INPUT/OUTPUT CHANNEL LEVEL INTERFACES FOR INFORMATION PROCESSING EQUIPMENT..... | 109         |
| SECTION VI-TESTING, MEASUREMENT AND LABORATORY SERVICES.....                    | 119         |
| SECTION VII-MEDICAL PRODUCTS AND SERVICES.....                                  | 137         |
| AUTOMOTIVE DRIVING AIDS AND WHEEL CHAIR LIFTS.....                              | 151         |
| WHEELCHAIRS.....  | 153         |





|                             |  |
|-----------------------------|--|
| <b>Products or Services</b> | Parts, Materials, and Equipment  |
| <b>Department/Agency</b>    | General Services Administration (GSA)<br>Federal Supply Service (FSS)<br>Office of Quality and Contract Administration<br>Quality Assurance Division<br>Room 1122, Crystal Mall Bldg.4, Jefferson Davis Highway<br>Arlington, VA<br>Mailing Address: Washington, D.C. 20406<br>(703) 557-8515  |
| <b>Initiated</b>            | 1944   |
| <b>Compliance</b>           | Mandatory for those products defined by Federal Specifications which have been designated for the Qualified Products List (QPL) certification program because conformance demonstration at each procurement would necessitate extensive testing.   |
| <b>Aim</b>                  | As a means of expediting contract awards and deliveries of designated products, manufacturers are required to have these products pre-tested to determine if the products conform to all specified requirements. Subsequently, assurance that proper quality is being maintained is achieved by normal acceptance inspection of selected samples of a shipment, rather than a detailed lot inspection.                       |
| <b>Benefits</b>             | The availability of products known to be qualified reduces the cost and time to select products for inclusion in equipment and systems that must perform reliably. Helps control purchase lead times and increases the quality of equipment using these products. The majority of these QPL's are for adhesives, paint, safety equipment, and security office equipment - safes, vault doors, filing cabinets, and padlocks. |
| <b>Agency Function</b>      | Program administrator.   |
| <b>Type of Program</b>      | Pretesting prior to government purchase.   |

|  |   |
|--|---|
| Testing                                | Government or private laboratories, including the manufacturer's lab, may be used if acceptable to the GSA and the designated preparing activity. Labs are not formally accredited by GSA.  |
| Inspection                             | Follow-up inspection is not an integral part of this program. Listing on a QPL does not waive requirements for either in-process or other inspection by the manufacturer, or inspection by the buyer.   |
| Conformity Identification              | Listing on QPL's.   |
| Availability of Documentation          | Federal QPL's and specifications are distributed by GSA Business Service Centers.   |
| Obligations of the Manufacturer/Vendor | Manufacturers and distributors must supply test samples, ordinarily bear the cost of testing, maintain quality and notify of design changes. Reference may be made to listing of QPL's in advertising and related publicity, provided there is no claim or implication of government preference or endorsement, or that the product is the only one of its type that has passed the prescribed tests. |
| Term                                   | Indefinite for most products; certain products may require retesting at periodic intervals.   |
| Reciprocity                            | Federal and state agencies recognize and use federal QPL's. There are no bilateral or multilateral arrangements with other countries.   |
| Standards, Codes, or Regulations       | Program is based on qualification requirements specified in federal specifications.   |
| Keywords                               | government procurement; procurement; QPL; quality control; testing  |

|                      |   |
|----------------------|---|
| Products or Services | Parts, Materials and Components Used in Military Systems  |
| Department/Agency    | U.S. Department of Defense<br>Director of Standardization and Data Management<br>The Pentagon, Room 2A-318<br>Washington, D.C. 20301<br>(202) 695-0121  |
| Initiated            | 1949  |
| Compliance           | Mandatory for those products defined by procurement specifications and having qualifications requirements. Equipment supplied to the Department of Defense may not contain products from other than qualified sources for those commodities for which Qualified Products Lists (QPL's) have been developed. |
| Authority            | Federal Acquisition Regulations, General Provisions, Part 9.<br>Defense Standardization Manual, DOD 4120, 3-M.<br>Defense Standardization Document SD-6.  |
| Aim                  | Maintain a high level of quality for critical products through pre-procurement evaluation of prospective vendors.   |
| Benefits             | The QPL Program normalizes the selection of possible vendors in several hundred critical technical commodities which are sufficiently standardized to permit a stringent, common, advanced assessment of supplier capability.   |
| Agency Function      | Program administrator.  |
| Methodology          | Pretesting prior to purchase by government or its contractors.  |
| Testing              | Any type of laboratory acceptable to DOD sponsoring activity may be used; labs are not formally accredited by DOD.  |



|  |  |
|--|--|
| Inspection                             | Periodic follow-up inspection. Plant visits are part of the overall management of the program. Listing on a QPL does not waive the requirements for in-process or other inspection by the manufacturer or receiving inspection by the buyer.   |
| Conformity Identification              | Listing on Qualified Product Lists (QPL's). Authorized designation (JAN Mark) may be applied by manufacturer/distributor to qualified semiconductors, microelectronic, and products with established reliability.  |
| Availability of Documentation          | DOD specifications and QPL's are distributed by:<br><br>Naval Publications and Forms Center<br>5801 Taylor Avenue<br>Philadelphia, PA 19120  |
| Obligations of the Manufacturer/Vendor | Manufacturer/distributor must supply test samples, ordinarily bear the cost of testing, maintain quality, notify of design or process changes, and mark only approved types. Advertising and publicity may refer to listing on QPL's provided there is no claim or implication of government preference or endorsement or that the product is the only one of its type that has passed the prescribed tests. |
| Enforcement                            | Delisting.   |
| Term                                   | Validated every two years; most critical components require retesting at periodic intervals.   |
| Reciprocity                            | There is limited reciprocity with counterpart agencies in Canada, Australia, and Ireland as well as specific procedures for products complying with QPL's of NATO.   |
| Standards, Codes or Regulations        | Program is based on qualification requirements specified in Military Specifications.   |
| Keywords                               | government procurement; military; military specifications; military systems; procurement; QPL; qualification; quality control; testing   |



**SECTION VI**

**TESTING, MEASUREMENT, AND LABORATORY SERVICES**



SECTION VI  
TESTING, MEASUREMENT, AND LABORATORY SERVICES  
INDEX

| <u>REFERENCES IN THIS SECTION</u>   | <u>PAGE</u> |
|---|-------------|
| LABORATORY ACCREDITATION.....   | 123         |
| LABORATORY ACCREDITATION FOR MEAT/POULTRY/FOOD PRODUCTS.....                                | 125         |
| LABORATORY CERTIFICATION FOR THE ANALYSIS OF WINES AND DISTILLED SPIRITS<br>FOR EXPORT..... | 127         |
| MEASUREMENT CALIBRATION SERVICES.....   | 129         |
| SCALE TESTING AND CERTIFICATION-GRAIN.....  | 131         |
| WEIGHING AND MEASURING DEVICES, COMMERCIAL.....   | 135         |
| <br><u>REFERENCES IN OTHER SECTIONS</u>   |             |
| ELECTRICAL AND ELECTRONIC DEVICES THAT GENERATE RADIO FREQUENCY ENERGY....                  | 101         |
| ELECTRONIC PRODUCTS - RADIATION PROTECTION.....   | 107         |
| EQUIPMENT AND MATERIALS USED IN THE WORKPLACE.....  | 171         |
| SECTION VII-MEDICAL PRODUCTS AND SERVICES.....  | 137         |
| INDEPENDENT LABORATORIES.....   | 141         |
| INTERSTATE LICENSED LABORATORIES.....   | 141         |
| LABORATORY TESTING PROCEDURES IN VA MEDICAL CENTERS.....                                    | 155         |





|                      |   |
|----------------------|---|
| Products or Services | Laboratory Accreditation  |
| Department/Agency    | U.S. Department of Commerce<br>National Bureau of Standards (NBS)<br>National Voluntary Laboratory Accreditation Program (NVLAP)<br>Administration Bldg., Room A531<br>Gaithersburg, MD 20899<br>(301) 975-4016   |
| Initiated            | 1976  |
| Compliance           | Voluntary   |
| Authority            | Section 2, Stat. 1449 as amended (15 USC 272); Reorg. Plan No. 3 of 1946, Part VI; 15 CFR Part 7.   |
| Aim                  | To accredit laboratories found competent to perform specific tests or types of tests.   |
| Benefits             | Provides a national recognition for competent laboratories; helps regulatory and procurement agencies to identify competent laboratories; fosters international acceptance of test data produced in U.S. laboratories; provides laboratory management with a quality assurance check of their performance; and provides laboratories with guidance from technical experts to aid in reaching a higher level of performance. |
| Agency Function      | Accreditor.   |
| Type of Program      | Laboratory accreditation.   |
| Methodology          | Technical requirements, including test methods, standards and the products or services to be covered, are established for each laboratory accreditation program. Laboratories may then request that their performance be assessed by NVLAP against these requirements.  |
| Testing              | Government.   |
| Inspection           | Government.   |

|   |  |
|---|--|
| Conformity<br>Identification              | A certificate of accreditation is provided to the laboratory. Directories of accredited laboratories are published annually.   |
| Availability<br>of Documentation          | General requirements are set forth in 15 CFR Part 7. Requirements for specific laboratory accreditation programs are available from NVLAP.   |
| Obligations of the<br>Manufacturer/Vendor | Laboratories are obligated to maintain adequate quality control programs and to abide by the terms of its accreditation.   |
| Enforcement                               | Suspension or revocation of accreditation.   |
| Term                                      | Certificates of Accreditation are valid for one year.  |
| Reciprocity                               | NBS accreditation of a laboratory is recognized by many federal and state agencies, as well as some foreign government bodies.   |
| Standards, Codes<br>or Regulations        | General requirements are set forth in 15 CFR Part 7. Specific requirements for each laboratory accreditation program are established by NBS in conjunction with technical experts from the federal, state and local levels; academia; and from industry. |
| Keywords                                  | accreditation; laboratories; NVLAP; quality control; test methods; testing   |

|                           |  |
|---------------------------|--|
| Products or Services      | Meat/Poultry/Food Products<br>(Accreditation of laboratories)  |
| Department/Agency         | U.S. Department of Agriculture<br>Food Safety and Inspection Service (FSIS)<br>Science, Chemistry Division<br>Room 302 Annex<br>Washington, D.C. 20250<br>(202) 447-7723   |
| Initiated                 | 1962, Final Rule 9 CFR Parts 318 and 381, 1/20/87.   |
| Compliance                | Voluntary  |
| Authority                 | 9 CFR Parts 318 and 381.   |
| Aim                       | This program allows the acceptance of official sample results from accredited laboratories which service the meat and poultry food industry and provides faster service than can be provided by FSIS laboratories. |
| Benefits                  | Provides faster analytical service to the meat and poultry food industry. This allows for a better inspection program.   |
| Agency Function           | Accreditor and program administrator.  |
| Type of Program           | Pre-marketing evaluation.  |
| Methodology               | Government accreditation; on-site laboratory review; proficiency samples and ongoing split samples that serve as a continuing check on the laboratory's analytical capability.                                     |
| Testing                   | Government accredited labs.  |
| Inspection                | Government.  |
| Conformity Identification | Government applied mark.   |

|   |  |
|---|--|
| Availability<br>of Documentation          | The lists of USDA-FSIS accredited laboratories are published in the "Meat and Poultry Inspection Directory."   |
| Obligations of the<br>Manufacturer/Vendor | Accredited laboratories must continue to operate under the Accredited Laboratory Rules as documented under 9 CFR Parts 318.21 and 381.153.   |
| Enforcement                               | Delisting.   |
| Term                                      | Indefinite term.   |
| Reciprocity                               | Recognition of Accreditation by:<br>State agencies.<br>Private sector organizations.   |
| Standards, Codes<br>or Regulations        | 9 CFR Parts 318.21 and 381.153.  |
| Keywords                                  | accredited/laboratory coordinator; initial accreditation sample check; laboratory accreditation; laboratory; meat testing; official sample; ongoing accreditation check sample; poultry testing; probation; split sample |



|                           |  |
|---------------------------|--|
| Products or Services      | Certification of U.S. Laboratories for the Analysis of Wines and Distilled Spirits for Export  |
| Department/Agency         | U.S. Department of the Treasury<br>Bureau of Alcohol, Tobacco and Firearms<br>Office of Laboratory Services<br>1401 Research Boulevard<br>Rockville, MD 20850<br>(301) 294-0410<br>Telex: 710-822-9229 ATF HQ WSH            |
| Initiated                 | Distilled spirits beverages: 1969<br>Wines: 1973   |
| Compliance                | Mandatory only for laboratories wishing to be certified by the Bureau of Alcohol, Tobacco and Firearms.  |
| Authority                 | Internal Revenue Procedure 69-22 (Distilled Spirits).<br>ATF Procedure 86-3 (Wines).   |
| Aim                       | To meet the requirements of certain countries which require that U.S. wines and/or distilled spirits beverages exported to those countries be accompanied by a chemical analysis performed by a laboratory certified by ATF. |
| Benefits                  | Enables U.S. industry to comply with foreign government requirements.  |
| Agency Function           | Program administrator and certifier.   |
| Type of Program           | Pre-certification evaluation.  |
| Methodology               | Government review of applicant's qualifications.   |
| Testing                   | ATF certifies laboratories qualified for the analysis of wines and distilled spirits beverages.  |
| Inspection                | Government inspection.   |
| Conformity Identification | A list of certified laboratories.  |

|                                       |  |
|---------------------------------------|--|
| Availability<br>of Documentation      | The list of laboratories certified by ATF are available and may obtained at the address indicated above.   |
| Obligations of<br>Manufacturer/Vendor | Exporters of U.S. wines and distilled spirits beverages obligated to use the services of laboratories certified by ATF, but only if the importing country so requires. |
| Enforcement                           | Delisting.   |
| Term                                  | Retesting after 4 years.   |
| Reciprocity                           | No reciprocal agreements.  |
| Standards, Codes,<br>or Regulations   | Internal Revenue Procedure 69-22 (Distilled Spirits).<br>ATF Procedure 86-3 (Wines).<br>ATF prepares criteria documentation.   |
| Keywords                              | alcohol; ATF certified laboratory; beverages; chemical analyses; distilled spirits; laboratory accreditation; wines  |

|                      |   |
|----------------------|---|
| Products or Services | Measurement Calibration Services  |
| Department/Agency    | U.S. Department of Commerce<br>National Bureau of Standards (NBS)<br>Office of Weights and Measures<br>Administration Bldg., Room A617<br>Gaithersburg, MD 20899<br>(301) 975-4004  |
| Initiated            | 1965  |
| Compliance           | Voluntary   |
| Authority            | NBS Organic Act (P.L. 81-619).  |
| Aim                  | Provide certification of state measurement laboratories capabilities to calibrate standards and equipment for measuring mass, length, volume, temperature, and frequency-based devices.   |
| Benefits             | Provides basis for uniform requirements and consistent results in metrological calibration and tolerance testing among states.  |
| Agency Function      | Program administrator.  |
| Type of Program      | A joint on-going activity between federal and state governments to: (1) maintain traceability to national standards; and (2) evaluate, up-grade, and train measurement technicians in official state weights and measures laboratories. |
| Methodology          | Inspection and site approval of new laboratory facilities. Installation and maintenance of measurement control programs. Program requirements in NBS Handbook 143. Technical standards in NBS Handbook 145.                             |
| Testing              | All services within this program are performed by state laboratories accredited by NBS.   |



|   |  |
|---|--|
| Inspection                                | Government.  |
| Conformity<br>Identification              | State laboratories receive certificates of accreditation and are identified in a list, NBS SP 686. Instruments and standards certified by state laboratories may be identified by a state government-applied mark.   |
| Availability<br>of Documentation          | NBS SP 686, NBS Handbook 143, and NBS Handbook 145 are available from NBS.   |
| Obligations of the<br>Manufacturer/Vendor | State laboratories are obligated to participate in external control programs based on geographical regions which include controlled sample testing, round robin experiments, and continuing education for technicians.   |
| Enforcement                               | NBS exercises influence over state laboratories through provision of traceability to NBS standards, provision of training and by sponsoring the Regional Measurement Management Programs. State programs may ban the use of uncalibrated measurement equipment in their regulatory programs. |
| Term                                      | Indefinite term. NBS Certificates of Accreditation are valid for up to 3 years.  |
| Reciprocity                               | NBS certification of a state laboratory carries recognition within that state and among states and recognition by federal government agencies and private organizations.   |
| Standards, Codes<br>or Regulations        | Criteria documents are developed by NBS. See NBS Handbook 143 available from NBS.  |
| Keywords                                  | frequency; length; mass; measurement instruments; quality control; state laboratories; temperature; volume   |



|                      |  |
|----------------------|--|
| Products or Services | Grain Scale Testing and Certification  |
| Department/Agency    | U.S. Department of Agriculture<br>Federal Grain Inspection Service (FGIS)<br>Field Management Division, Room 1641-S<br>P. O. Box 96454<br>Washington, D.C. 20090-6454<br>Telephone: (202) 382-0262<br>Telex: 760 7351 ANS:FGIS UC.<br>FAX: (202) 447-4628  |
| Initiated            | 1976   |
| Compliance           | Mandatory only for official certification of grain weight.   |
| Authority            | U.S. Grain Standards Act, as amended.  |
| Aim                  | <p>Provide for the certification of grain weight and the testing and certification of the weighing systems used for official grain weighing and inspection. FGIS and delegated states must test all grain scales at facilities which have requested official weight certification.</p> <p>FGIS conducts evaluations of automatic bulk weighing systems and vehicle, railway track, and grain inspection scales to determine compliance with FGIS regulations and the applicable National Type Evaluation Program (NTEP) type evaluation examination criteria and test procedures as adopted by the National Conference on Weights and Measures (NCWM). Only those scales that have been approved, and Class II, III, IIIL scales that have been evaluated by FGIS or the National Bureau of Standards (NBS) and approved under the NTEP may be used for official weighing and inspection purposes.</p> |
| Benefits             | Ensure the accuracy of weighing systems used to officially weigh grain and provide uniformity in the inspection and testing of weighing devices used for that purpose.   |
| Agency Function      | Certifier, regulator, and program administrator.   |
| Type of Program      | Pre-performance evaluation.<br>Post-performance assessment.<br>Assessment prior to government purchase.  |

|   |   |
|---|---|
| Methodology                               | Government design approval, performance testing, inspection, and site approval.   |
| Testing                                   | FGIS laboratory.<br>Government laboratory.<br>Manufacturer's laboratory.<br>State laboratory.   |
| Inspection                                | FGIS or state government.   |
| Conformity<br>Identification              | NTEP Certificate of Conformance (CC).<br>FGIS CC.<br>FGIS Report of Test (ROT).<br>NBS ROT.<br>Government applied approval seal.  |
| Availability<br>of Documentation          | List of approved equipment may be obtained from:<br><br>U.S. Department of Agriculture<br>Federal Grain Inspection Service (FGIS)<br>Equipment Branch<br>Room 0623-South Building<br>P. O. Box 96454<br>Washington, D.C. 20090-6454<br><br>Index of NTEP device evaluations and NTEP criteria and test procedures may be obtained from :<br><br>NCWM/OWM<br>National Bureau of Standards<br>Administration Building Room A617<br>Gaithersburg, MD 20899 |
| Obligations of the<br>Manufacturer/Vendor | Must provide instruments under the CC exactly as specified and provide installation, maintenance, and operating instructions consistent with the evaluation report. Modifications affecting accuracy, reliability or integrity must be approved by the FGIS Equipment Branch before implementation.   |
| Term                                      | Continuous or intermittent, mandatory or voluntary inspection on a scale.   |

**Reciprocity**

Certificates are required by federal agencies, state agencies, private sector organizations, foreign governments, and international organizations buying and selling grain.

**Standards, Codes  
or Regulations**

U.S. Grain Standards Act, as amended, and the regulations thereunder; FGIS Equipment Handbook; FGIS Weighing Handbook; NBS Handbook 44; and NTEP device evaluation criteria.

**Keywords**

automatic bulkweighing systems; grain test; NTEP; railway track; ROT; scale; state weights and measures officials





|                           |  |
|---------------------------|--|
| Products or Services      | Evaluation of Commercial Weighing and Measuring Instruments  |
| Department/Agency         | U.S. Department of Commerce<br>National Bureau of Standards (NBS)<br>Office of Weights and Measures<br>Administration Bldg., Room A617<br>Gaithersburg, MD 20899<br>(301) 975-4004 |
| Initiated                 | 1984   |
| Compliance                | Voluntary  |
| Authority                 | Resolution of the National Conference on Weights and Measures (NCWM) and NBS Organic Act (P.L. 81-619).  |
| Aim                       | Provide an evaluation service for producers of specified kinds of weighing and measuring instruments used in commercial trade prior to acceptance for sale or use within the U.S.  |
| Benefits                  | Provides a uniform means of evaluating the performance of specific devices/systems for conformance to legal requirements.  |
| Agency Function           | Certifier and program administrator.   |
| Type of Program           | Pre-marketing evaluation.  |
| Methodology               | NBS provides performance evaluation and testing either directly or jointly with an NBS authorized laboratory.  |
| Testing                   | Government approved labs.<br>(Authorized laboratory indicated above is most likely to be an authorized state measurement laboratory).  |
| Inspection                | NBS or state government.   |
| Conformity Identification | Certificates of Conformance issued to manufacturer.<br>List of qualified manufacturers.  |

|   |   |
|---|---|
| Availability<br>of Documentation          | List published by NBS.  |
| Obligations of the<br>Manufacturer/Vendor | Manufacturers must mark instruments marketed under the Certificate of Conformance exactly as specified and provide installation, maintenance, and operating instructions consistent with the evaluation report. |
| Enforcement                               | Delisting. States may require Certificate of Conformance before allowing device to be marketed in the state.  |
| Term                                      | Certificate is valid as long as the type and model of instrument is produced consistent with the evaluation report.   |
| Reciprocity                               | Other federal agencies and state agencies. This program is the U.S. basis for recognition of approved measuring instruments within an international system currently being established.                         |
| Standards, Codes<br>or Regulations        | NCWM prepares acceptance criteria, taking advice from NBS, device manufacturers and participating laboratories and international organizations. The NCWM adopts these criteria by consensus vote.               |
| Keywords                                  | commercial measuring devices; legal metrology; measurement instruments; production control; prototype; state laboratories; type evaluation; weighing instruments  |

**SECTION VII**  
**MEDICAL PRODUCTS AND SERVICES**





SECTION VII  
MEDICAL PRODUCTS AND SERVICES  
INDEX

| <u>REFERENCES IN THIS SECTION</u>                                    | <u>PAGE</u> |
|--|-------------|
| AMBULATORY SURGICAL CENTERS (ASC).....                               | 141         |
| AUTOMOTIVE DRIVING AIDS AND WHEELCHAIR LIFTS.....                    | 151         |
| DRUGS CONTAINING INSULIN.....  | 145         |
| DRUGS FOR HUMAN USE.....   | 147         |
| HEALTH CARE PROVIDERS AND SUPPLIERS.....                             | 141         |
| HOME HEALTH AGENCIES (HHA).....                                      | 141         |
| HOSPICES.....  | 141         |
| HOSPITALS.....   | 141         |
| INTERMEDIATE CARE FACILITIES (ICF).....                              | 141         |
| INTERMEDIATE CARE FACILITIES FOR THE MENTALLY RETARDED (ICF/MR)..... | 141         |
| LABORATORY PROCEDURES, VA MEDICAL CENTERS.....                       | 155         |
| LABORATORIES, INDEPENDENT.....                                       | 141         |
| LABORATORIES, INTERSTATE LICENSED.....                               | 141         |
| MEDICAL DEVICES.....   | 149         |
| NURSING FACILITIES, SKILLED (SNF).....                               | 141         |
| PHYSICAL THERAPY, OUTPATIENT (OPT).....                              | 141         |
| PHYSICAL THERAPISTS IN INDEPENDENT PRACTICE (PTIP).....              | 141         |
| REHABILITATION FACILITIES.....                                       | 141         |
| RENAL DISEASE FACILITIES, END STAGE (ESRD).....                      | 141         |
| RURAL HEALTH CLINICS (RHC).....                                      | 141         |
| SPEECH PATHOLOGY SERVICES, OUTPATIENT (OSP).....                     | 141         |
| WHEELCHAIRS.....   | 153         |
| X-RAY SERVICES, PORTABLE.....  | 141         |

REFERENCES IN OTHER SECTIONS

|  |     |
|--|-----|
| ELECTRICAL AND ELECTRONIC DEVICES THAT GENERATE RADIO FREQUENCY ENERGY.... | 101 |
| ELECTRONIC PRODUCTS - RADIATION PROTECTION.....                            | 107 |
| EQUIPMENT AND MATERIALS USED IN THE WORKPLACE.....                         | 171 |
| SECTION VI-TESTING, MEASUREMENT, AND LABORATORY SERVICES.....              | 119 |
| LABORATORY ACCREDITATION.....  | 123 |
| MEASUREMENT CALIBRATION SERVICES.....                                      | 129 |
| VETERINARY FOODS AND DRUGS.....  | 63  |



|                      |   |
|----------------------|---|
| Products or Services | Health Care Providers and Suppliers: Hospitals, Psychiatric Hospitals, Hospices, Skilled Nursing Facilities (SNF), Intermediate Care Facilities (ICF), Intermediate Care Facilities for the Mentally Retarded (ICF/MR), Home Health Agencies (HHA), Ambulatory Surgical Centers (ASC), Rural Health Clinics (RHC), End Stage Renal Disease Facilities (ESRD), Outpatient Physical Therapy or Speech Pathology Services (OPT/OSP), Physical Therapists in Independent Practice (PTIP), Comprehensive Outpatient Rehabilitation Facilities (CORF), Independent Laboratories, Interstate Licensed Laboratories, Portable X-Ray Services. |
| Department/Agency    | U.S. Department of Health and Human Services (DHHS)<br>Health Care Financing Administration (HCFA)<br>Health Standards and Quality Bureau<br>Office of Survey and Certification<br>6325 Security Boulevard<br>Baltimore, MD 21207<br>(301) 934-5547 (FTS)   |
| Initiated            | 1966  |
| Compliance           | Voluntary for Medicare Certification.<br>Mandatory licensure for laboratories performing work in interstate commerce.   |
| Authority            | Social Security Act, P.L. 92-603.<br><br>Clinical Laboratories Improvement Act of 1967 (CLIA), P.L. 90-174.<br><br>42 CFR Part 416 (ASC), Part 418 (Hospices), Part 442 (ICF, ICF/MR), Part 481 (RHC), Part 482 (Hospitals), Part 488 (CORF), Part 405 (remaining facilities).<br><br>42 CFR Part 74 (Interstate (CLIA) licensed laboratories).   |
| Aim                  | To establish minimum health and safety standards which must be met by providers and suppliers participating in the Medicare and Medicaid programs.  |
| Benefits             | Improved quality of health care for Medicare/Medicaid beneficiaries.  |



|  |   |
|--|---|
| Agency Function                        | Certifies facilities for Medicare reimbursement, licenses laboratories under CLIA, administers programs, and develops program standards and guidelines.   |
| Type of Program                        | Assesses a provider's or supplier's ability to meet federal requirements in order to participate in the Medicare program or to perform laboratory testing in interstate commerce.   |
| Methodology                            | Certification/licensure is granted to a provider/supplier by passing an on-site inspection process to assure compliance with the federal regulations.   |
| Inspection                             | Annual on-site inspection by State Survey Agency acting for the federal government.   |
| Conformity Identification              | An identification number is given to the provider/supplier when it is determined that federal requirements are met.   |
| Availability of Documentation          | A list of approved suppliers/providers is available from HCFA.  |
| Obligations of the Manufacturer/Vendor | Providers/suppliers must continue to meet the appropriate federal requirements and to notify the government of any changes in their operation.  |
| Enforcement                            | Medicare decertification/termination or revocation of CLIA license if provider/supplier fails to comply with program requirements.  |
| Term                                   | Providers/suppliers must undergo annual on-site inspection to assure compliance with program requirements.  |
| Reciprocity                            | <p>Hospitals accredited by the Joint Commission on Accreditation of Hospitals (JCAH) or the American Osteopathic Association (AOA) are deemed to meet the Federal Medicare requirements.</p> <p>Clinical laboratories performing tests in interstate commerce may apply for a College of American Pathologists (CAP) Exemption (if the lab is CAP accredited), a New York State Exemption, or a Low Volume Exemption in lieu of a CLIA license.</p> |



**Standards, Codes  
or Regulations**

Standards are specified in the Acts and in the Code of Federal Regulations.

**Keywords**

ambulatory surgical centers; CLIA/interstate licensure; health care facility; health care providers; home health agencies; hospices; hospitals; intermediate care facilities; laboratories; Medicare certification; physical therapy; portable x-ray services; rehabilitation facilities; rural health clinics; skilled nursing facilities; speech pathology services



|                               |   |
|-------------------------------|---|
| Products or Services          | Drugs Containing Insulin  |
| Department/Agency             | U.S. Department of Health and Human Services<br>Food and Drug Administration (FDA)<br>Center for Drugs and Biologics<br>Office of Biologics Research and Review<br>5600 Fishers Lane<br>Rockville, MD 20857<br>(301) 443-3490 |
| Compliance                    | Voluntary   |
| Authority                     | 21 CFR Part 429.  |
| Aim                           | To provide insulin users with assurance of a uniform quality drug.  |
| Benefits                      | Virtually all producers participate in this certification program.  |
| Agency Function               | Certifier.  |
| Type of Program               | Pre-marketing evaluation.   |
| Methodology                   | Government inspection.<br>Compliance with Good Manufacturing Practices (GMP).   |
| Testing                       | Manufacturer's lab.<br>Government lab.  |
| Inspection                    | Government.   |
| Conformity Identification     | Lists of qualified producers and certified products are maintained by FDA.  |
| Availability of Documentation | Lists are available from FDA.   |

|  |  |
|--|--|
| Obligations of the Manufacturer/Vendor | Producers are required to keep production records for two years after batch shipment.  |
| Enforcement                            | Marketing ban (under the requirement that any misbranded drug is banned by law).   |
| Term                                   | Certification is provided on a batch basis.  |
| Reciprocity                            | Certification is recognized by other federal agencies, state agencies, and private sector organizations.                             |
| Standards, Codes or Regulations        | Agency prepares certification criteria. Agency adopts test methods of the U.S. Pharmacopoeial Convention and the National Formulary. |
| Keywords                               | certification; color coding; drugs; insulin; labeling; market ban; packaging   |



|                           |  |
|---------------------------|--|
| Products or Services      | Drugs for Human Use  |
| Department/Agency         | U.S. Department of Health and Human Services<br>Food and Drug Administration (FDA)<br>Center for Drugs and Biologics<br>Office of Compliance<br>Regulatory Affairs Division<br>Legislative, Consumer and Professional Affairs Branch<br>Metro Park North<br>7520 Standish Place<br>Rockville, MD 20855<br>(301) 295-8012 |
| Compliance                | Mandatory  |
| Authority                 | Food, Drug and Cosmetic Act of 1938 as amended,<br>Title 21 USC, 21 CFR Parts 200-212 and 300-315.   |
| Aim                       | To assure that drugs and antibiotics are both safe and effective for intended use.   |
| Benefits                  | Virtually all covered products consumed in the U.S. are made in registered establishments and produced under Good Manufacturing Practices (GMP).   |
| Agency Function           | Certifier.   |
| Type of Program           | Pre-marketing evaluation.  |
| Methodology               | Government design approval, inspection, site approval and compliance with GMP.   |
| Testing                   | Manufacturer's lab.<br>Third party lab.  |
| Inspection                | Government.  |
| Conformity Identification | Lists of qualified producers and approved products are maintained by FDA.  |

|   |  |
|---|--|
| Availability<br>of Documentation          | <p>Official lists may be obtained from:</p> <p>Drug Listing Branch (HFN-315)<br/> Center for Drugs and Biologics<br/> Food and Drug Administration (FDA)<br/> 7520 Standish Place<br/> Rockville, MD 20855<br/> (301) 295-8077</p>   |
| Obligations of the<br>Manufacturer/Vendor | Producers are required to register establishments, maintain sanitary conditions, provide substantial clinical evidence of safety and effectiveness, prepare adequate labeling and instructions for use, submit advertising for approval, comply with GMP, use approved packaging, and advise FDA of known adverse reactions. |
| Enforcement                               | Marketing ban.<br>Product recall.  |
| Term                                      | No specific term; retesting is based on changes in product characteristics, composition, or intended use. A major consideration is any misbranding or adulteration.  |
| Reciprocity                               | Certification is recognized widely in the U.S., but no foreign reciprocity.  |
| Standards, Codes<br>or Regulations        | FDA prepares all standard requirements including GMP Rules, except that specifications of official drug components are prepared by private organizations, i.e., the U.S. Pharmacopeia, the Homeopathic Pharmacopeia, or the National Formulary.  |
| Keywords                                  | adulteration; antibiotics; drug registration; drugs; good manufacturing practices; labeling; misbranding; packaging; pre-market evaluation; recall; sanitation   |

|                      |  |
|----------------------|--|
| Products or Services | Medical Devices  |
| Department/Agency    | U.S. Department of Health and Human Services<br>Food and Drug Administration (FDA)<br>Center for Devices and Radiological Health<br>Office of Device Evaluation<br>8757 Georgia Ave.<br>Silver Spring, MD 20910<br>(301) 427-7004    |
| Initiated            | 1976   |
| Compliance           | Mandatory  |
| Authority            | Medical Device Amendments, P.L. 94-295 to Food, Drug and Cosmetic Act, Title 21 USC.   |
| Aim                  | To assure that medical devices are both safe and efficacious in their intended use.  |
| Benefits             | For Class III devices, the program provides a more thorough design review.<br><br>For Class I and II devices, the program provides clear public expectations.  |
| Agency Function      | For Class III devices, certifier.<br>For Classes I and II devices, program administrator.  |
| Type of Program      | Pre-marketing evaluation.  |
| Methodology          | For Class III, government design approval, audit inspection, and site approval; manufacturers supply test data.<br><br>For Classes I and II, manufacturer self-certification and compliance with Good Manufacturing Practices (GMP). |
| Testing              | Manufacturer's lab or third party lab.<br>Audit testing may be done by labs under contract to government.  |



|   |  |
|---|--|
| Inspection                                | Government.  |
| Conformity<br>Identification              | For Class III devices only, list of approved products is maintained by FDA. For Classes I and II, manufacturer self-certification is evidenced through information required in product labeling                                  |
| Availability<br>of Documentation          | Lists are available from the:<br><br>FDA Devices Registration and Listing Branch<br>Product Surveillance Division<br>8757 Georgia Ave.<br>Silver Spring, MD 20910<br>(301) 427-7190  |
| Obligations of the<br>Manufacturer/Vendor | Manufacturers of all classes of medical devices are required to be registered and to collect data on patient/practitioner experience and report any hazardous events or noncompliances with Class III or Class II certification. |
| Enforcement                               | Marketing ban, product recall, delisting are all applicable to medical devices.  |
| Term                                      | No specific term; retesting is based on changes in product characteristics or use. A major consideration is any misbranding or adulteration.   |
| Reciprocity                               | Certifications are recognized widely in the U.S., but no foreign reciprocity.  |
| Standards, Codes<br>or Regulations        | Agency prepares requirements for Class III; standards for Class II may be from private sector; FDA develops and maintains GMP rules.   |
| Keywords                                  | adulteration; good manufacturing practices; investigational use; medical devices; medical device classification; misbranding; pre-market notification; recall  |



|                      |  |
|----------------------|--|
| Products or Services | Automotive Driving Aids and Automatic Wheelchair Lifts   |
| Department/Agency    | Veterans Administration<br>Prosthetic & Sensory Aids Service (121)<br>810 Vermont Ave., NW<br>Washington, D.C. 20420<br>(202) 233-2011   |
| Initiated            | Driving aids, March 27, 1975; wheelchair lifts, May 10, 1978.  |
| Compliance           | Mandatory only for purchases funded by the Veterans Administration (VA).   |
| Authority            | P.L. 91-666.   |
| Aim                  | To provide quality equipment and assure the safety of veteran passengers and drivers as well as the general public.  |
| Benefits             | Since developing the Quality Products List for hand controls and van lifts, manufacturers of these units have been assisted by the VA in improving the quality of their products. Establishment of standards has fostered competition. |
| Agency Function      | Certification is made by the VA sponsored Automobile Adaptive Equipment Committee.   |
| Type of Program      | Assessment prior to government purchase.   |
| Methodology          | Compliance is assured by government testing/inspection or third party government approved certification, and manufacturers' self-certification.  |
| Testing              | Testing results are accepted from government laboratories, government approved labs, third party labs and manufacturers' labs.   |
| Inspection           | Government.  |

|                                     |  |
|-------------------------------------|--|
| Conformity<br>Identification        | Listing in VA Circular 10-86-54.   |
| Availability<br>of Documentation    | The VA Compliance List, DM&S Circular 10-86-54, dated April 24, 1986, lists certified suppliers of wheelchair lift systems and hand controls.  |
| Term                                | Testing of new products is on-going. Listings are updated annually.  |
| Reciprocity                         | Certification by other agencies is accepted when current standards are applied.  |
| Standards, Codes,<br>or Regulations | <u>Federal Register</u> , Vol. 40, No. 65 - April 3, 1975, defines standards for driving aids.<br><br>Requirements for wheelchair lifts are specified in <u>Federal Register</u> , Vol. 43, No. 96 - May 17, 1978. |
| Keywords                            | adaptive equipment; automotive; driving aids; hand control; handicapped aids; prosthetic aids; quality; safety; wheelchair lifts   |

|                      |   |
|----------------------|---|
| Products or Services | Self-Propelled and Motorized Wheelchairs  |
| Department/Agency    | Veterans Administration<br>Prosthetic & Sensory Aids Service (121)<br>810 Vermont Ave., NW<br>Washington, D.C. 20420<br>(202) 233-2011                |
| Initiated            | Self-propelled wheelchairs, December 7, 1977; Motorized wheelchairs, December 15, 1981  |
| Compliance           | Mandatory only for purchases funded by the Veterans Administration (VA).  |
| Authority            | Title 38 USC 4101(c)(2).  |
| Aim                  | Avoid hazardous conditions for disabled persons caused by inferior products.  |
| Benefits             | Product quality and safety has improved and competition has increased. Federal Supply Schedule Contracts have been established to enforce compliance. |
| Agency Function      | Certification is made by the VA sponsored Prosthetic Technology Equipment Committee.  |
| Type of Program      | Assessment prior to government purchase.  |
| Methodology          | Compliance is assured by government testing/inspection or third party government approved certification, and manufacturers' self-certification.       |
| Testing              | Testing results are accepted from government laboratories, government approved labs, third party labs and manufacturers' labs.                        |
| Inspection           | Government.   |

|                                     |   |
|-------------------------------------|---|
| Conformity<br>Identification        | Self-propelled wheelchair suppliers and motorized wheelchair suppliers are currently listed.  |
| Availability<br>of Documentation    | The General Services Administration's (GSA) Federal Supply Schedule for wheelchairs provides particulars.   |
| Term                                | Testing of new products is on-going. Listings are updated annually and GSA contracts are negotiated annually.   |
| Reciprocity                         | Certification by other agencies is accepted when current standards are applied.   |
| Standards, Codes,<br>or Regulations | <u>Federal Register</u> , Vol. 42, No. 239 - December 13, 1977, defines standards for propelled wheelchairs.<br><br>Requirements for motorized wheelchairs are specified in <u>Federal Register</u> , Vol. 46, No. 240 - December 15, 1981. |
| Keywords                            | handicapped aids; prosthetic aids; quality; safety; wheelchair  |



|                               |   |
|-------------------------------|---|
| Products or Services          | Tests and Procedures Performed by Veterans Administration Medical Center Laboratories   |
| Department/Agency             | Veterans Administration<br>Pathology Service, Dept. of Medicine and Surgery<br>810 Vermont Ave., NW<br>Washington, D.C. 20420<br>(202) 233-2464   |
| Initiated                     | 1970  |
| Compliance                    | Voluntary   |
| Aim                           | Standardization and uniformity in laboratory test performance throughout 204 clinical laboratories, 63 nuclear medicine laboratories, 159 special purpose laboratories of the Veterans Administration system. |
| Benefits                      | Improved quality of care for patients. Peer-reviewed process provides cross-educational benefits for all laboratories.  |
| Agency Function               | Certifier and program administrator.  |
| Type of Program               | Quality Control.<br>Physician peer review.  |
| Methodology                   | Third party certification - College of American Pathologists (CAP).   |
| Inspection                    | Third party.  |
| Conformity Identification     | Authorized certificate issued by third party - College of American Pathologists.  |
| Availability of Documentation | Maintained by Pathology Service and local laboratories, and at CAP.   |
| Enforcement                   | Pathology Service, Veterans Administration Central Office.  |

|                                  |   |
|----------------------------------|---|
| Term                             | Indefinite term.  |
| Reciprocity                      | Recognition of certification by Joint Council of American Hospitals.                                    |
| Standards, Codes, or Regulations | College of American Pathologists Laboratory Accreditation Program (CAPLAP).                             |
| Keywords                         | clinical laboratories; laboratories; limited special function laboratories; nuclear medicine; pathology |

**SECTION VIII**  
**MINING, DRILLING, AND INDUSTRIAL EQUIPMENT**





SECTION VIII  
MINING, DRILLING, AND INDUSTRIAL EQUIPMENT  
INDEX

REFERENCES IN THIS SECTION PAGE

|   |     |
|---|-----|
| COAL DUST SAMPLERS.....   | 161 |
| DIESEL-POWERED EQUIPMENT FOR GASSY MINES.....   | 165 |
| ELECTRICAL EQUIPMENT FOR MINES.....   | 167 |
| EQUIPMENT AND MATERIALS USED IN THE WORKPLACE.....  | 171 |
| RESPIRATORS AND OTHER BREATHING APPARATUS.....  | 161 |
| SYSTEMS USING PRESENCE SENSING DEVICES FOR INITIATING MECHANICAL POWER<br>PRESSES (PSDI)..... | 169 |
| VALVES, SUBSURFACE AND SURFACE SAFETY FOR OIL AND GAS OPERATIONS.....                         | 163 |

REFERENCES IN OTHER SECTIONS

|  |     |
|--|-----|
| ELECTRICAL AND ELECTRONIC DEVICES THAT GENERATE RADIO FREQUENCY ENERGY.... | 101 |
| ELECTRONIC PRODUCTS - RADIATION PROTECTION.....                            | 107 |
| HAZARDOUS SUBSTANCES.....  | 227 |
| SECTION VI-TESTING, MEASUREMENT AND CALIBRATION SERVICES.....              | 119 |
| SECTION VII-MEDICAL PRODUCTS AND SERVICES.....                             | 137 |
| SECTION IX-TRANSPORTATION-RELATED PRODUCTS AND SERVICES.....               | 173 |



|                      |   |
|----------------------|---|
| Products or Services | Respirators and Other Breathing Apparatus; Personal Coal Dust Samplers  |
| Department/Agency    | U.S. Department of Health and Human Services<br>National Institute for Occupational Safety and Health<br>Appalachian Laboratory for Occupational Safety and Health<br>Certification Branch<br>944 Chestnut Ridge Road<br>Morgantown, WV 26505-2888<br>(304) 291-4331  |
| Initiated            | 1972  |
| Compliance           | Voluntary   |
| Authority            | 30 CFR Part 11.<br>30 CFR Part 74.  |
| Aim                  | To assure a minimum level of performance and quality for respiratory protective devices in the marketplace and provide an independent review of manufacturer's designs.   |
| Benefits             | The certifying laboratory evaluates approximately 2000 samples of respiratory protective devices from a population of 21 domestic manufacturers and five importers. These evaluations combined with an extensive defect notification program, including both users and manufacturers, assures that nearly all potentially life-threatening problems with respiratory protective equipment are detected and corrected before equipment-related injuries occur. |
| Agency Function      | Certifier.  |
| Type of Program      | Pre-marketing evaluation and post-marketing assessment, in the form of defect investigation.  |
| Methodology          | Federal design approval and testing.  |
| Testing              | Government laboratory and manufacturers labs.   |

|   |   |
|---|---|
| Inspection                                | Federal agency representatives only.  |
| Conformity<br>Identification              | Approved product lists and government-approved labels applied by the manufacturer.  |
| Availability<br>of Documentation          | Approved product lists are available to users at the above address.   |
| Obligations of the<br>Manufacturer/Vendor | Manufacturer must conduct pre-submittal tests; establish a quality control plan for agency approval; notify agency of possible or actual equipment or component defects; participate in agency-sponsored investigations; and cease labeling if approval is suspended. |
| Enforcement                               | Delisting.<br>Product recall (voluntary by the manufacturer).<br>Notification to users.   |
| Term                                      | Indefinite term.  |
| Reciprocity                               | Other federal agencies (e.g. the NRC).<br>State agencies.<br>Government of Canada and its counterpart agencies.   |
| Standards, Codes<br>or Regulations        | Agency prepares criteria documents. Agency adopts standards prepared by others for quality plans and respirator maintenance.  |
| Keywords                                  | air samplers; breathing apparatus; coal mine dust; design approval; face pieces; gas masks; mining equipment; pesticides; respirators   |



|                               |   |
|-------------------------------|---|
| Products or Services          | Surface and Subsurface Safety Valves for Oil and Gas Operations   |
| Department/Agency             | Minerals Management Service<br>Offshore Operations<br>Offshore Rules and Operations Division, Room 6A116<br>U.S. Department of the Interior<br>12203 Sunrise Valley Drive<br>Reston, VA 22091<br>(703) 648-7813 |
| Initiated                     | 1980  |
| Compliance                    | Mandatory   |
| Authority                     | 30 CFR Part 250.11.<br>Outer Continental Shelf (OCS) Orders.  |
| Aim                           | To prevent major oil spills that cause pollution.   |
| Benefits                      | Decreased pollution and accidents and improved consistency of manufacturing and testing.  |
| Agency Function               | Program administrator.  |
| Type of Program               | Pre-marketing evaluation.   |
| Methodology                   | Third party inspection.   |
| Inspection                    | Federal inspection of drilling/production operations.<br>Valves subject to ASME-approved, third party inspection.   |
| Conformity Identification     | Authorized mark or label by manufacturer.   |
| Availability of Documentation | Available from ASME at 345 E. 47th Street, New York, NY 10017.  |

Obligations of  
Manufacturer/Vendor

Traceability.

Enforcement

Delisting.

Term

Three years.

Reciprocity

No reciprocal agreements.

Standards, Codes,  
or Regulations

ANSI/ASME - SPPE-1, Quality Assurance and Certification of  
Safety and Pollution Prevention Equipment Used in Offshore  
Oil and Gas Operations.

ANSI/ASME - SPPE-2, Accreditation of Testing Laboratories  
for Safety and Pollution Prevention Equipment Used in  
Offshore Oil and Gas Operations.

Keywords

environmental protection; gas pollution; OCS; offshore  
drilling; oil pollution; petroleum pollution; pollution  
prevention; safety valves; valves

|                               |   |
|-------------------------------|---|
| Products or Services          | Diesel-Powered Equipment for Gassy Mines  |
| Department/Agency             | U.S. Department of Labor<br>Mine Safety and Health Administration (MSHA)<br>Approval and Certification Center<br>Box 251<br>Triadelphia, WV 26059<br>(304) 547-0400 |
| Initiated                     | 1977  |
| Compliance                    | Mandatory for certain areas of non-coal mines where methane may be present.   |
| Authority                     | P.L. 91-173; 30 USC 957.<br>P.L. 95-164; 30 USC 961, 951; 30 CFR Part 36.   |
| Aim                           | To provide a uniform means for evaluating diesel-powered equipment used in non-coal mines for mining and transportation.  |
| Benefits                      | Accidents and deaths related to diesel-powered mine machinery have been minimized.  |
| Agency Function               | Certifier.  |
| Type of Program               | Pre-market evaluation.  |
| Methodology                   | Government design approval, testing, and inspection.  |
| Testing                       | Government labs or other labs under government monitoring.  |
| Inspection                    | Government.   |
| Conformity Identification     | Agency designated and issued mark.  |
| Availability of Documentation | Agency publishes lists of certified and approved equipment.   |

|  |   |
|--|---|
| Obligations of the Manufacturer/Vendor | Manufacturer must maintain production according to type-approved drawings, including modifications to design required for approval, and employ acceptable quality control plan. |
| Enforcement                            | Marketing ban; removal from mine use of non-conforming equipment; legal action.   |
| Term                                   | Indefinite.   |
| Reciprocity                            | Other international, federal and state agencies, and private organizations.   |
| Standards, Codes or Regulations        | Agency prepares criteria documents.   |
| Keywords                               | diesel-powered equipment; dust collectors; electrical components; exhaust gasses; flammable atmosphere; mining machines; non-coal mines; safety; transporters; ventilators      |



|                               |   |
|-------------------------------|---|
| Products or Services          | Electrical Equipment for Mines  |
| Department/Agency             | U.S. Department of Labor<br>Mine Safety and Health Administration (MSHA)<br>Approval and Certification Center<br>Box 251<br>Triadelphia, WV 26059<br>(304) 547-0400 |
| Initiated                     | 1977  |
| Compliance                    | Mandatory   |
| Authority                     | P.L. 95-164; 30 USC 961, 951; 30 CFR Part 18.<br>P.L. 91-173; 30 USC 957.   |
| Aim                           | To provide a uniform means for evaluating electrical equipment used in gassy mines for mining, illuminating, and measuring in order to reduce work place hazards.   |
| Benefits                      | Accidents and deaths related to electrically-powered mine machinery have been minimized.  |
| Agency Function               | Certifier.  |
| Type of Program               | Pre-market evaluation.  |
| Methodology                   | Government design approval, testing, and inspection.  |
| Testing                       | Government labs or other labs under government monitoring.  |
| Inspection                    | Government.   |
| Conformity Identification     | Agency designated and issued mark.  |
| Availability of Documentation | Agency publishes lists of certified and approved equipment.   |

|  |  |
|--|--|
| Obligations of the Manufacturer/Vendor | Manufacturer must maintain production according to type-approved drawings, including modifications to design required for approval, and employ acceptable quality control plan.              |
| Enforcement                            | Marketing ban; removal from mine use of non-conforming equipment; legal action.  |
| Term                                   | Indefinite.  |
| Reciprocity                            | Other international, federal and state agencies, and private organizations.  |
| Standards, Codes or Regulations        | Agency prepares criteria documents.  |
| Keywords                               | battery powered equipment; coal mines; electrical equipment; fans compressors; illumination; intrinsically-safe equipment; mining equipment; pumps; safety; shuttle cars; signalling devices |

|                      |   |
|----------------------|---|
| Products or Services | Systems Using Presence Sensing Devices for Initiating Mechanical Power Presses (PSDI)   |
| Department/Agency    | U.S. Department of Labor<br>Occupational Safety and Health Administration (OSHA)<br>Directorate of Technical Support<br>Office of Variance Determination, Room N3656<br>200 Constitution Ave., NW<br>Washington, D.C. 20210<br>(202) 523-7193 |
| Initiated            | Final Rule to be issued in 1987.  |
| Compliance           | Mandatory for employers planning to use such systems.   |
| Authority            | 29 CFR Part 1910.217; 29 CFR Part 1910 --<br>General Industry; P.L. 91-596 --<br>Occupation Safety and Health Act of 1970.  |
| Aim                  | To provide protection for employees using presence sensing devices for initiation of mechanical power presses.  |
| Benefits             | The overall press and control system safety are enhanced by certification to ensure a higher degree of equipment capability and reliability than was provided for in the former standard.   |
| Agency Function      | Program administrator.  |
| Type of Program      | Regulatory compliance.  |
| Methodology          | OSHA recognizes third party certification program(s) to validate certifications by manufacturer or employer. Certifications include design, installation and annual recertification.  |
| Testing              | Laboratory selected by recognized certification program.  |
| Inspection           | Recognized third party certification program.   |

|  |  |
|--|--|
| Conformity Identification              | Mark or label authorized by recognized certification program.  |
| Availability of Documentation          | Available from recognized certification program, manufacturer, or employer.  |
| Obligations of the Manufacturer/Vendor | Cooperate with employers and recognized certification programs to develop, install and maintain safe devices for presses.                          |
| Enforcement                            | As required by OSHA Act; periodic inspection of employers under OSHA inspection program; written report on mechanical power presses also required. |
| Term                                   | Retesting after one year by recognized certification program.  |
| Reciprocity                            | Recognition of certification by:<br>Other federal agencies<br>State agencies.  |
| Standards, Codes or Regulations        | Recognized certification program adopts and uses standards prepared by others.   |
| Keywords                               | industrial safety; light curtain; machine guarding; mechanical power press; Presence Sensing Device Initiation (PSDI); presses; safety distance    |



|                      |   |
|----------------------|---|
| Products or Services | Equipment and Materials Used in the Workplace   |
| Department/Agency    | U.S. Department of Labor<br>Occupational Safety and Health Administration (OSHA)<br>Directorate of Safety Standards Programs<br>200 Constitution Ave., NW<br>Washington, D.C. 20210<br>(202) 523-8061   |
| Initiated            | 1971  |
| Compliance           | Mandatory   |
| Authority            | Occupational Safety and Health Act of 1970, PL 91-596.<br>29 CFR Part 1910 -- Occupational Safety and Health Standards for General Industry.<br>29 CFR Part 1915 -- Occupational Safety and Health Standards for Shipyard Employment.<br>29 CFR Part 1917-1918 -- Occupational Safety and Health Standards for Marine Terminals; Longshoring.<br>29 CFR Part 1926 -- Construction Safety and Health Standards.<br>29 CFR Part 1928 -- Occupational Safety and Health Standards for Agricultural Employment. |
| Aim                  | To provide protection to the nation's workers on their job by reducing or eliminating the various hazards to which workers may be exposed. Certain equipment because of its nature or the types of hazards that may develop while in use is required to be listed, labelled, or approved by third party laboratories.   |
| Benefits             | The certification program enables employers to install equipment which has demonstrated compliance with applicable standards and regulations. OSHA workplace inspections can also be expedited when certified equipment is used.  |
| Agency Function      | Program administrator.  |
| Type of Program      | Post-marketing assessment.  |
| Methodology          | Third party certification.  |

|  |  |
|--|--|
| Testing                                | Third party test labs.<br><br>Accreditation of laboratories proposed in the Federal Register Notice of March 6, 1984.  |
| Inspection                             | OSHA inspectors can inspect equipment in the workplace.  |
| Obligations of the Manufacturer/Vendor | Comply with applicable standards.  |
| Enforcement                            | Ban from the workplace.  |
| Term                                   | Indefinite term.   |
| Reciprocity                            | Listing, labelling, or approval by foreign certification agencies is recognized by OSHA so long as evaluation criteria are equal to or more stringent than applicable OSHA standards and regulations.  |
| Standards, Codes or Regulations        | OSHA standards include extensions of federal standards and federal and non-government standards incorporated by reference. These include numerous standards of the American National Standards Institute, the American Society of Mechanical Engineers, the National Fire Protection Association, Underwriters Laboratories, and others. |
| Keywords                               | agriculture; construction; diving; electrical; equipment; fire protection; hazardous materials; health; job safety; machinery; material handling; medical services; personal protective equipment; safety; tools; ventilation; welding   |

**SECTION IX**  
**TRANSPORTATION-RELATED PRODUCTS AND SERVICES**





**SECTION IX**  
**TRANSPORTATION-RELATED PRODUCTS AND SERVICES**  
**INDEX**

| <u>REFERENCES IN THIS SECTION</u>  | <u>PAGE</u> |
|--|-------------|
| <b>AIR TRANSPORT</b>   |             |
| CIVILIAN AIRCRAFT, AIRCRAFT ENGINES, PROPELLERS, AND THEIR COMPONENTS<br>AND PARTS AS WELL AS RELATED PERSONNEL, SERVICES, AND FACILITIES..... | 177         |
| WEATHER OBSERVATION FOR AVIATION PURPOSES.....   | 181         |
| <b>MARINE TRANSPORT</b>  |             |
| MARITIME CARGO HANDLING EQUIPMENT.....   | 183         |
| LIFESAVING, ENGINEERING, FIRE PROTECTION, AND POLLUTION PREVENTION<br>EQUIPMENT FOR RECREATIONAL BOATS AND COMMERCIAL VESSELS.....             | 185         |
| SHIPBOARD NAVIGATIONAL AIDS.....   | 187         |
| SHIPPING CONTAINERS.....   | 189         |
| <b>MOTOR VEHICLE TRANSPORT</b>   |             |
| AUTOMOTIVE AFTER PARTS.....  | 191         |
| ENGINES, MOTOR VEHICLE, GASOLINE AND DIESEL.....   | 193         |
| MOTOR VEHICLE SAFETY.....  | 195         |
| <b>RAILROAD TRANSPORT</b>  |             |
| RAILWAY TANK CARS.....   | 197         |
| TRAINS, REAR END MARKING DEVICES FOR.....  | 199         |
| <b>TRANSPORT OF HAZARDOUS MATERIALS</b>  |             |
| CYLINDERS FOR TRANSPORTATION OF HAZARDOUS MATERIALS.....   | 201         |
| PACKAGES AND CONTAINERS FOR RADIOACTIVE MATERIALS.....   | 203         |
| PACKAGING OF HAZARDOUS MATERIALS FOR EXPORT.....   | 205         |
| PACKAGING OF RADIOACTIVE MATERIALS FOR TRANSPORT.....  | 207         |
| PIPELINES FOR HAZARDOUS FLUIDS.....  | 209         |
| SPECIAL TANKS FOR TRANSPORT OF HAZARDOUS MATERIALS.....  | 211         |
| TANKS FOR TRANSPORT OF HAZARDOUS MATERIALS.....  | 213         |
| <b>REFRIGERATED TRANSPORT</b>  |             |
| REFRIGERATED VEHICLES AND REFRIGERATION UNITS.....   | 215         |
| <u>REFERENCES IN OTHER SECTIONS</u>  |             |
| AUTOMOTIVE DRIVING AIDS AND WHEELCHAIR LIFTS.....  | 151         |
| ELECTRICAL AND ELECTRONIC DEVICES THAT GENERATE RADIO FREQUENCY ENERGY....   | 101         |
| EQUIPMENT AND MATERIALS USED IN THE WORKPLACE.....   | 171         |
| HAZARDOUS SUBSTANCES.....  | 227         |



|                      |   |
|----------------------|---|
| Products or Services | <p>Civilian Aircraft, Aircraft Engines, Propellers, and their Components and Parts</p> <p>In addition to these products, the comprehensive FAA system provides for certification of pilots, flight instructors, crew members, mechanics, parachute riggers, control tower operators, dispatchers, air carriers in interstate or overseas air transportation, air taxi operators, agricultural aircraft operators, navigational facilities, airports and heliports serving certificated air carriers, repair stations, parachute lofts and schools for pilots and mechanics. Certificates of designation and certificates of authority are issued to aviation medical examiners, examiners of pilots and technical personnel, designated manufacturing inspection representatives.</p> |
| Department/Agency    | <p>U.S. Department of Transportation (DOT)<br/> Federal Aviation Administration (FAA)<br/> Office of the Associate Administrator for Aviation Standards (AWS-1)<br/> 800 Independence Ave., SW<br/> Washington, D.C. 20591<br/> (202) 267-3131</p>  |
| Initiated            | 1926  |
| Compliance           | Mandatory   |
| Authority            | <p>Federal Aviation Act of 1958 (49 USC).<br/> 49 CFR Part 1-199.</p>   |
| Aim                  | To promote the development of civil aviation and to provide for safe and efficient use of the airspace.   |
| Benefits             | <p>The FAA certification system has helped to produce one of the safest and most efficient air transportation systems in the world.</p> <p>National Transportation Safety Board data demonstrate that surface travel results in approximately 170 times more fatalities than air travel, not only in total, but in rate per passenger mile traveled.</p>  |
| Agency Function      | Program administrator and certifier.  |



|                 |   |
|-----------------|---|
| Type of Program | Initial design assessment; initial product evaluation; assessment of design, manufacturing, and quality control practices; approval of maintenance periods; and monitoring of all service discrepancy reports.  |
| Methodology     | <p>A <u>Type Certificate</u> is granted by the FAA after an applicant has identified and demonstrated compliance with applicable regulations. A Type Certificate is issued for a specific make and model (type) of aircraft, engine, or propeller. Special Conditions may be issued for novel or unusual design features.</p> <p>A <u>Production Certificate</u> is issued to holders of type certificates upon demonstration that their quality control system assures that products conform to the type certificate.</p> <p>An <u>Airworthiness Certificate</u> is granted for a specific aircraft that meets the approved type design and is in condition for safe operation. Airworthiness certificates are also issued for engines that are exported.</p> <p><u>Parts Manufacturer Approval (PMA)</u> is required for the manufacture of parts, materials, processes and equipment to be installed on a type certificated product. This requires demonstration of compliance with applicable regulations, directives, and standards, and operation of an effective quality control system.</p> <p>Authorization to manufacture and designate products, in accordance with FAA Technical Standard Orders (TSO's), requires demonstration of compliance with performance and quality control requirements specified in the respective TSO's.</p> |
| Testing         | Compliance with the applicable requirements is usually accomplished by the applicant and the FAA will review, witness and test as appropriate, prior to approval of the design. Certain flight testing is performed by FAA personnel. Test data for PMA and TSO's are submitted to the FAA for review and approval. The FAA does not approve or accredit test laboratories; however, a manufacturer must possess, or have access to facilities that will enable it to test and inspect products to the requisite levels.  |
| Inspection      | Inspection is accomplished by FAA specialists and designated representatives.   |



|   |  |
|---|--|
| Conformity<br>Identification              | Airworthiness Certificates are issued for each approved aircraft. Engines and propellers must list the Type Certificate and Production Certificate numbers on their data plates. Products conforming to PMA are marked "FAA-PMA". Those manufactured in accordance with a TSO authorization are marked with the applicable TSO number.   |
| Availability<br>of Documentation          | No lists of approved or qualified products or suppliers are published for general distribution by FAA.   |
| Obligations of the<br>Manufacturer/Vendor | Each manufacturer or user of certified products, including TSO items, shall report any accident, failure, malfunction, or defect that could result in fire, engine failure, primary structural defect, loss or more than one electrical or hydraulic power generating system, and similar critical occurrences. FAA personnel shall be provided access to inspect any products manufactured under authorization, and to inspect the manufacturing facilities, quality control inspection and test, and technical data files.   |
| Enforcement                               | Various civil penalties are provided for under section 901 of the Federal Aviation Act of 1958. Under section 903, a state or federal law enforcement officer, or an FAA safety inspector may summarily seize an aircraft involved in a violation. If it is determined that the public interest and safety requires it, the FAA may issue an order amending, suspending or revoking, all or in part of any Type Certificate, Production Certificate, Airworthiness Certificate or Air Carrier Operating Certificate or Air Navigation Facility Certificate. Other enforcement options include cease and desist orders, orders of denial and injunctions. |
| Term                                      | Type Certificates and Production Certificates are effective until surrendered, suspended, revoked, or a termination date is otherwise established. Airworthiness Certificates are effective as long as maintenance, and alterations are performed in accordance with established regulations and procedures, and the aircraft are registered in the U.S. A PMA or TSO authorization is not transferable and is effective until surrendered or withdrawn.   |
| Reciprocity                               | The International Civil Aviation Organization (ICAO) sets general guidelines for airworthiness certification systems in Annex 8 to the Chicago Convention. The Federal Aviation Regulations implement ICAO guidelines in the U.S. The U.S. Dept. of Defense and the Coast Guard require that certain of their aircraft and equipment be FAA certified.   |

A Type Certificate may be issued for a product manufactured in a foreign country with which the U.S. has a bilateral agreement for acceptance of these products for export and import if the country in which the product was manufactured certifies that the product has been examined, tested, and found to meet applicable FAA requirements and the manuals, placards, and instrument markings are in English. Depending on the design and any unique features, Special Conditions may be identified for approval.

An Airworthiness Certificate is granted to imported aircraft for which a Type Certificate has been issued if the country in which the aircraft was manufactured certifies, and the FAA finds, that the aircraft conforms to the type design and is in condition for safe operation.

The FAA need not issue Production Certificates, PMA's, or TSO authorizations if the manufacturing facilities are located outside the U.S., unless there is no undue burden in administering the applicable requirements of the Federal Aviation Act of 1958.

**Standards, Codes  
or Regulations**

Applicable design, performance, and quality requirements are specified in 49 CFR Parts 1 to 199. Nongovernment standards are primarily standards developed by the Society of Automotive Engineers, Radio Technical Commission for Aeronautics, and the Aerospace Industries Association.

**Keywords**

air taxi operators; aircraft repair; aircraft; airports; airworthiness; aviation medical examiners; aviation; avionics; control tower operators; dispatchers; engines; flight crew; flight instructors; flight mechanics; heliports; navigational facilities; parachute schools; parachute riggers; pilots; PMA; production certificate; propellers; safety; TSO; type certificate



|                               |   |
|-------------------------------|---|
| Products or Services          | Weather Observation   |
| Department/Agency             | U.S. Department of Commerce<br>National Oceanic and Atmospheric Administration<br>National Weather Service<br>8060 13th Street<br>Silver Spring, MD 20910<br>(301) 427-7792     |
| Initiated                     | 1983  |
| Compliance                    | Mandatory   |
| Authority                     | Organic Act of the National Weather Service, 15 USC 311.  |
| Aim                           | Codify the basis for training, examination, and certification of human weather observers.   |
| Benefits                      | Assures consistent, minimum performance expectations for manual weather observations used for the preparation of forecasts and warnings and the support of aviation operations. |
| Agency Function               | Certifier and program administrator.  |
| Type of Program               | Pre-performance assessment.   |
| Methodology                   | Government testing, inspection, and audit.  |
| Testing                       | Government.   |
| Inspection                    | Government.   |
| Conformity Identification     | Government-issued certificates and master list of validated observers.  |
| Availability of Documentation | Master List is maintained at the FAA Academy, Oklahoma City, OK.  |

|  |  |
|--|--|
| Obligations of the Manufacturer/Vendor | Certificate holder is required to maintain skill level through experience (taking a minimum number of observations throughout the year).                     |
| Enforcement                            | Certificate suspension.  |
| Term                                   | Audit testing keyed to individual performance, eyesight, and current experience.   |
| Reciprocity                            | Other federal agencies.<br>State agencies.<br>Private organizations.<br>Canadian government agencies.  |
| Standards, Codes or Regulations        | Agency prepares examination and performance criteria and incorporates related criteria prepared by DOD, FAA, and Canadian Atmospheric Environmental Service. |
| Keywords                               | aviation weather; computer data entry; eyesight examination; radar observation; radiosonde observation; vision standards; weather observation                |



|                           |   |
|---------------------------|---|
| Products or Services      | Maritime Cargo Handling Equipment   |
| Department/Agency         | U.S. Department of Labor<br>Occupational Safety and Health Administration (OSHA)<br>Directorate of Field Operations<br>Office of Construction & Maritime Compliance Assistance<br>Room N3108<br>200 Constitution Ave., NW<br>Washington, D.C. 20210<br>(202) 523-8136 |
| Initiated                 | 1971  |
| Compliance                | Mandatory   |
| Authority                 | 29 CFR Part 1915-1919.  |
| Aim                       | Assure that all covered equipment complies with regulatory requirements. Most of the equipment is at marine terminals and shipyards. Cargo gear on board U.S. inspected vessels is under the jurisdiction of the U.S. Coast Guard.                                    |
| Benefits                  | Safety of longshoremen, seamen, and dock workers has been improved by this program which fulfills U.S. responsibilities for International Labor Organization (ILO) Convention No. 32.   |
| Agency Function           | Program administrator.  |
| Type of Program           | Post-marketing assessment.  |
| Methodology               | Third party certification.  |
| Testing                   | Government accredited lab.  |
| Inspection                | Third party.  |
| Conformity Identification | List of certified products made on OSHA official forms.   |

|   |  |
|---|--|
| Availability<br>of Documentation          | Agency maintains a list of accredited inspectors. Such firms are not required to publicize a list of their clients.                |
| Obligations of the<br>Manufacturer/Vendor | Cooperate with a specific third party certifier regarding design, fabrication, and installation data and maintenance requirements. |
| Enforcement                               | Delisting or ban on usage.   |
| Term                                      | Annual retesting.  |
| Reciprocity                               | Recognition of certification by:<br>Other federal agencies<br>State agencies.  |
| Standards, Codes<br>or Regulations        | Agency adopts standards prepared by others.  |
| Keywords                                  | accreditation; cranes; derricks; marine equipment; materials handling equipment; naval equipment; safe working loads; wire rope    |

|                      |   |
|----------------------|---|
| Products or Services | Lifesaving, Engineering, Fire Protection, and Pollution Prevention Equipment for Recreational Boats and Commercial Vessels  |
| Department/Agency    | <p>U.S. Department of Transportation (DOT)<br/> U.S. Coast Guard<br/> Office of Marine Safety, Security and Environmental Protection<br/> 2100 2nd Street, SW<br/> Washington, D.C. 20593<br/> Telex: 892427</p> <p>For electrical, pneumatic, and hydraulic equipment:<br/> Marine Technical and Hazardous Materials Division<br/> Engineering Branch, G-MTH-2<br/> Room 1218D<br/> (202) 267-2206</p> <p>For all other equipment:<br/> Merchant Vessel Inspection and Documentation Division<br/> Survival Systems Branch, G-MVI-3<br/> Room 1404<br/> (202) 267-1444</p> |
| Initiated            | 1946  |
| Compliance           | Mandatory for equipment required to be used on recreational boats and commercial vessels.   |
| Authority            | 33 CFR Part 159; 46 CFR Parts 2, 159-164.   |
| Aim                  | To approve equipment which meets minimum safety and performance standards.  |
| Benefits             | Approved equipment is intended to reduce the loss of life in marine accidents, and to prevent oil and sewage pollution of waterways by ships and boats.   |
| Agency Function      | Program administrator and certifier.  |
| Type of Program      | Pre-market evaluation, inspection, and testing.   |

|  |  |
|--|--|
| Methodology                            | Government design approval and audit testing and inspection.<br><br>Third party pre-approval testing and production testing and inspection.<br><br>Manufacturer self-certification and/or production testing and inspection on selected items. |
| Testing                                | Coast Guard accredited laboratory.<br>Manufacturer inspection on selected items.   |
| Inspection                             | Coast Guard accredited laboratory.<br>Manufacturer inspection on selected items.   |
| Conformity Identification              | List of approved/certified products and suppliers.<br><br>Items are marked with Coast Guard approval number.<br><br>Laboratory listing or classification marking required on some items.   |
| Availability of Documentation          | Publication "Equipment Lists" (U.S. Coast Guard COMSTINST M16714.3A) available for sale through Government Printing Office.  |
| Obligations of the Manufacturer/Vendor | Manufacturer is required to produce approved item exactly as described in approved plans. Some record keeping required.  |
| Enforcement                            | Delisting. Civil and criminal penalties are also available in certain cases.   |
| Term                                   | Five year term; renewal generally available on request.  |
| Reciprocity                            | None.  |
| Standards, Codes or Regulations        | 33 CFR Part 159.15 and 46 CFR Part 160-164 define applicable requirements and criteria.  |
| Keywords                               | boats; commercial vessels; marine safety; marine equipment; marine pollution prevention; recreational boats; ships   |



|                               |  |
|-------------------------------|--|
| Products or Services          | Shipboard Navigational Aides   |
| Department/Agency             | U.S. Department of Transportation (DOT)<br>U.S. Coast Guard<br>Office of Navigation, Room 1422<br>2100 2nd Street, SW<br>Washington, D.C. 20593<br>Telex: 892427<br>(202) 267-2267 |
| Initiated                     | January 1985   |
| Compliance                    | Mandatory  |
| Authority                     | 33 CFR Part 164; Port and Tanker Safety Act of 1978.   |
| Aim                           | To approve the standards of collision avoidance at sea.  |
| Benefits                      | Awareness and performance of observers is enhanced through automatically acquired information.   |
| Agency Function               | Program administrator.   |
| Type of Program               | Pre-market evaluation.   |
| Methodology                   | Manufacturer self-certification.   |
| Testing                       | Manufacturer's laboratory.   |
| Inspection                    | Government.  |
| Conformity Identification     | Authorized label by manufacturer.  |
| Availability of Documentation | No lists of conforming products are published.   |

|  |  |
|--|--|
| Obligations of the Manufacturer/Vendor | Conformity obligations rest on the equipment user who must perform and document tests specified in Coast Guard regulations.  |
| Enforcement                            | Product recall (i.e. user would be required to replace equipment not in compliance.)   |
| Term                                   | Indefinite term.   |
| Reciprocity                            | Other Federal agencies.<br>Foreign government agencies.<br>International organizations.  |
| Standards, Codes or Regulations        | Agency adopts standards prepared by the International Maritime Organization and the U.S. Maritime Administration.  |
| Keywords                               | alarms; automatic radar plotting aids; bearing encoders; boats; collision avoidance systems; depth sounding devices; gyro compasses; loran receivers; marine safety; marine equipment; ships; speed indicators; steering gear; vessels |

|                               |  |
|-------------------------------|--|
| Products or Services          | Shipping Containers  |
| Department/Agency             | U.S. Department of Transportation (DOT)<br>U.S. Coast Guard<br>Office of Marine Safety, Security and Environmental Protection<br>Merchant Vessel Inspection and Documentation Division<br>2100 2nd Street, SW<br>Washington, D.C. 20593<br>Telex: 892427<br>(202) 267-2978 |
| Initiated                     | 1977   |
| Compliance                    | Mandatory  |
| Authority                     | International Safe Container Act.  |
| Aim                           | To provide procedures to certify containers as conforming to the International Convention for Safe Containers.   |
| Benefits                      | International transport of containers is safer.  |
| Agency Function               | Program administrator and enforcement agency.  |
| Type of Program               | Container must be certified before it can be entered into international traffic.   |
| Methodology                   | Third party certification.   |
| Testing                       | Manufacturer or owner and Certifying Authority witness tests for container design type approval.   |
| Conformity Identification     | Containers must display a safety approval plate from the Certifying Authority in the country of registry.  |
| Availability of Documentation | List of approved manufacturers may be obtained from the Certifying Authority in each signatory country. Coast Guard can identifying Certifying Authorities.  |

|  |  |
|--|--|
| Obligations of the Manufacturer/Vendor | Owner and lessees are responsible for maintaining each container in a safe condition.  |
| Enforcement                            | Detention of unsafe and noncomplying containers.   |
| Term                                   | Individual containers and vehicles are subject to re-inspection every 30 months.   |
| Reciprocity                            | Certification is recognized by foreign governments and international organizations.  |
| Standards, Codes or Regulations        | Standards are included in the International Convention for Safe Containers, regulations in 49 CFR Part 450-453.  |
| Keywords                               | ACEP; Approved Continuous Examination; cargo container; commercial vessels; container; CSC; design approval; International Convention for Safe Containers; marine equipment; ships |



|                                  |  |
|----------------------------------|--|
| <b>Products or Services</b>      | Automotive After Parts   |
| <b>Department/Agency</b>         | Environmental Protection Agency (EPA)<br>Manufacturers Operations Division<br>Technical Support Branch<br>401 M Street, SW<br>Washington, D.C. 20460<br>(202) 382-2487   |
| <b>Initiated</b>                 | 1980. Modification to current procedures are expected to be proposed.  |
| <b>Compliance</b>                | Voluntary  |
| <b>Authority</b>                 | Section 207 (a) of the Clean Air Act, 42 USC 7541;<br>40 CFR Part 85.  |
| <b>Aim</b>                       | To enable vehicle owners to identify replacement parts that would not void the vehicle's emission warranty   |
| <b>Benefits</b>                  | Vehicle owners have benefited from the availability of parts from competitive sources. Parts suppliers are able to compete with original equipment and vehicle manufacturers for aftermarket sales by being able to assure vehicle owners that their products are in compliance with EPA standards and the vehicle manufacturer's warranty for emission applies. |
| <b>Agency Function</b>           | Program administrator.   |
| <b>Type of Program</b>           | Self-certification by supplier.  |
| <b>Methodology</b>               | Testing and certification by supplier after notifying EPA of intent to certify.  |
| <b>Testing</b>                   | By supplier.   |
| <b>Conformity Identification</b> | The part or its packaging shall bear the statement "Certified by (name of manufacturer or warranter) to EPA Emission Standards."   |

|                                       |   |
|---------------------------------------|---|
| Availability<br>of Documentation      | Requirements are set forth in 40 CFR Part 85.   |
| Obligations of<br>Manufacturer/Vendor | Suppliers are required to establish and maintain records of all certification tests as well as other information related to the integrity of the parts and the certification procedures.  |
| Enforcement                           | Decertification.  |
| Term                                  | Indefinite term.  |
| Standards, Codes,<br>or Regulations   | Test procedures and criteria for certification of catalytic converters, positive crankcase ventilation valves, air filters, spark plugs, distributors and other ignition and carburetor components are specified in 40 CFR Part 85. |
| Keywords                              | aftermarket; air pollution; automotive parts; environment treatment; pollution control; replacement parts; vehicle emissions; warranty  |

|                      |  |
|----------------------|--|
| Products or Services | Motor Vehicle Engines, Gasoline and Diesel   |
| Department/Agency    | Environmental Protection Agency (EPA)<br>Office of Mobile Sources<br>Certification Division<br>Certification Branch<br>2665 Plymouth Road<br>Ann Arbor, MI 48105<br>(313) 668-4280                       |
| Initiated            | 1972   |
| Compliance           | Mandatory for producers and distributors of motor vehicle engines, automobiles, light duty trucks, and motorcycles.  |
| Authority            | The Clean Air Act as amended in 1977, 42 USC 1857.   |
| Aim                  | To control emissions from motor vehicles and engines in the interest of public health.   |
| Benefits             | The atmospheric environment has become cleaner through progressively more restrictive emissions of carbon monoxide, hydrocarbons, oxides of nitrogen, and particulates from internal combustion engines. |
| Agency Function      | Both certifier and program administrator.  |
| Type of Program      | Pre-market evaluation; regulations provide for design evaluation, pre-production testing, and production auditing.   |
| Methodology          | Government design approval, testing, and audit in conjunction with manufacturer self-certification.  |
| Testing              | Government lab.<br>Government accredited lab.<br>Manufacturer's labs.  |
| Inspection           | Government.<br>Third party.  |

|                                       |  |
|---------------------------------------|--|
| Conformity<br>Identification          | Authorized label by manufacturer.<br>List of certified products.   |
| Availability<br>of Documentation      | Lists available from EPA.  |
| Obligations of<br>Manufacturer/Vendor | Manufacturer must qualify new engine designs, new emission control system designs, and existing engine and emission control system designs when emission regulations change.   |
| Enforcement                           | Marketing ban.<br>Product recall.  |
| Term                                  | Annual with audit testing.   |
| Reciprocity                           | Federal certification is recognized in all states except California.   |
| Standards, Codes,<br>or Regulations   | EPA prepares all criteria documents; some test methods prepared by others are referenced.  |
| Keywords                              | aftermarket; carbon monoxide; diesel engines; environmental treatment; evaporative emissions replacement; exhaust emissions; gasoline engines; hydrocarbons; light duty trucks; motor vehicles; motorcycles; oxides of nitrogen; pollution control; vehicles; warranty |



|                           |   |
|---------------------------|---|
| Products or Services      | Motor Vehicle Safety  |
| Department/Agency         | U.S. Department of Transportation (DOT)<br>National Highway Traffic Safety Administration (NHTSA)<br>Office of Vehicle Safety Compliance<br>400 Seventh Street, SW<br>Room 6113<br>Washington, D.C. 20590<br>(202) 366-2832 |
| Initiated                 | 1966  |
| Compliance                | Mandatory   |
| Authority                 | National Traffic and Motor Vehicle Safety Act of 1966 as amended.   |
| Aim                       | To regulate design, construction, and performance of motor vehicles to protect the public against unreasonable risk of accidents.   |
| Benefits                  | Reduction of traffic accidents, and deaths and injuries resulting from traffic accidents.   |
| Agency Function           | Program administrator.  |
| Type of Program           | Pre-market evaluation.  |
| Methodology               | Government audit.<br>Manufacturer self-certification.   |
| Testing                   | Government laboratories.  |
| Inspection                | Government.   |
| Conformity Identification | Authorized label by manufacturer.   |

|  |   |
|--|---|
| Availability of Documentation          | Agency maintains list of vehicle and equipment manufacturers who have undertaken product recalls for the purpose of achieving compliance with Federal Motor Vehicle Safety Standards. |
| Obligations of the Manufacturer/Vendor | Manufacturers must inform the Agency, owners, purchasers, and dealers of known defects and the plans to correct the defect(s).  |
| Enforcement                            | Marketing ban.<br>Product recall.   |
| Term                                   | Indefinite.   |
| Reciprocity                            | Other federal agencies and state agencies.<br>Private sector organizations may be paid contractors to the agency for detection of defects or compliance research.                     |
| Standards, Codes or Regulations        | Agency prepares criteria documents.   |
| Keywords                               | automobiles; compliance; motor vehicle equipment; product recall; safety; school buses; trucks; used vehicles   |

|                           |   |
|---------------------------|---|
| Products or Services      | Railway Tank Cars<br>(Includes pressurized, non-pressurized, multi-unit, and cryogenic types)   |
| Department/Agency         | U.S. Department of Transportation (DOT)<br>Research and Special Programs Administration (RSPA)<br>Office of Hazardous Materials Transportation<br>400 7th St., NW, Room 8100A<br>Washington, D.C. 20590<br>(202) 366-0656 |
| Initiated                 | 1965 (couplers subject to approval after 1977)  |
| Compliance                | Mandatory   |
| Authority                 | 49 CFR 179.100-400.   |
| Aim                       | To provide safe and reliable tank cars for transport of hazardous materials.  |
| Benefits                  | Certification minimizes the risk of leakage or rupture of tanks, inadequacy of couplers and the improper use of tanks for designated materials.   |
| Agency Function           | Program administrator.  |
| Type of Program           | Pre-market evaluation.  |
| Methodology               | Third party certification; Association of American Railroads (AAR) provides design approval of couplers which is accepted by DOT under this regulation.   |
| Testing                   | Third party acceptable to the AAR and to the Bureau of Explosives.  |
| Inspection                | Third party acceptable to the AAR and to the Bureau of Explosives.  |
| Conformity Identification | Direct marking on tanks.<br>Certificates of construction issued by Agency.  |

|                                    |   |
|------------------------------------|---|
| Availability of Documentation      | Certificates of construction are kept by Agency and AAR.  |
| Obligations of Manufacturer/Vendor | Manufacturer is obligated to use approved welders during construction.                              |
| Enforcement                        | Delisting or product recall is defects can be repaired.   |
| Term                               | Certification is essentially indefinite.  |
| Reciprocity                        | Other federal agencies.<br>State agencies.<br>Private sector organizations.<br>Canadian government. |
| Standards, Codes or Regulations    | Agency adopts standards of other organizations and provides integrating requirements.               |
| Keywords                           | certified welder; design approval; hazardous materials; railroads; railway car couplers; welding    |



|                      |  |
|----------------------|--|
| Products or Services | Rear End Marking Devices for Passenger, Commuter and Freight Trains  |
| Department/Agency    | U.S. Department of Transportation (DOT)<br>Federal Railroad Administration (FRA)<br>Associate Administrator for Safety<br>Office of Safety Enforcement<br>400 7th St., NW, Room 8326<br>Washington, D.C. 20590<br>(202) 366-9252   |
| Initiated            | 1978   |
| Compliance           | Mandatory  |
| Authority            | Section 202, 84 Stat. 971, 45 USC 431 and 49 CFR Part 1.49(n).   |
| Aim                  | To alleviate the potential for rear end collisions by requiring use of marking devices which have characteristics that assure visibility under adverse conditions encountered in service.  |
| Benefits             | Rear end collisions have decreased since implementation of this certification program.   |
| Agency Function      | Program administrator and certifier.   |
| Type of Program      | Review of self-certification submitted by railways.<br>Review of test data submitted by device manufacturers or railways.<br>Publication of Lists of Approved Rear End Marking Devices.  |
| Methodology          | Testing to demonstrate compliance is accomplished by manufacturers and railways in their labs or independent labs that meet specified qualifications. Railways submit a certificate signed by the chief operating officer that devices used on the railway system have been tested and comply with the FRA standard or are devices included in FRA's list of approved devices. |

|                                    |   |
|------------------------------------|---|
| Conformity Identification          | Inclusion on FRA's list of approved devices.  |
| Availability of Documentation      | 49 CFR Part 221, Appendix B.  |
| Obligations of Manufacturer/Vendor | Produce devices that are the same as samples tested for the original approval.  |
| Enforcement                        | Civil penalties ranging from \$250 to \$2500 for each violation. Each day of each violation constitutes a separate offense. |
| Term                               | Indefinite.   |
| Reciprocity                        | Recognition by state regulators as minimum requirements.  |
| Standards, Codes or Regulations    | Guidelines for Testing of FRA Rear End Marking Devices.   |
| Keywords                           | colorimetric; lights; photometric; railroads; railway car; safety; strobe; transportation                                   |

|                               |  |
|-------------------------------|--|
| Products or Services          | Cylinders for Transportation of Hazardous Materials  |
| Department/Agency             | U.S. Department of Transportation (DOT)<br>Research and Special Programs Administration (RSPA)<br>Office of Hazardous Materials Transportation (DHM-1)<br>400 Seventh Street, SW<br>Room 8100A<br>Washington, D.C. 20590<br>(202) 366-0656 |
| Initiated                     | 1964   |
| Compliance                    | Mandatory  |
| Authority                     | 49 CFR Part 178.36-178.68.   |
| Aim                           | To provide a uniform testing program for cylinders made from a variety of metals and used for many kinds of hazardous materials.   |
| Benefits                      | Consistent safety and durability of cylinders for intended use.  |
| Agency Function               | Program administrator.   |
| Type of Program               | Pre-market evaluation.   |
| Methodology                   | Third party certification or manufacturer self certification.  |
| Testing                       | Third party lab.<br>Manufacturer's lab.  |
| Conformity Identification     | Authorized identity by manufacturer.   |
| Availability of Documentation | No central registry of manufacturers; all cylinders legal for use are marked.  |

|  |   |
|--|---|
| Obligations of the Manufacturer/Vendor | Manufacturers must maintain quality control. Vendors must cycle inventory. Users must not use out-of-date cylinders.                        |
| Enforcement                            | Product recall.   |
| Term                                   | Fifteen year term; regulation has no specific provision for retesting, but tanks in sound physical condition may be tested and recertified. |
| Reciprocity                            | Marked cylinders are accepted throughout the U.S.   |
| Standards, Codes or Regulations        | Agency has integrated product requirements based on industry test methods.  |
| Keywords                               | containers; cylinders; hazardous materials; hydrotest; quality control; safety; transportation  |



|                                    |  |
|------------------------------------|--|
| Products or Services               | Packages and Containers for Radioactive Material   |
| Department/Agency                  | Nuclear Regulatory Commission<br>Office of Nuclear Material Safety and Safeguards<br>Washington, D.C. 20555<br>(301) 427-4122                                  |
| Initiated                          | 1974   |
| Compliance                         | Mandatory  |
| Authority                          | 10 CFR Part 71.  |
| Aim/Benefits                       | Protection of public health and safety and the environment.  |
| Agency Function                    | Program administrator and certifier  |
| Type of Program                    | Review and assessment of package designs prior to approval and grant of certificate of compliance.<br>Approximately 220 different designs have been certified. |
| Methodology                        | Government design approval, inspection, and audit inspection/testing.  |
| Testing                            | Applicant/Government   |
| Inspection                         | Applicant/ Government.   |
| Conformity Identification          | Approved packages are assigned an identification number.   |
| Availability of Documentation      | Part 71 Docket Files.<br>United States Nuclear Regulatory Commission<br>Public Document Room<br>Washington, D. C. 20555<br>(202) 634-3273                      |
| Obligations of Manufacturer/Vendor | Report defects or noncompliance.<br>Report significant reduction of effectiveness during use.  |

|                                  |   |
|----------------------------------|---|
| Enforcement                      | Order, denial, fine.  |
| Term                             | 5 year renewable.<br>Inspection prior to each use.  |
| Reciprocity                      | Recognition of certification by: <ul style="list-style-type: none"> <li>- Department of Transportation (DOT).</li> <li>- Foreign governments upon issuance of DOT Competent Authority Certificate.</li> </ul> |
| Standards, Codes, or Regulations | U. S. Nuclear Regulatory Commission Regulatory Guides (Division 7).<br>10 CFR Part 71 and 10 CFR Part 21.   |
| Keywords                         | environment; nuclear; packaging; radioactive material; safety   |

|                      |   |
|----------------------|---|
| Products or Services | Packaging of Hazardous Materials for Export   |
| Department/Agency    | U.S. Department of Transportation (DOT)<br>Research and Special Programs Administration (RSPA)<br>Office of Hazardous Materials Transportation<br>400 7th St., NW, Room 8100A<br>Washington, D.C. 20590<br>(202) 366-0656 |
| Initiated            | March 13, 1985  |
| Compliance           | Voluntary   |
| Authority            | 49 USC 1804, 1805, 1808; 49 CFR Part 1.53; Appendix A to Part 1.  |
| Aim                  | Designate third party testing agencies through which shippers and container manufacturers may demonstrate conformance of packaging designs with United Nations (U.N.) standards.  |
| Benefits             | To enhance the use of U.S. packaging in international transportation and facilitate the ability of U.S. companies to compete in export markets.   |
| Agency Function      | Program administrator and National Competent Authority in accordance with U.N. Recommendations.   |
| Type of Program      | Pre-market evaluation.  |
| Methodology          | Materials Transportation Bureau (MTB) designates third party approval agencies to evaluate and issue approval certificates for intermodal portable tanks and certifications of conformance for other types of packaging.  |
| Testing              | Testing by third party (manufacturers and shippers labs) is permitted if acceptable to the approval agencies.   |
| Inspection           | Subsequent inspection of packaging is not part of this program.   |

|                                    |  |
|------------------------------------|--|
| Conformity<br>Identification       | Certificates are provided to shippers and/or manufacturers by approval agencies.   |
| Enforcement                        | Designation of an approval agency to issue certification may be withdrawn for failure to abide by requirements of the program.   |
| Term                               | Indefinite.  |
| Reciprocity                        | Certification in accordance with U.N. Recommendations is intended to avoid acceptance testing and packaging approval in each country which might have such requirements. |
| Standards, Codes<br>or Regulations | Standards are set forth in the U.N. Recommendation (Transport of Dangerous Goods), and DOT requirements listed in 49 CFR Part 171, Subchapter C.                         |
| Keywords                           | containers; export; hazardous materials; National Competent Authority; safety; transportation; United Nations  |



|                           |   |
|---------------------------|---|
| Products or Services      | Packaging of Radioactive Materials for Transport  |
| Department/Agency         | U.S. Department of Transportation (DOT)<br>Research and Special Programs Administration (RSPA)<br>Office of Hazardous Materials Transportation<br>400 7th St., NW, Room 8100A<br>Washington, D.C. 20590<br>(202) 366-0656 |
| Initiated                 | 1975  |
| Compliance                | Mandatory   |
| Authority                 | 49 USC 1803, 1808 as amended;<br>49 CFR Part 173.465-173.469.   |
| Aim                       | To provide packaging for radioactive materials which maintains integrity under mild (Type A) or severe (Type B) fault conditions.   |
| Benefits                  | Transport of radioactive materials is accomplished with minimum radiation exposure to personnel.  |
| Agency Function           | Certifier.  |
| Type of Program           | Pre-market evaluation.  |
| Methodology               | Government design approval, inspection, and validation of test data submitted by manufacturer based on own or third party tests.  |
| Testing                   | Third party or manufacturer's lab.  |
| Inspection                | Government or third party.  |
| Conformity Identification | Mark on packaging authorized by agency, known as Competent Authority within International Atomic Energy Agency scheme.  |

|                                    |  |
|------------------------------------|--|
| Availability of Documentation      | Lists of approved manufacturers maintained in each country. Packaging of certain radioactive materials requires acceptance by Competent Authority in both shipping and receiving countries.  |
| Obligations of Manufacturer/Vendor | Maintain specified quality control records; cooperate in investigation of any package failures.  |
| Enforcement                        | Marketing ban.<br>Product recall.  |
| Term                               | Indefinite. Certification is based on prototype acceptance.  |
| Reciprocity                        | Type A packaging for domestic use accepted by other federal, state, and private organizations.<br>Type B packaging for international use, subtype U (unilateral) is accepted with mark from one country.<br>Subtype M (multilateral) requires mark from sending and receiving countries and transit countries for certain materials. |
| Standards, Codes or Regulations    | Agency establishes requirements and procedures.  |
| Keywords                           | fissile material; IAEA; package approval; packaging; quality assurance; radioactive material; safety; transportation   |

|                           |   |
|---------------------------|---|
| Products or Services      | Pipelines for Hazardous Fluids  |
| Department/Agency         | U.S. Department of Transportation (DOT)<br>Research and Special Programs Administration (RSPA)<br>Office of Pipeline Safety<br>400 7th St., NW, Room 8417<br>Washington, D.C. 20590<br>(202) 366-4595 |
| Initiated                 | 1968  |
| Compliance                | Mandatory   |
| Authority                 | 49 USC 1803-1809 as amended.  |
| Aim                       | To provide a mechanism for regulating the installation and maintenance of pipelines for the transportation of hazardous materials.  |
| Benefits                  | Safety record of such pipelines in the U.S. meets expectations.   |
| Agency Function           | Program administrator.  |
| Type of Program           | Pre-installation review with periodic testing of safety equipment throughout the useful life of the pipeline.   |
| Methodology               | Third party certification: welder and plastic pipe assemblers.<br><br>Manufacturer self-certification: valves, pressure-limiting services, and overall installation to specified standards.           |
| Testing                   | Third party or manufacturer's lab.  |
| Inspection                | Third party.  |
| Conformity Identification | Lists of qualified welders/installers and approved installations are published.   |

|                                    |  |
|------------------------------------|--|
| Availability of Documentation      | Certification of welders by the American Welding Society; comparable program by the installing contractor may be acceptable to DOT. List of approved pipelines kept by DOT.  |
| Obligations of Manufacturer/Vendor | Owner of pipeline is responsible for annual tests of pressure-limiting devices and for reports on all accidents related to the use of the pipeline. Accidents involving deaths are investigated by the National Transportation Safety Board. |
| Enforcement                        | Delisting; individual welders or installers may be required to undergo additional training; faulty valves or limiting devices may have to be replaced; pipeline could be decommissioned temporarily.   |
| Term                               | Pressure-limiting devices must be inspected on approximately an annual basis, not to exceed a 17 month interval.   |
| Reciprocity                        | Approved pipelines are not regulated by any other federal or state agency.   |
| Standards, Codes or Regulations    | Agency mainly adopts standards of other organizations.   |
| Keywords                           | certified welder; hazardous materials; pipelines; pressure-limiting devices; qualified plastic pipe assembler; safety; welding   |



|                           |   |
|---------------------------|---|
| Products or Services      | Special Tanks for Transport of Hazardous Materials  |
| Department/Agency         | U.S. Department of Transportation (DOT)<br>Research and Special Programs Administration (RSPA)<br>Office of Hazardous Materials Transportation<br>400 7th St., NW, Room 8100A<br>Washington, D.C. 20590<br>(202) 366-0656 |
| Initiated                 | 1964  |
| Compliance                | Mandatory   |
| Authority                 | 49 CFR Part 178.270-272.<br>(Special category reauthorized by P.L. 93-633.)   |
| Aim                       | To provide a uniform means for assuring the reliability of containers for shipping designated hazardous materials.  |
| Benefits                  | Materials are transported safely and efficiently and personal injuries due to container failure are minimized.  |
| Agency Function           | Program administrator.  |
| Type of Program           | Pre-market evaluation.  |
| Methodology               | Government design approval.<br>Third party certification.   |
| Testing                   | Third party or manufacturer's lab.  |
| Inspection                | Third party.  |
| Conformity Identification | Authorized mark applied by manufacturer.  |

|                                    |   |
|------------------------------------|---|
| Availability of Documentation      | Agency maintains list of firms authorized to manufacture such tanks.  |
| Obligations of Manufacturer/Vendor | Manufacturer must maintain integrity of design, quality control, and cooperate in investigation of suspected faults.  |
| Enforcement                        | Delisting or product recall.  |
| Term                               | Retest; user/owner to arrange for documented visual inspection at 2 1/2 year intervals; valves and pressure relief devices must be retested at 2 1/2 year intervals; and complete tank must be hydrotested every 5 years. |
| Reciprocity                        | Other federal agencies.<br>State agencies<br>Private sector organizations.<br>Canadian government.  |
| Standards, Codes or Regulations    | Agency integrates standards of other organizations into the program.  |
| Keywords                           | hazardous materials; hydrotesting; pressure relief devices; quality control; safety valves; tanks; transportation   |

|                           |   |
|---------------------------|---|
| Products or Services      | Tanks for Transport of Hazardous Materials  |
| Department/Agency         | U.S. Department of Transportation (DOT)<br>Research and Special Programs Administration (RSPA)<br>Office of Hazardous Materials Transportation<br>400 7th St., NW, Room 8100A<br>Washington, D.C. 20590<br>(202) 366-0656 |
| Initiated                 | 1964  |
| Compliance                | Mandatory   |
| Authority                 | 49 CFR Part 173.32-34, 49 USC 1803-1809.  |
| Aim                       | To provide safe and reliable containers for domestic shipment of hazardous materials.   |
| Benefits                  | Certification minimizes the risk of leakage or rupture of tanks and improper use of tanks for designated materials.   |
| Agency Function           | Program administrator.  |
| Type of Program           | Pre-market evaluation.<br>(Certain types of tanks in use at time regulation went into effect which were made to specific standards of the Association of American Railroads were approved.)                               |
| Methodology               | Manufacturer self-certification.  |
| Testing                   | Third party or manufacturer's lab.  |
| Inspection                | Periodic inspection is performed by owner.  |
| Conformity Identification | Certain tanks are identified by marking as specified in the regulation.   |

|                                    |   |
|------------------------------------|---|
| Availability of Documentation      | Agency maintains list of manufacturers of certified tanks by type.  |
| Obligations of Manufacturer/Vendor | Manufacturer must maintain design control and submit design changes for approval.   |
| Enforcement                        | Marketing ban (also extends to distributors).   |
| Term                               | Retest; user/owner to arrange for documented visual inspection at 2 1/2 year intervals; valves and pressure relief devices must be retested at 2 1/2 year intervals; and complete tank must be hydrotested every 5 years. |
| Reciprocity                        | Other federal agencies.<br>State agencies.<br>Private sector organizations.<br>Canadian government.   |
| Standards, Codes or Regulations    | Agency integrates standards of other organizations into the program.  |
| Keywords                           | hazardous materials; hydrotesting; portable tanks; pressure relief devices; quality control; safety valves; transportation  |



|                      |  |
|----------------------|--|
| Products or Services | Refrigerated Vehicles and Refrigeration Units  |
| Department/Agency    | U.S. Department of Agriculture<br>Office of Transportation<br>ATP Manager<br>Washington, D.C. 20250-4500<br>Telephone: (202) 653-6275<br>Telex: 89491<br>FAX: (202) 653-6327   |
| Initiated            | 1986   |
| Compliance           | Mandatory only for equipment transporting perishable foodstuffs between countries in Europe, when the receiving country is a contracting party to the Agreement on the International Carriage of Perishable Foodstuffs Act and on the Special Equipment To Be Used for Such Carriage (ATP). Transport operations involving a movement of more than 150 km by sea are exempt. The Agreement does not apply to carriage in the U.S. or any of its territories. |
| Authority            | 7 CFR Part 3300 and the International Carriage of Perishable Foodstuffs Act of 1982, P.L. 97-325.  |
| Aim                  | The Agreement was developed by the Economic Commission for Europe, of which the U.S. is a member, to improve the conditions of preservation of perishable foodstuffs during their carriage, particularly in international trade.   |
| Benefits             | The objective of U.S. participation in the Agreement are to protect and expand trade in perishable foodstuffs transported in U.S. equipment to Europe and improve the sale of U.S. made equipment.   |
| Agency Function      | Certifier and program administrator.   |
| Type of Program      | Inspection, testing and certification of equipment.  |

|   |  |
|---|--|
| Methodology                               | Manufacturer's guarantee that serially-produced equipment conforms to the reference equipment which has been tested. Agency approves test facilities, audits inspections and testing, and provides ATP certificates.   |
| Testing                                   | Agency approves and monitors test facilities.  |
| Inspection                                | Provides for self-inspection of equipment in service by U.S. owners based on reference tests in approved test facilities. Agency issues U.S. ATP certificates based on statements and reports of the owners and the test facilities.                                     |
| Conformity<br>Identification              | Approved equipment requires an authorized ATP certification plate and distinguishing mark along with a manufacturers plate.  |
| Availability<br>of Documentation          | Lists of approved test facilities and fees for certificates can be obtained from the ATP Manager at the above address. Copies of the Agreement, the Act, and the Senate Report, and 7 CFR Part 3300 are also available.  |
| Obligations of the<br>Manufacturer/Vendor | Approved test facilities must be open to the public, maintain test records for three years, and permit the ATP Manager to review records and observe tests. Owners of equipment with U.S. ATP certificates have the responsibility to maintain equipment in good repair. |
| Enforcement                               | Delisting of test stations, laboratories, and certificates.  |
| Term                                      | Approval of test stations and laboratories is good for 5 years. Certificates for new equipment are good for 6 years. Renewal certificates are good for 6 years with a test. Renewals or transfers with an inspection are good for 3 years minimum.                       |
| Reciprocity                               | U.S. ATP certificates are recognized by the 21 countries that are contracting parties to the Agreement under a reciprocal arrangement.   |

**Standards, Codes  
or Regulations**

The Agreement and 7 CFR 3300 define all the acceptance criteria.

**Keywords**

containers; food; frozen food; international agreement; rail cars; refrigerated; refrigeration units; trailers; transportation





**SECTION X**  
**MISCELLANEOUS PRODUCTS AND SERVICES**



SECTION X  
MISCELLANEOUS PRODUCTS AND SERVICES  
INDEX

| <u>REFERENCES IN THIS SECTION</u>                       | <u>PAGE</u> |
|---|-------------|
| AIR AND WATER TREATMENT FACILITIES.....                 | 223         |
| BREATH ALCOHOL TESTERS AND THEIR CALIBRATION UNITS..... | 225         |
| HAZARDOUS HOUSEHOLD SUBSTANCES.....                     | 227         |
| <br><u>REFERENCES IN OTHER SECTIONS</u>                 |             |
| DRINKING WATER.....                                     | 65          |
| EQUIPMENT AND MATERIALS USED IN THE WORKPLACE.....      | 171         |
| PESTICIDE APPLICATORS, PRIVATE AND COMMERCIAL.....      | 67          |





|                               |  |
|-------------------------------|--|
| Products or Services          | Air and Water Treatment Facilities<br>(CHANGES IN THE TAX LAW HAVE ENDED THE NEED FOR THIS CERTIFICATION)  |
| Department/Agency             | Environmental Protection Agency (EPA)<br><br>Contact Appropriate Regional Administrator. Regional Administrators located in Boston, MA; New York, NY; Philadelphia, PA; Atlanta, GA; Chicago, IL; Dallas, TX; Kansas City, KS; Denver, CO; San Francisco, CA; and Seattle, WA. |
| Initiated                     | 1976   |
| Compliance                    | Voluntary  |
| Authority                     | 40 CFR Part 20.  |
| Aim                           | To identify facilities which reduce air or water pollution for the purpose of qualifying for investment tax credit.  |
| Benefits                      | Increased investment by industries in pollution abatement equipment and facilities.  |
| Agency Function               | Certifier; some states also perform a parallel function for local tax purposes.  |
| Type of Program               | Tax incentive program.   |
| Methodology                   | Government design approval.  |
| Testing                       | No testing.  |
| Inspection                    | No inspection.   |
| Conformity Identification     | Lists of certified facilities maintained by state certifying agencies and EPA Regional Offices.  |
| Availability of Documentation | Lists from states and EPA Regional Offices.  |

|                                       |   |
|---------------------------------------|---|
| Obligations of<br>Manufacturer/Vendor | Facilities must submit plans for review whenever<br>modifications are made.   |
| Enforcement                           | Delisting.  |
| Term                                  | Indefinite term.  |
| Reciprocity                           | No reciprocity.   |
| Standards, Codes,<br>or Regulations   | EPA defines acceptance criteria.  |
| Keywords                              | air quality; depreciation; investment tax credit; pollution<br>control; waste heat removal; waste water treatment; water<br>quality |

|                      |  |
|----------------------|--|
| Products or Services | Breath Alcohol Testers and Their Calibration   |
| Department/Agency    | U.S. Department of Transportation (DOT)<br>National Highway Traffic Safety Administration (NHTSA)<br>Office of Alcohol and State Programs<br>Alcohol Programs Division, (NTS-21)<br>400 Seventh Street, SW<br>Room 5130<br>Washington, D.C. 20590<br>(202) 366-9581  |
| Initiated            | 1984   |
| Compliance           | Voluntarily adopted by states and local jurisdictions. Manufacturers voluntarily submit testers for evaluation and listing.  |
| Authority            | 23 USC 402 and 49 CFR Part 1.50.   |
| Aim                  | Assist states and local communities by providing a centralized qualification test program for breath-testing devices designed to collect evidence in law enforcement programs.   |
| Benefits             | States have adopted the NHTSA model specification for evidential breath testers and a calibration unit developed by the National Bureau of Standards (NBS). This qualification program enables states and local jurisdictions to buy equipment that has demonstrated compliance with these model specifications. They avoid the cost of individual tests and use equipment that is rugged and reliable and bears the scrutiny of challenges in court cases. Manufacturers benefit in not having to arrange for individual tests in numerous jurisdictions. |
| Agency Function      | Certifier.   |
| Type of Program      | Qualification testing.   |
| Methodology          | Government testing.  |
| Testing              | Testing is accomplished by the DOT Systems Center.   |

|  |  |
|--|--|
| Conformity Identification              | Qualified manufacturers are listed on a Conforming Products List (CPL).  |
| Availability of Documentation          | Model specifications and CPL's are published in the Federal Register; 49 FR 48854. Currently thirteen manufacturers of breath measurement devices are listed. Four of these are foreign suppliers. |
| Obligations of the Manufacturer/Vendor | Manufacturers must submit a unit for testing.  |
| Term                                   | Indefinite.  |
| Standards, Codes or Regulations        | Acceptance criteria have been developed by NHTSA in collaboration with NBS.  |
| Keywords                               | alcohol; analysis; blood alcohol; breath alcohol; calibration; highway safety; law enforcement; legal evidence; tester   |



|                           |  |
|---------------------------|--|
| Products or Services      | Hazardous Household Substances<br>(Chemicals which are toxic, corrosive, flammable irritating, radioactive or pressure-generating, and devices which are used with these chemicals and may injure intended users.) |
| Department/Agency         | Consumer Product Safety Commission (CPSC)<br>Office of the General Counsel<br>5401 Westbard Avenue, Room 200<br>Bethesda, MD 20207<br>(202) 492-6980   |
| Initiated                 | July 1960  |
| Compliance                | Mandatory  |
| Authority                 | P.L. 96-613 as amended by the Poison Prevention Packaging Act, P.L. 91-601.  |
| Aim                       | To reduce the risk of injury to all intended users of designated substances and devices.   |
| Benefits                  | Informative labeling is now in effect and selected products have been banned.  |
| Agency Function           | Program administrator.   |
| Type of Program           | Pre-marketing evaluation.  |
| Methodology               | Government approval of labeling information to be provided with designated hazardous substances.   |
| Testing                   | Manufacturer's lab.<br>Government labs.  |
| Inspection                | Government.  |
| Conformity Identification | Authorized mark or label by manufacturer.  |

|                                    |  |
|------------------------------------|--|
| Availability of Documentation      | List of banned hazardous substances may be obtained from CPSC.   |
| Obligations of Manufacturer/Vendor | Carriers must keep records of interstate shipment of designated substances.  |
| Enforcement                        | Marketing ban.<br>Product recall.  |
| Term                               | Indefinite term.   |
| Reciprocity                        | Approved labeling is recognized by other federal agencies, state governments, and private organizations.                 |
| Standards, Codes, or Regulations   | Criteria for designating substances as hazardous are prepared by the Commission.   |
| Keywords                           | banned products; corrosive; flammability; hazardous substances; irritant; misbranded substances; radioactivity; toxicity |

# INDEX BY PRODUCT OR SERVICE CERTIFIED

| <u>PRODUCT</u>   | <u>PAGE</u> |
|--|-------------|
| ACCREDITATION, LABORATORY .....                                | 123         |
| ACCREDITATION, LABORATORY FOR ALCOHOL ANALYSIS .....           | 127         |
| ACCREDITATION, LABORATORY FOR MEAT/POULTRY/FOOD ANALYSIS ..... | 125         |
| ACCREDITATION, LABORATORY, CLINICAL .....                      | 140         |
| ADDITIVE, COLOR .....  | 53          |
| ADHESIVES .....  | 117         |
| AFTERMARKET PARTS .....  | 191         |
| AGRICULTURAL SAFETY .....                                      | 171         |
| AIR CONDITIONERS, CENTRAL .....                                | 75          |
| AIR CONDITIONERS, ROOM .....                                   | 75          |
| AIR SAMPLERS .....   | 161         |
| AIR TAXI OPERATORS .....                                       | 177         |
| AIR TREATMENT FACILITIES .....                                 | 223         |
| AIRCRAFT .....   | 177         |
| AIRCRAFT ENGINES .....   | 177         |
| AIRCRAFT REPAIR .....  | 177         |
| AIRPORTS .....   | 177         |
| ALARMS, SHIP .....   | 187         |
| ALCOHOL ANALYSIS BY LABORATORIES .....                         | 127         |
| ALCOHOL TESTERS, BREATH .....                                  | 225         |
| AMBULATORY SURGICAL CENTERS .....                              | 141         |
| ANIMAL BIOLOGICAL PRODUCTS .....                               | 31          |
| ANIMAL DISEASE .....   | 29          |
| ANIMAL DRUGS .....   | 63          |
| ANIMAL FEED .....  | 63          |
| ANIMAL PRODUCTS .....  | 27, 37      |
| ANIMALS FOR EXPORT .....                                       | 37          |
| ANIMALS FOR IMPORT .....                                       | 39          |
| ANTIBIOTICS .....  | 147         |
| APPAREL, WEARING .....   | 83          |
| APPLIANCE LABELING .....                                       | 77          |
| APPLIANCES .....   | 75          |
| APPLICATORS OF PESTICIDE .....                                 | 67          |
| AUTHENTICATION DEVICES, ELECTRONIC FUND TRANSFER .....         | 105         |
| AUTOMOBILE EMISSIONS .....                                     | 191, 193    |
| AUTOMOBILE ENGINES .....                                       | 193         |
| AUTOMOBILE PARTS AND EQUIPMENT .....                           | 191         |
| AUTOMOBILE DRIVING AIDS .....                                  | 151         |
| AUTOMOTIVE SAFETY .....  | 195         |
| AVIATION .....   | 177         |
| AVIATION WEATHER OBSERVERS .....                               | 181         |
| AVIONICS .....   | 177         |
| BATHTUBS, PLASTIC .....  | 91          |
| BATTERY POWERED MINING EQUIPMENT .....                         | 167         |
| BEANS .....  | 43          |
| BEDDING .....  | 83          |
| BEEF .....   | 7           |
| BINS, GRAIN .....  | 45          |



| <u>PRODUCT</u>                                  | <u>PAGE</u>        |
|---|--------------------|
| BIOLOGICAL PRODUCTS, ANIMAL .....               | 31                 |
| BIRDS, GAME .....                               | 49                 |
| BIVALVES .....                                  | 57                 |
| BOATS, RECREATIONAL .....                       | 185, 187           |
| BREATH ALCOHOL TESTERS .....                    | 225                |
| BREATHING APPARATUS .....                       | 161                |
| BROADCAST EQUIPMENT .....                       | 101                |
| BUFFALO MEAT .....                              | 49                 |
| BUILDING CONSTRUCTION SAFETY .....              | 171                |
| BUILDING PRODUCTS .....                         | 91                 |
| BUTTER .....                                    | 11                 |
| BUSSES, SCHOOL .....                            | 195                |
| BUTTER .....                                    | 11                 |
| CABINETS, FILING .....                          | 117                |
| CABLE TV EQUIPMENT .....                        | 101                |
| CALF .....                                      | 7                  |
| CALIBRATION, INSTRUMENT .....                   | 129                |
| CARGO CONTAINERS .....                          | 189                |
| CARGO HANDLING EQUIPMENT, MARITIME .....        | 183                |
| CARPET .....                                    | 91                 |
| CHEESE .....                                    | 11                 |
| CHEMICALS, HAZARDOUS .....                      | 227                |
| CHEMICALS, PESTICIDES.....                      | 67                 |
| CIGARETTES .....                                | 69                 |
| CITIZEN BAND RADIOS .....                       | 101                |
| CLAMS .....                                     | 57                 |
| CLINICAL LABORATORIES .....                     | 141                |
| CLOTHES DRYERS .....                            | 75                 |
| CLOTHES, FLAMMABILITY OF .....                  | 83                 |
| CLOTHES WASHERS.....                            | 75                 |
| CLOTHING .....                                  | 83                 |
| COAL DUST SAMPLERS .....                        | 161                |
| COLLISION AVOIDANCE SYSTEMS .....               | 187                |
| COLOR ADDITIVES .....                           | 53                 |
| COMMUNICATIONS EQUIPMENT, RURAL TELEPHONE ..... | 99                 |
| COMMUNICATIONS SECURITY .....                   | 105                |
| COMPASSES, GYRO .....                           | 187                |
| COMPRESSORS, MINING .....                       | 167                |
| COMPUTER INTERFACES .....                       | 105, 109           |
| COMPUTER PERIPHERALS .....                      | 101                |
| COMPUTERS .....                                 | 101                |
| CONSTRUCTION PRODUCTS .....                     | 91                 |
| CONSTRUCTION SAFETY.....                        | 171                |
| CONSUMER PRODUCTS .....                         | 81                 |
| CONTAINERS FOR HAZARDOUS MATERIALS .....        | 201, 205, 211, 213 |
| CONTAINERS FOR RADIOACTIVE MATERIALS .....      | 203, 207           |
| CONTAINERS, SHIPPING.....                       | 189, 205           |
| CONTROL TOWER OPERATORS .....                   | 177                |
| COTTON, RAW .....                               | 9                  |
| COUPLERS, RAILWAY TANK CARS .....               | 197                |
| CRAFTS, INDIAN .....                            | 85                 |
| CRANES .....                                    | 183                |



| <u>PRODUCT</u>  | <u>PAGE</u> |
|---|-------------|
| CYLINDERS FOR HAZARDOUS MATERIALS .....               | 201         |
| DAIRY PRODUCTS .....                                  | 11          |
| DATA PROCESSING INTERFACES .....                      | 105, 109    |
| DEPTH INDICATORS, MARINE.....                         | 187         |
| DERRICKS .....  | 183         |
| DEVICES, MEDICAL .....                                | 149         |
| DIESEL ENGINES, AUTOMOTIVE.....                       | 193         |
| DIESEL EQUIPMENT FOR MINING .....                     | 165         |
| DISHWASHERS .....                                     | 75          |
| DISPATCHERS, AIRCRAFT .....                           | 177         |
| DIVING SAFETY .....                                   | 171         |
| DOORS, PATIO, STORM AND SLIDING GLASS .....           | 91          |
| DOORS, VAULT .....                                    | 117         |
| DRILLING, OFFSHORE .....                              | 163         |
| DRINKING WATER .....                                  | 65          |
| DRIVING AIDS, AUTOMOTIVE .....                        | 151         |
| DRUGS FOR ANIMALS .....                               | 63          |
| DRUGS FOR HUMANS .....                                | 145, 147    |
| DUST SAMPLERS .....                                   | 161         |
| DRYERS, CLOTHES .....                                 | 75          |
| EFT .....   | 105         |
| EGGS AND EGG PRODUCTS .....                           | 19          |
| ELECTRICAL EQUIPMENT AND COMPONENTS .....             | 101         |
| ELECTRICAL EQUIPMENT FOR MINING .....                 | 167         |
| ELECTRICAL SYSTEMS, RURAL .....                       | 99          |
| ELECTRONIC EQUIPMENT AND COMPONENTS .....             | 101         |
| ELECTRONIC FUND TRANSFER AUTHENTICATION DEVICES ..... | 105         |
| ELECTRONIC RADIATION .....                            | 107         |
| ELEVATORS, GRAIN.....                                 | 45          |
| EMISSIONS, AUTO .....                                 | 191         |
| ENGINES, AIRCRAFT .....                               | 177         |
| ENGINES, GASOLINE & DIESEL, AUTOMOTIVE.....           | 193         |
| EXHAUST EMISSIONS .....                               | 191         |
| FABRICS .....   | 83          |
| FACE PIECES .....                                     | 161         |
| FANS FOR MINING .....                                 | 167         |
| FEED, ANIMAL .....                                    | 63          |
| FILING CABINETS .....                                 | 117         |
| FILL OF CONTAINER .....                               | 55          |
| FIRE PROTECTION .....                                 | 171, 185    |
| FIREPLACE, STOVES .....                               | 91          |
| FISH, PROCESSED .....                                 | 51          |
| FISSILE MATERIAL PACKAGING .....                      | 203, 207    |
| FLAMMABILITY OF FABRICS .....                         | 83          |
| FLIGHT CREW .....                                     | 177         |
| FLIGHT INSTRUCTORS .....                              | 177         |
| FOOD .....  | 55          |
| FOOD ANALYSIS, LABORATORY ACCREDITATION FOR .....     | 125         |
| FOOD FOR ANIMALS .....                                | 63          |
| FOOD FOR INFANTS .....                                | 55, 59      |
| FOOD INSPECTION PERSONNEL .....                       | 61          |
| FOOD, TRANSPORTATION OF PERISHABLE .....              | 215         |

| <u>PRODUCT</u>                                     | <u>PAGE</u>        |
|--|--------------------|
| FORMULA, INFANT .....                              | 55, 59             |
| FREEZERS .....                                     | 75                 |
| FRUIT, FRESH .....                                 | 13                 |
| FRUIT, PROCESSED .....                             | 15                 |
| FUNGICIDE APPLICATORS .....                        | 67                 |
| FURNACES .....                                     | 75                 |
| FURNISHINGS .....                                  | 83                 |
| GAME BIRDS .....                                   | 49                 |
| GAS MASKS .....                                    | 161                |
| GASOLINE ENGINES, AUTOMOTIVE.....                  | 193                |
| GLASS, SEALED INSULATING .....                     | 91                 |
| GOVERNMENT PROCUREMENT .....                       | 109, 115, 117      |
| GRAIN AND GRAIN PRODUCTS .....                     | 43                 |
| GRAIN INSPECTION AND WEIGHING .....                | 45                 |
| GRAIN MEASURING SYSTEMS .....                      | 131                |
| GSA PROCUREMENT .....                              | 117                |
| GUARDING, MACHINE .....                            | 169                |
| HANDICAPPED DEVICES/AIDS .....                     | 149, 151, 153      |
| HANDICRAFTS, INDIAN .....                          | 85                 |
| HAZARDOUS FLUIDS, PIPELINES FOR .....              | 209                |
| HAZARDOUS MATERIALS, CONTAINERS & PACKAGING .....  | 201, 205, 211, 213 |
| HAZARDOUS SUBSTANCES .....                         | 227                |
| HEALTH CARE FACILITY .....                         | 141                |
| HEALTH CARE PROVIDERS .....                        | 141                |
| HEALTH CLINICS, RURAL .....                        | 141                |
| HEATERS, POOL .....                                | 75                 |
| HEATERS, SOLID FUEL TYPE .....                     | 91                 |
| HEATERS, WATER .....                               | 75                 |
| HEATING EQUIPMENT, DIRECT .....                    | 75                 |
| HELIPORTS .....                                    | 177                |
| HERBICIDES APPLICATORS .....                       | 67                 |
| HOME HEALTH AGENCIES .....                         | 141                |
| HOSPICES .....                                     | 141                |
| HOSPITALS .....                                    | 141                |
| HOUSEHOLD PRODUCTS .....                           | 81                 |
| HOUSING, MANUFACTURED .....                        | 93                 |
| ILLUMINATION, MINE .....                           | 167                |
| INDIAN HANDICRAFTS .....                           | 85                 |
| INDUSTRIAL SAFETY .....                            | 169                |
| INFANT FORMULA .....                               | 55, 59             |
| INPUT/OUTPUT CHANNEL INTERFACES .....              | 105, 109           |
| INSECTICIDE APPLICATORS .....                      | 67                 |
| INSPECTORS, FOOD .....                             | 61                 |
| INSTRUMENTS, MEASURING, CALIBRATION OF .....       | 129                |
| INSULATING GLASS, SEALED .....                     | 91                 |
| INSULIN .....                                      | 145                |
| INTERFACES, INFORMATION PROCESSING EQUIPMENT ..... | 105, 109           |
| INTERMEDIATE CARE FACILITIES .....                 | 141                |
| JEWELRY, INDIAN .....                              | 85                 |
| JOB SAFETY .....                                   | 171                |
| LABELING, APPLIANCE .....                          | 77                 |
| LABELING, FOOD .....                               | 55                 |



| <u>PRODUCT</u>  | <u>PAGE</u>   |
|---|---------------|
| LABORATORIES, CLINICAL .....                                  | 155           |
| LABORATORIES, CLINICAL INTERSTATE LICENSED .....              | 141           |
| LABORATORIES, INDEPENDENT .....                               | 141           |
| LABORATORIES, NUCLEAR MEDICINE .....                          | 155           |
| LABORATORY ACCREDITATION .....                                | 123           |
| LABORATORY ACCREDITATION FOR ALCOHOL ANALYSIS .....           | 127           |
| LABORATORY ACCREDITATION FOR MEAT/POULTRY/FOOD ANALYSIS ..... | 125           |
| LAMB .....  | 7             |
| LAMPS, MERCURY VAPOR .....                                    | 107           |
| LAMPS, SUN .....  | 107           |
| LASERS .....  | 107           |
| LAVATORIES, PLASTIC .....                                     | 91            |
| LENTILS .....   | 43            |
| LIFE SAVING EQUIPMENT, MARINE .....                           | 185           |
| LIFTS, WHEELCHAIR .....                                       | 151           |
| LIGHTING, MINE .....  | 167           |
| LIGHTS, REAR END, RAILWAY TRAINS .....                        | 199           |
| LIVESTOCK .....   | 37, 39        |
| LOAD CELLS, GRAIN.....  | 45            |
| LONGSHORING SAFETY .....                                      | 171, 183      |
| LUMBER .....  | 91            |
| MACHINERY SAFETY, PRESENCE SENSING DEVICES .....              | 169           |
| MANUFACTURED HOUSING AND COMPONENTS .....                     | 93            |
| MARINE POLLUTION EQUIPMENT .....                              | 163, 185      |
| MARINE SAFETY EQUIPMENT .....                                 | 171, 185, 187 |
| MARINE SHIPPING CONTAINERS .....                              | 189, 205      |
| MARINE TERMINAL SAFETY .....                                  | 171, 183      |
| MARINE TRANSMITTER .....                                      | 101           |
| MARITIME CARGO HANDLING EQUIPMENT .....                       | 183           |
| MATERIALS HANDLING EQUIPMENT .....                            | 183           |
| MEASURING INSTRUMENT CALIBRATION .....                        | 129           |
| MEASURING INSTRUMENTS, COMMERCIAL .....                       | 135           |
| MEASURING SYSTEMS, GRAIN .....                                | 131           |
| MEAT .....  | 7, 35, 47, 49 |
| MECHANICAL GUARDING .....                                     | 169           |
| MECHANICS, AIRCRAFT .....                                     | 177           |
| MEDICAL DEVICES AND EQUIPMENT .....                           | 149           |
| MEDICAL LABORATORY TESTS .....                                | 155           |
| MEDICAL ELECTRONICS .....                                     | 101           |
| MEDICAL EXAMINERS, AVIATION .....                             | 177           |
| MEDICAL SERVICES .....  | 171           |
| MEDICARE CERTIFICATION .....                                  | 141           |
| MERCURY VAPOR LAMPS .....                                     | 107           |
| MICROWAVE COMMUNICATIONS EQUIPMENT .....                      | 99, 101       |
| MICROWAVE OVENS .....   | 107           |
| MILITARY COMPONENTS AND SYSTEMS .....                         | 115           |
| MILK .....  | 11, 35        |
| MINING EQUIPMENT, DIESEL POWERED .....                        | 165           |
| MINING EQUIPMENT, ELECTRICAL .....                            | 167           |
| MINING EQUIPMENT, PROTECTIVE .....                            | 161           |
| MOTORCYCLES .....   | 193           |
| MOTOR VEHICLE ENGINES .....                                   | 193           |

| <u>PRODUCT</u>  | <u>PAGE</u>            |
|---|------------------------|
| MOTOR VEHICLES .....  | 195                    |
| MOTOR VEHICLES, USED .....                                    | 195                    |
| MOTORIZED WHEELCHAIRS .....                                   | 153                    |
| MUSSELS .....   | 57                     |
| NATIVE AMERICAN HANDICRAFTS .....                             | 85                     |
| NAVAL EQUIPMENT .....   | 171, 183, 185          |
| NAVAL STORES .....  | 17                     |
| NAVIGATIONAL FACILITIES, AIR .....                            | 177                    |
| NAVIGATIONAL AIDS, MARINE .....                               | 187                    |
| NUCLEAR MEDICINE LABORATORIES .....                           | 155                    |
| NUCLEAR PACKAGES AND CONTAINERS .....                         | 203                    |
| NURSING FACILITIES .....                                      | 141                    |
| NUTS .....  | 13                     |
| NVLAP .....   | 123                    |
| OBSERVER, WEATHER .....                                       | 181                    |
| OFFSHORE DRILLING .....                                       | 163                    |
| ORGANISMS .....   | 29                     |
| OVENS .....   | 75                     |
| OYSTERS .....   | 57                     |
| PACKAGES FOR RADIOACTIVE MATERIALS .....                      | 203, 207               |
| PACKAGING FOR HAZARDOUS MATERIALS .....                       | 201, 205               |
| PADLOCKS .....  | 117                    |
| PAINTS .....  | 117                    |
| PARACHUTE RIGGERS .....                                       | 177                    |
| PARACHUTE SCHOOLS .....                                       | 177                    |
| PATHOLOGY TESTS .....   | 155                    |
| PEAS, WHOLE AND SPLIT .....                                   | 43                     |
| PERISHABLE FOOD TRANSPORTATION .....                          | 215                    |
| PESTICIDE APPLICATORS .....                                   | 67                     |
| PESTICIDES, RESPIRATORS FOR .....                             | 161                    |
| PET FOOD .....  | 49, 63                 |
| PHYSICAL THERAPY .....  | 141                    |
| PILOTS .....  | 177                    |
| PIPE ASSEMBLERS, PLASTIC .....                                | 209                    |
| PIPELINES .....   | 209                    |
| PLANTS AND UNPROCESSED PLANT PRODUCTS .....                   | 23, 25                 |
| PLASTIC PIPE .....  | 209                    |
| POLLUTION CONTROL SAFETY VALVES .....                         | 163                    |
| POLLUTION CONTROL BY AUTOMOBILES .....                        | 191, 193               |
| POLLUTION CONTROL BY SHIPS AND BOATS .....                    | 185                    |
| POOL HEATERS .....  | 75                     |
| PORK .....  | 7                      |
| POULTRY AND POULTRY PRODUCTS .....                            | 19, 35, 37, 39, 47, 49 |
| POULTRY FOR EXPORT .....                                      | 37                     |
| POULTRY FOR IMPORT .....                                      | 39                     |
| PRESENCE SENSING DEVICE INITIATION (PSDI) .....               | 169                    |
| PRESSES, MECHANICAL POWER, PRESENCE SENSING DEVICES FOR ..... | 169                    |
| PRESSURE-LIMITING DEVICES .....                               | 209                    |
| PRESSURE RELIEF DEVICES .....                                 | 211, 213               |
| PROCUREMENT, GOVERNMENT .....                                 | 109, 115, 117          |
| PROPELLERS .....  | 177                    |
| PROSTHETIC AIDS .....   | 149, 151, 153          |



| <u>PRODUCT</u>                                     | <u>PAGE</u>        |
|--|--------------------|
| PULSES .....                                       | 43                 |
| PUMPS, MINING .....                                | 167                |
| QUALIFIED PRODUCTS LISTS .....                     | 115, 117           |
| RABBITS .....                                      | 19, 49             |
| RADAR PLOTTING AIDS .....                          | 187                |
| RADIO FREQUENCY DEVICES .....                      | 93                 |
| RADIO SERVICES .....                               | 93                 |
| RADIO TELEPHONE, RURAL .....                       | 99                 |
| RADIOACTIVE MATERIAL PACKAGES AND CONTAINERS ..... | 203, 207           |
| RADIOACTIVE SUBSTANCES .....                       | 207                |
| RADIOS, CITIZEN BAND.....                          | 101                |
| RAILWAY CARS, REFRIGERATED .....                   | 197                |
| RAILWAY TANK CARS .....                            | 197                |
| RAILWAY TRAIN REAR END MARKING DEVICES .....       | 199                |
| RANGES, KITCHEN .....                              | 75                 |
| REAR END MARKING DEVICES FOR TRAINS .....          | 199                |
| RECEIVERS, RADIO .....                             | 101                |
| RECEIVERS, TELEVISION .....                        | 101, 107           |
| RECREATIONAL BOATS .....                           | 185                |
| REFLECTORS, RAILWAY TRAINS .....                   | 199                |
| REFRIGERATED RAILWAY CARS .....                    | 197                |
| REFRIGERATED VEHICLES .....                        | 215                |
| REFRIGERATION UNITS .....                          | 215                |
| REFRIGERATOR-FREEZERS .....                        | 75                 |
| REFRIGERATORS, HOUSEHOLD .....                     | 75                 |
| REHABILITATION FACILITIES .....                    | 141                |
| REINDEER .....                                     | 49                 |
| RESPIRATORS .....                                  | 161                |
| RICE .....   | 43                 |
| RODENTICIDE APPLICATORS .....                      | 67                 |
| ROPE, WIRE .....                                   | 183                |
| ROSIN .....  | 17                 |
| RURAL ELECTRIC AND TELEPHONE SYSTEMS .....         | 99                 |
| SAFES .....  | 117                |
| SAFETY & RELIEF VALVES .....                       | 163, 209, 211, 213 |
| SAFETY EQUIPMENT .....                             | 117, 161, 169, 171 |
| SCALES .....                                       | 135                |
| SCALES, GRAIN .....                                | 45, 131            |
| SCHOOL BUSES .....                                 | 195                |
| SCHOOL PRODUCTS .....                              | 81                 |
| SEAFOOD, FRESH AND FROZEN .....                    | 57                 |
| SEAFOOD, PROCESSED .....                           | 51                 |
| SELF-PROPELLED WHEELCHAIRS .....                   | 153                |
| SENSING DEVICE, PRESENCE .....                     | 169                |
| SHELLFISH, FRESH AND FROZEN .....                  | 57                 |
| SHELLFISH, PROCESSED .....                         | 51                 |
| SHIP SAFETY .....                                  | 185                |
| SHIPBOARD NAVIGATION AIDES .....                   | 187                |
| SHIPPING CONTAINERS .....                          | 189, 205           |
| SHIPS, RECREATIONAL .....                          | 185, 187           |
| SHIPYARD SAFETY .....                              | 171, 183           |
| SHOWER RECEPTORS AND STALL, PLASTIC .....          | 91                 |

| <u>PRODUCT</u>                                       | <u>PAGE</u>        |
|--|--------------------|
| SHUTTLE CARS, MINING .....                           | 167                |
| SOUNDING DEVICES, MARINE DEPTH .....                 | 187                |
| SPEECH PATHOLOGY SERVICES .....                      | 141                |
| SPEED INDICATORS, MARINE .....                       | 187                |
| SPIRITS ANALYSIS, LABORATORY ACCREDITATION FOR ..... | 127                |
| STEERING APPARATUS, MARINE .....                     | 187                |
| STOVES, FIREPLACE .....                              | 91                 |
| SUNLAMPS .....                                       | 107                |
| SURGICAL CENTERS, AMBULATORY .....                   | 141                |
| TANK CARS, RAILWAY .....                             | 197                |
| TANKS, PORTABLE FOR HAZARDOUS MATERIALS .....        | 205, 213           |
| TANKS FOR HAZARDOUS MATERIALS .....                  | 211, 213           |
| TELEPHONE EQUIPMENT .....                            | 101                |
| TELEPHONE SYSTEMS, RURAL .....                       | 99                 |
| TOBACCO AND TOBACCO PRODUCTS .....                   | 17, 69             |
| TOILETS, PLASTIC .....                               | 91                 |
| TRAILERS, REFRIGERATED .....                         | 215                |
| TRANSMITTERS .....                                   | 101                |
| TRANSPORTERS .....                                   | 165                |
| TRUCKS .....   | 195                |
| TURPENTINE .....                                     | 17                 |
| TV EQUIPMENT, CABLE .....                            | 101                |
| TV RECEIVERS .....                                   | 107                |
| ULTRASONIC THERAPY EQUIPMENT .....                   | 107                |
| VALVES, SAFETY .....                                 | 163, 209, 211, 213 |
| VAULT DOORS .....                                    | 117                |
| VEAL .....   | 7                  |
| VECTORS .....  | 29                 |
| VEGETABLES, FRESH .....                              | 13                 |
| VEGETABLES, PROCESSED .....                          | 15                 |
| VEHICLE EMISSIONS .....                              | 191                |
| VEHICLES, NEW AND USED MOTOR .....                   | 195                |
| VENTILATORS, MINE .....                              | 165                |
| VENTILATION .....                                    | 171                |
| VESSELS, COMMERCIAL .....                            | 185                |
| VESSELS, NAVIGATIONAL AIDS FOR .....                 | 187                |
| VETERANS ADMINISTRATION MEDICAL CENTER .....         | 155                |
| VETERINARY BIOLOGICAL PRODUCTS .....                 | 31                 |
| VETERINARY MEDICINE .....                            | 63                 |
| WASHING MACHINES, CLOTHES .....                      | 75                 |
| WASTE WATER TREATMENT .....                          | 223                |
| WATER CLOSET BOWLS AND TANKS, PLASTIC .....          | 91                 |
| WATER, DRINKING .....                                | 65                 |
| WATER HEATERS .....                                  | 75                 |
| WATER TREATMENT FACILITIES .....                     | 223                |
| WEARING APPAREL .....                                | 83                 |
| WEATHER OBSERVATION .....                            | 181                |
| WEIGHING SYSTEMS, COMMERCIAL .....                   | 135                |
| WEIGHING, GRAIN .....                                | 43                 |
| WELDERS, CERTIFIED.....                              | 197, 209           |
| WELDING .....  | 169                |
| WHEELCHAIR LIFTS .....                               | 151                |

| <u>PRODUCT</u>                                   | <u>PAGE</u> |
|--|-------------|
| WHEELCHAIRS, MOTORIZED AND SELF-PROPELLED .....  | 153         |
| WINDOWS .....                                    | 91          |
| WINE ANALYSIS LABORATORY ACCREDITATION FOR ..... | 127         |
| WIRE ROPE .....                                  | 183         |
| WORKPLACE EQUIPMENT .....                        | 171         |
| X-RAY EQUIPMENT .....                            | 107         |
| X-RAY SERVICES, PORTABLE .....                   | 141         |
| YACHTS .....                                     | 185, 187    |





# AGENCY INDEX BY ACRONYM

This index may be used by readers to learn what certification programs a particular agency operates when only the agency's acronym or other limited designation is known. Agencies are listed alphabetically by acronym/designation.

| <u>ACRONYM</u>                                  | <u>PAGE</u>                                |
|---|--|
| AMS/USDA.....                                   | 7, 9, 11, 13, 15, 17, 19                   |
| APHIS/USDA.....                                 | 23, 25, 27, 29, 31, 35, 37, 39             |
| BATF/TREASURY.....                              | 127  |
| BIA/DOI.....                                    | 85   |
| Coast Guard, DOT.....                           | 185, 187, 189                              |
| Conservation and Renewable Energy/DOE.....      | 75   |
| CPSC.....                                       | 81, 83, 227                                |
| Departmental Information Systems, TREASURY..... | 105  |
| DSPO/DOD.....                                   | 115  |
| EPA.....  | 65, 67, 191, 193, 223                      |
| FAA/DOT.....                                    | 177  |
| FCC.....  | 101  |
| FDA/DHHS.....                                   | 53, 55, 57, 59, 61, 63, 107, 145, 147, 149 |
| FGIS/USDA.....                                  | 43, 45, 131                                |
| FHA/HUD.....                                    | 91, 93                                     |
| FRA/DOT.....                                    | 199  |
| FSIS/USDA.....                                  | 47, 49, 125                                |
| FTC.....  | 69, 77                                     |
| GSA.....  | 117  |
| HCFA/DHHS.....                                  | 141  |
| MMS/DOI.....                                    | 163  |
| MSHA/DOI.....                                   | 165, 167                                   |
| NBS/DOC.....                                    | 109, 123, 129, 135                         |
| NHTSA/DOT.....                                  | 195, 225                                   |
| NIOSH/DHHS.....                                 | 161  |
| NOAA/DOC.....                                   | 51, 181                                    |
| NRC.....  | 203  |
| OSHA/DOL.....                                   | 169, 171, 183                              |
| OT/USDA.....                                    | 215  |
| REA/USDA.....                                   | 99   |
| RSPA/DOT.....                                   | 197, 201, 205, 207, 209, 211, 213          |
| VA.....   | 151, 153, 155                              |



## DEPARTMENT/AGENCY INDEX

This index may be used by readers to learn what certification programs a particular department and/or departmental agency operates when both the department and agency's names are known. Departments are listed alphabetically, followed by a listing of independent federal agencies.

### DEPARTMENT/INDEPENDENT AGENCY

### PAGE

#### DEPARTMENTS

##### DEPARTMENT OF AGRICULTURE

Agricultural Marketing Service.....7, 9, 11, 13, 15, 17, 19  
Animal and Plant Health Inspection Service.....23, 25, 27, 29, 31, 35, 37, 39  
Federal Grain Inspection Service.....43, 45, 131  
Food Safety and Inspection Service.....47, 49, 125  
Office of Transportation.....215  
Rural Electrification Administration.....99

##### DEPARTMENT OF COMMERCE

National Bureau of Standards.....109, 123, 129, 135  
National Oceanic and Atmospheric Administration.....51, 181

##### DEPARTMENT OF DEFENSE

Office of Standardization and Acquisition Support.....115

##### DEPARTMENT OF HEALTH AND HUMAN SERVICES

Food and Drug Administration.....53, 55, 57, 59, 61, 63, 107, 145, 147, 149  
Health Care Financing Administration.....141  
National Institute of Occupational Safety and Health.....161

##### DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT

Federal Housing Administration.....91, 93

##### DEPARTMENT OF THE INTERIOR

Bureau of Indian Affairs.....85  
Minerals Management Service.....163

##### DEPARTMENT OF LABOR

Mine Safety and Health Administration.....165, 167  
Occupational Safety and Health Administration.....169, 171, 183

##### DEPARTMENT OF TRANSPORTATION

Coast Guard.....185, 187, 189  
Federal Aviation Administration.....177  
Federal Railroad Administration.....199  
National Highway Traffic Safety Administration.....195, 225  
Research and Special Programs Administration.....197, 201, 205, 207, 209,  
211, 213

##### DEPARTMENT OF THE TREASURY

Bureau of Alcohol, Tobacco, and Firearms.....127  
Departmental Information Systems.....105

## INDEPENDENT AGENCIES

|   |                       |
|---|-----------------------|
| CONSUMER PRODUCT SAFETY COMMISSION..... | 81, 83, 227           |
| ENVIRONMENTAL PROTECTION AGENCY.....    | 65, 67, 191, 193, 223 |
| FEDERAL COMMUNICATIONS COMMISSION.....  | 101                   |
| FEDERAL TRADE COMMISSION.....           | 69, 77                |
| GENERAL SERVICES ADMINISTRATION.....    | 117                   |
| NUCLEAR REGULATORY COMMISSION.....      | 203                   |
| VETERANS ADMINISTRATION.....            | 151, 153, 155         |



# AGENCY INDEX

This index may be used by readers to learn what certification programs a particular agency operates when only the agency's name is known. Agency names are listed alphabetically.

| <u>DEPARTMENTAL/INDEPENDENT AGENCY</u>  | <u>PAGE</u>                       |
|---|-----------------------------------|
| Agricultural Marketing Service, USDA.....                                       | 7, 9, 11, 13, 15, 17, 19          |
| Animal and Plant Health Inspection Service, USDA.....                           | 23, 25, 27, 29, 31, 35, 37, 39    |
| Bureau of Alcohol, Tobacco, and Firearms, TREASURY.....                         | 127                               |
| Bureau of Indian Affairs, DOI.....  | 85                                |
| Coast Guard, DOT.....   | 185, 187, 189                     |
| Conservation and Renewable Energy/DOE.....                                      | 75                                |
| Consumer Product Safety Commission.....   | 81, 83, 227                       |
| Conservation and Renewable Energy/DOE.....                                      | 75                                |
| Departmental Information Systems, TREASURY.....                                 | 105                               |
| Environmental Protection Agency.....  | 65, 67, 191, 193, 223             |
| Federal Aviation Administration, DOT.....                                       | 177                               |
| Federal Communications Commission.....  | 101                               |
| Federal Grain Inspection Service, USDA.....                                     | 43, 45, 131                       |
| Federal Housing Administration, HUD.....  | 91, 93                            |
| Federal Railroad Administration, DOT.....                                       | 199                               |
| Federal Trade Commission.....   | 69, 77                            |
| Food and Drug Administration, DHHS...53, 55, 57, 59, 61, 63, 107, 145, 147, 149 |                                   |
| Food Safety and Inspection Service, USDA.....                                   | 47, 49, 125                       |
| General Services Administration.....  | 117                               |
| Health Care Financing Administration, DHHS.....                                 | 141                               |
| Mine Safety and Health Administration, DOI.....                                 | 165, 167                          |
| Minerals Management Service, DOI.....   | 163                               |
| National Bureau of Standards, DOC.....  | 109, 123, 129, 135                |
| National Highway Traffic Safety Administration, DOT.....                        | 195, 225                          |
| National Institute of Occupational Safety and Health, DHHS.....                 | 161                               |
| National Oceanic and Atmospheric Administration, DOC.....                       | 51, 181                           |
| Nuclear Regulatory Commission.....  | 203                               |
| Occupational Safety and Health Administration, DOL.....                         | 169, 171, 183                     |
| Office of Standardization and Acquisition Support, DOD.....                     | 115                               |
| Office of Transportation, USDA.....   | 215                               |
| Research and Special Programs Administration, DOT.....                          | 197, 201, 205, 207, 209, 211, 213 |
| Rural Electrification Administration, USDA.....                                 | 99                                |
| Veterans Administration.....  | 151, 153, 155                     |



Information Available From

Office of Standards Code and Information (OSCI)  
National Bureau of Standards  
Administration Building, Room A629  
Gaithersburg, MD 20899  
(301) 975-4040

o Directory of International and Regional Organizations Conducting Standards-Related Activities (NBS SP 649)

Directory contains information on 272 international and regional organizations which conduct standardization, certification, laboratory accreditation, or other standards-related activities. Volume describes their work in these areas, as well as the scope of each organization, national affiliations of members, U.S. participants, restrictions on membership, and the availability of any standards in English.

o Standards Activities of Organizations in the United States (NBS SP 681)

The directory summarizes the standardization activities of more than 750 organizations in the United States, including federal and state agencies and approximately 420 private sector groups that develop standards. It also contains listings of state procurement offices, sources of standards documents and information, a subject index and related listings that cover acronyms and initials, defunct bodies and organizations with name changes.

o Private Sector Product Certification Programs in the United States (NBS SP 703)

This directory presents information from 109 private sector organizations in the United States which engage in product certification activities. Entries describe the type and purpose of each organization, the nature of the activity, product certified, standards used, certification requirements, availability and cost of services, and other relevant details.

o Federal Government Certification Programs for Products and Services  
(NBS SP 714)

This directory presents information on 61 U.S. Government certification programs for products and services. Entries describe the scope and nature of each certification program, testing and inspection practices, standards used, methods of identification and enforcement, reciprocal recognition or acceptance of certification, and other relevant details.



o KWIC Index (Computer Output Microform (COM) produced)

The KWIC Index contains the titles of more than 25,000 U.S. voluntary product and engineering standards. A standard can be located by means of any significant or key word in the title. Key words are arranged alphabetically. A standard with five key words, for example, would therefore be listed in five different places. To purchase microfiche copies of the 1987 revision of the Index, contact the National Technical Information Service, 5285 Port Royal Road, Springfield, VA 22161; (703) 487-4600. Use order no. PB87-133377; cost \$18.00.

o tbt news

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

o Technical Barriers to Trade

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

o "GATT Standards Code Activities"

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

o Report to the United States Congress on the Agreement on Technical Barriers to Trade - "Standards Code"

This 2nd triennial report describes the programs and activities established to implement the Standards Code in the United States by the four responsible U.S. government agencies: Office of the U.S. Trade Representative; Department of Commerce (National Bureau of Standards, International Trade Administration); Department of Agriculture and Department of State.

o **Free Handout Material.** Handouts are available on ADIS, NCSCI and GATT activities, and standards-related information (such as government sources of specifications and standards, use of the KWIC index, foreign and international standards bodies, U.S. standards organizations, state purchasing offices). A NCSCI fact sheet and an ADIS publications list (bibliography) is also available.



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

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

- o **Assistance to U.S. and Foreign Exporters.** Current regulations and certification information for the manufacture of products in the U.S. for export are obtained from foreign countries. To aid foreign exporters, NCSCI provides directory information to state offices prepared to respond to queries concerning conditions to be met by goods for sale in their state, as well as standards and certification information for export to the U.S.



## APPENDIX II

### Information Available From

Publications Office  
U.S. Department of Agriculture  
Foreign Agricultural Service (FAS)  
14th & Independence Ave., S.W.  
Room 5074-South Building  
Washington, D.C. 20250-1000  
(202) 447-7937

#### o Food and Agricultural Export Directory

This directory is published by the High Value Products Division, FAS for firms engaged in exporting and marketing U.S. agricultural and food products. It provides up-to-date listings and brief descriptions of federal and state agencies, American embassy personnel abroad, trade associations, and related other organizations that offer services and advice in exporting and marketing U.S. agricultural and food products overseas.

#### o Agriculture's Emissaries Overseas

This directory lists the names, addresses, telexes and telephone numbers and descriptions of agricultural counselors and attaches overseas.

#### o U.S. Agricultural Trade Offices Overseas

This directory provides the names, addresses, telexes and telephone numbers and descriptions of FAS agricultural trade offices overseas.

#### o The U.S. Farmer's Export Arm

This publication describes services of the Foreign Agricultural Service designed to increase U.S. farm exports.

#### o Partners in Trade Promotion

This publication describes the market development cooperator program and lists participants.

#### o How to Get Information on Agricultural Trade

This publication contains a check list and forms to order export publications developed by the U.S. Department of Agriculture.

#### o FAS Reports

These are press releases announcing potential sales opportunities resulting from the extension of Commodity Credit Corporation (CCC) or P.L. 480 credit to foreign countries.

o Foreign Agriculture Magazine

This monthly magazine for U.S. business selling farm products overseas provides tips on how best to break into exporting, descriptions of the markets with the greatest sales potential, and export assistance available from the U.S. Department of Agriculture. These articles are generally accompanied by tables and graphs to let readers know at a glance what is going on overseas. Periodic special issues - such as one devoted to the export of value-added items - provide a more in-depth look at important segments of the overseas market. And every month short wrap-ups of foreign buying trends, new competitors and products, trade policy developments, and promotion activities going on around the world are highlighted.

o Foreign Agricultural Trade of the United States

This is a bimonthly statistical and analytical review of the U.S. agricultural trade.

o Foreign Agricultural Circulars

These periodic reports provide agricultural exporters with timely, reliable information on the needs of foreign buyers, changing consumer preferences, and the supply and demand situation in countries around the world. World agricultural information and updates on special FAS export services for the food and agricultural trade are highlighted in the circulars.

o Weekly Roundup of World Production and Trade

This report presents current news and statistics on various commodities, and a summary of recent developments in world production and trade. This report is available at no cost within the United States.

o World Crop Production

This monthly report provides the U. S. Department of Agriculture's estimates on the production of wheat, coarse grains, oilseeds, and cotton in major countries and selected regions of the world.

o The World Agricultural Transportation Report

This is a monthly publication on key transportation issues and developments related to agricultural exports.

o Ocean Liner Cargo Service Directory

A reference of ocean transportation services available to U.S. exporters.

o Export Handbook for U.S. Agricultural Exports, (No. #593)

This publication is provided by the U. S. Department of Agriculture, Office of Transportation. It gives guidelines on shipping, export packing, and transporting selected agricultural products.



o **Export Product Review Program (EPR).** The EPR program is a fee-based service which provides U. S. exporters and manufacturers of pre-packaged food products with advance information on the general and product specific regulations on product labeling, additive restrictions, ingredient requirements, and product standards for their product in a targeted foreign country. The product evaluation includes an in country review by local government officials to determine whether the product can be admitted or if approval might be given if certain changes were made. An indication of the product's marketability in the country completes the evaluation. For more information, contact: Audrey Talley, Export Product Review Program, HVPD/FAS, Room 4647-South, Washington, D. C. 20250-1000, Telephone: (202) 475-3408.

o **Agricultural Information and Marketing Services (AIMS).** The AIMS program functions as a liaison between American companies and foreign buyers to help identify market opportunities and promote U.S. agricultural and food products overseas. AIMS is a fee-based program offering the following services:

o Export Briefs

This weekly bulletin includes all trade leads processed by FAS each week. These trade leads are processed as they are received from abroad and disseminated through a direct mail service to interested U.S. suppliers. The Export Briefs is targeted toward export agents, trade associations, and companies interested in export opportunities for a wide variety of food and agricultural products. The bulletin also highlights upcoming trade shows and foreign trade developments.

An important feature of the Export Briefs bulletin is the USDA Technical Office's section on foreign countries' proposed changes in agricultural standards and regulations. Foreign countries who are signatories to the General Agreement on Technical Barriers to Trade (GATT) (also known as the Standards Code) are required to notify the GATT Secretariat of these changes and allow time for comments from other signatories on possible impacts on trade. Although the **USDA Technical Office** was established to inform and collect comments from interested parties on changes in agricultural standards by signatories to the Standards Code, this section in the Exports Briefs also includes information on changes in the regulations and standards of non-signatory countries. For more information on the USDA Technical Office, contact: Carolyn Wilson, USDA Technical Office, Building 1072, BARC-East, Beltsville, MD 20705, Telephone: (301) 344-2651

o Buyer Alert

This service goes a step beyond product introduction. It disseminates actual sales announcements from U.S. suppliers to foreign exporters in the leading value-added export markets for U.S. agricultural and food products.

o Contacts for U.S. Agricultural Products

This monthly newsletter for agricultural products assists American firms by introducing their food and agricultural products to foreign markets. Contacts are sent to FAS agricultural offices overseas for distribution to prospective foreign buyers. The newsletter is translated into Japanese, Spanish, French, Italian and Greek and mailed to thousands of buyers worldwide. Product announcements are included on a first-come, first-served basis.

o International Marketing Profiles

The AIMS program offers two series of International Marketing Profile reports - Product Marketing Profiles and Country Marketing Profiles. Both reports draw from the world's major statistical reporting services to present information and statistics on the trade of particular commodities and specific countries.

To receive information on these or other AIMS services, contact: AIMS, FAS/HVPD, Room 4647-South, Washington, D.C. 20250-1000, Telephone: (202) 475-3408.

### APPENDIX III

#### Format Used for Each Entry

|                      |   |
|----------------------|---|
| Products or Services | The products/services covered by this program.  |
| Department/Agency    | The responsible office/agency/department, as well as their address, telephone, telex, and fax numbers if available.   |
| Initiated            | The date the program was initiated.   |
| Compliance           | Whether the program is mandatory, voluntary, or mandatory only under specified circumstances.   |
| Authority            | The public laws, sections in the <u>Code of Federal Regulations</u> or in the <u>Federal Register</u> which authorize the agency to conduct the program.  |
| Aim                  | The problems or conditions which prompted the program's establishment and how the program will or has remedied them.  |
| Benefits             | Information on the benefits (decreased accident rate, improved product quality/safety, improved competition, etc.) of the program.  |
| Agency Function      | Information on whether the agency certifies the product or service itself or whether the actual certification is conducted by another specified party and the agency serves as program administrator. |
| Type of Program      | Whether the program requires pre-market evaluation, post-market assessment, assessment prior to government purchase, or some other type of evaluation scheme.   |
| Methodology          | The methodology used by the program to ensure compliance with certification criteria, such as government inspection, third party testing, compliance with Good Manufacturing Practices, etc.          |



|                                     |   |
|-------------------------------------|---|
| Testing                             | Whether the agency or another specified party is responsible for any tests conducted on the product/service.  |
| Inspection                          | Whether the agency or another specified party is responsible for any inspections of the product/service.  |
| Conformity<br>Identification        | The method, if any, that the agency uses to identify that the product/service has been certified.   |
| Availability<br>of Documentation    | How information on lists of approved products/suppliers or other documentation on the program can be obtained.  |
| Enforcement                         | The remedies (product recall, marketing ban, product seizure, etc.) available to the agency in cases of noncompliance with certification criteria.          |
| Term                                | The length of time the certification is valid.  |
| Reciprocity                         | Any recognition of the certification by other federal or state agencies, private sector organizations, foreign governments, or international organizations. |
| Standards, Codes,<br>or Regulations | The documents which define the acceptance criteria for the certification.   |
| Keywords                            | Words describing key characteristics of the program.  |



|  |   |  |  |
|--|---|--|--|
| U.S. DEPT. OF COMM.<br><b>BIBLIOGRAPHIC DATA SHEET</b> (See instructions)  | <b>1. PUBLICATION OR REPORT NO.</b><br>NBS/SP-739 | <b>2. Performing Organ. Report No.</b> | <b>3. Publication Date</b><br>April 1988   |
| <b>4. TITLE AND SUBTITLE</b><br><br>Directory of Federal Government Certification Programs   |   |  |  |
| <b>5. AUTHOR(S)</b><br>Maureen Breitenberg, Editor   |   |  |  |
| <b>6. PERFORMING ORGANIZATION</b> (If joint or other than NBS, see instructions)<br><br>NATIONAL BUREAU OF STANDARDS<br>U.S. DEPARTMENT OF COMMERCE<br>GAITHERSBURG, MD 20899  |   |  | <b>7. Contract/Grant No.</b><br><br><b>8. Type of Report &amp; Period Covered</b><br>Final |
| <b>9. SPONSORING ORGANIZATION NAME AND COMPLETE ADDRESS</b> (Street, City, State, ZIP)<br><br>Same as in item 6 above.   |   |  |  |
| <b>10. SUPPLEMENTARY NOTES</b><br><br>Library of Congress Catalog Card Number: 88-600511<br>(Supersedes NBS Spec. Publ. 714)<br><input type="checkbox"/> Document describes a computer program; SF-185, FIPS Software Summary, is attached.  |   |  |  |
| <b>11. ABSTRACT</b> (A 200-word or less factual summary of most significant information. If document includes a significant bibliography or literature survey, mention it here)<br><br><p>This directory, which represents a joint effort of the U.S. Department of Agriculture (USDA) and the National Bureau of Standards (NBS), is designed to provide updated information on federal certification programs for products and services. This directory is a revision of NBS SP 714, <u>Federal Government Certification Programs for Products and Services</u>, edited by Robert B. Toth and published in April 1986.</p> <p>This directory is part of ongoing NBS/USDA efforts to establish and maintain comprehensive databases on standards, regulations, certification programs and related information in accordance with the requirements of the Trade Agreements Act of 1979. This material has been compiled to meet the needs of government, industry, and the public for information on U.S. Government certification programs.</p> |   |  |  |
| <b>12. KEY WORDS</b> (Six to twelve entries; alphabetical order; capitalize only proper names; and separate key words by semicolons)<br><br>approved products; certification; grading; inspection; listing; pre-market evaluation; qualification; qualified products; specifications; standards; testing   |   |  |  |
| <b>13. AVAILABILITY</b><br><br><input checked="" type="checkbox"/> Unlimited<br><input type="checkbox"/> For Official Distribution. Do Not Release to NTIS<br><input checked="" type="checkbox"/> Order From Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402.<br><br><input type="checkbox"/> Order From National Technical Information Service (NTIS), Springfield, VA. 22161  |   |  | <b>14. NO. OF PRINTED PAGES</b><br><br>229<br><br><b>15. Price</b>                         |



# NBS *Technical Publications*

## *Periodical*

---

**Journal of Research**—The Journal of Research of the National Bureau of Standards reports NBS research and development in those disciplines of the physical and engineering sciences in which the Bureau is active. These include physics, chemistry, engineering, mathematics, and computer sciences. Papers cover a broad range of subjects, with major emphasis on measurement methodology and the basic technology underlying standardization. Also included from time to time are survey articles on topics closely related to the Bureau's technical and scientific programs. Issued six times a year.

## *Nonperiodicals*

---

**Monographs**—Major contributions to the technical literature on various subjects related to the Bureau's scientific and technical activities.

**Handbooks**—Recommended codes of engineering and industrial practice (including safety codes) developed in cooperation with interested industries, professional organizations, and regulatory bodies.

**Special Publications**—Include proceedings of conferences sponsored by NBS, NBS annual reports, and other special publications appropriate to this grouping such as wall charts, pocket cards, and bibliographies.

**Applied Mathematics Series**—Mathematical tables, manuals, and studies of special interest to physicists, engineers, chemists, biologists, mathematicians, computer programmers, and others engaged in scientific and technical work.

**National Standard Reference Data Series**—Provides quantitative data on the physical and chemical properties of materials, compiled from the world's literature and critically evaluated. Developed under a worldwide program coordinated by NBS under the authority of the National Standard Data Act (Public Law 90-396).

NOTE: The Journal of Physical and Chemical Reference Data (JPCRD) is published quarterly for NBS by the American Chemical Society (ACS) and the American Institute of Physics (AIP). Subscriptions, reprints, and supplements are available from ACS, 1155 Sixteenth St., NW, Washington, DC 20056.

**Building Science Series**—Disseminates technical information developed at the Bureau on building materials, components, systems, and whole structures. The series presents research results, test methods, and performance criteria related to the structural and environmental functions and the durability and safety characteristics of building elements and systems.

**Technical Notes**—Studies or reports which are complete in themselves but restrictive in their treatment of a subject. Analogous to monographs but not so comprehensive in scope or definitive in treatment of the subject area. Often serve as a vehicle for final reports of work performed at NBS under the sponsorship of other government agencies.

**Voluntary Product Standards**—Developed under procedures published by the Department of Commerce in Part 10, Title 15, of the Code of Federal Regulations. The standards establish nationally recognized requirements for products, and provide all concerned interests with a basis for common understanding of the characteristics of the products. NBS administers this program as a supplement to the activities of the private sector standardizing organizations.

**Consumer Information Series**—Practical information, based on NBS research and experience, covering areas of interest to the consumer. Easily understandable language and illustrations provide useful background knowledge for shopping in today's technological marketplace.

*Order the above NBS publications from: Superintendent of Documents, Government Printing Office, Washington, DC 20402.*

*Order the following NBS publications—FIPS and NBSIR's—from the National Technical Information Service, Springfield, VA 22161.*

**Federal Information Processing Standards Publications (FIPS PUB)**—Publications in this series collectively constitute the Federal Information Processing Standards Register. The Register serves as the official source of information in the Federal Government regarding standards issued by NBS pursuant to the Federal Property and Administrative Services Act of 1949 as amended, Public Law 89-306 (79 Stat. 1127), and as implemented by Executive Order 11717 (38 FR 12315, dated May 11, 1973) and Part 6 of Title 15 CFR (Code of Federal Regulations).

**NBS Interagency Reports (NBSIR)**—A special series of interim or final reports on work performed by NBS for outside sponsors (both government and non-government). In general, initial distribution is handled by the sponsor; public distribution is by the National Technical Information Service, Springfield, VA 22161, in paper copy or microfiche form.



U.S. Department of Commerce  
National Bureau of Standards  
Gaithersburg, MD 20899

Official Business  
Penalty for Private Use \$300



Stimulating America's Progress  
1913-1988