

(c) *Periodic tests and quality assurance inspection.* Under the procedure set forth in §200.935(d)(8), testing and inspection shall be conducted as follows:

(1) At least every six months, the administrator shall visit the manufacturer's facility to select a sample of each certified polystyrene foam insulation board for testing by a laboratory approved by the administrator.

(2) The administrator also shall review the quality assurance procedures every six months to assure that they are being followed by the manufacturer.

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**§200.948 Building product standards and certification program for carpet cushion.**

(a) *Applicable standards.* (1) All carpet cushion shall be designed, manufactured, and tested in compliance with the following standards from the American Society for Testing and Materials:

(i) ASTM D 1667-76—(Reapproved 1990) Standard Specification for Flexible Cellular Materials—Vinyl Chloride Polymers and Copolymers (Closed-Cell Foam);

(ii) ASTM D2646-87—Standard Test Methods for Backing Fabrics;

(iii) ASTM D629-88—Standard Test Methods for Quantitative Analysis of Textiles;

(iv) ASTM D3574-91—Standard Test Methods for Flexible Cellular Materials—Slab, Bonded, and Molded Urethane Foams;

(v) ASTM D3676-78—Standard Specification for Rubber Cellular Cushion Used for Carpet or Rug Underlay.

(2) These standards have been approved by the Director of the Federal Register for incorporation by reference. The standards are available from the American Society for Testing Materials, 1916 Race Street, Philadelphia, PA 19103. These standards are also available for inspection at the Office of the Federal Register, 800 North Capitol Street, NW., 7th Floor, suite 700, Washington, DC.

(b) *Labeling.* Under the procedures set forth in §200.935(d)(6) concerning labeling of a product, the administrator's validation mark, the manufacturer's certification of compliance with the applicable standards, and the type and

class all are required to be on the certification label issued by the administrator to the manufacturer.

(c) *Periodic tests and quality assurance inspection.* Under the procedure set forth in §200.935(d)(8), testing and inspection shall be conducted as follows:

(1) At least every six months, the administrator shall visit the manufacturer's facility to select a sample of each certified carpet cushion for testing by a laboratory approved by the administrator.

(2) The administrator also shall review the quality assurance procedures every six months to assure that they are being followed by the manufacturer.

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**§200.949 Building product standards and certification program for exterior insulated steel door systems.**

(a) *Applicable standards.* (1) All Exterior Insulated Steel Door Systems shall be designed, manufactured, and tested in compliance with the following standards from the American Society for Testing and Materials and Insulated Steel Door Systems Institute:

(i) ASTM A591/A591M-89—Standard Specification for Steel Sheet, Electrolytic-Zinc Coated, for Light Coating Mass Applications;

(ii) ISDSI-100-90—Door Size Dimensional Standard and Assembly Tolerances for Insulated Steel Door Systems;

(iii) ISDSI-101-83—(Reapproved 1989) Air Infiltration Performance Standard for Insulated Steel Door Systems;

(iv) ISDSI-102-84—Installation Standard for Insulated Steel Door Systems;

(v) ISDSI-104-86—Water Penetration Performance Standard for Insulated Steel Door Systems;

(vi) ISDSI-105-80—Test Procedure and Acceptance Criteria for Physical Endurance for Steel Doors and Hardware Reinforcings;

(vii) ISDSI-106-80—Test Procedure and Acceptance Criteria for Prime Painted Steel Surfaces for Steel Doors and Frames;

(viii) ISDSI-107-80—Thermal Performance Standard for Insulated Steel Door Systems;

(ix) ASTM F476-84—(Reapproved 1991) Standard Test Methods for Security of Swinging Door Assemblies.

(2) These standards have been approved by the Director of the Federal Register for incorporation by reference. These standards are available from the American Society for Testing and Materials, 1916 Race Street, Philadelphia, PA 19103 or the Insulated Steel Door Institute, 712 Lakewood Center North, 14600 Detroit Avenue, Cleveland, OH 44107. These standards are also available for inspection at the Office of the Federal Register, 800 North Capitol Street, NW., 7th Floor, suite 700, Washington, DC.

(b) *Labeling.* Under the procedures set forth in §200.935(d)(6) concerning labeling of a product, the administrator's certification of compliance with the applicable standards is required to be on the certification label issued by the administrator to the manufacturer.

(c) *Periodic tests and quality assurance inspection.* Under the procedure set forth in §200.935(d)(8), testing and inspection shall be conducted as follows:

(1) At least every four years, the administrator shall visit the manufacturer's facility to select a sample of each certified exterior insulated steel door system for testing by an approved laboratory in accordance with the applicable standard.

(2) The administrator also shall review the quality assurance procedures every year to assure that they are being followed by the manufacturer.

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**§200.950 Building product standards and certification program for solar water heating system.**

(a) *Applicable standards.* (1) All solar water heating systems shall be designed, manufactured, and tested in compliance with Solar Rating and Certification Corporation (SRCC) Document OG-300-93, Operating Guidelines and Minimum Standards for Certifying Solar Water Heating Systems: An Optional SWH System Certification and Rating Program. Section 10 of the SRCC standard has been omitted because it was considered proprietary, since it describes an administrative program specifically carried out by SRCC.

(2) This standard has been approved by the Director of the Federal Register for incorporation by reference. The standard is available from the Solar Rating and Certification Corporation, 777 North Capitol Street, NE., suite 805, Washington, DC 20002. This standard is also available for inspection at the Office of the Federal Register, 800 North Capitol Street, NW., 7th Floor, suite 700, Washington, DC.

(b) *Labeling.* Under the procedures set forth in §200.935(d)(6) concerning labeling of a product, the administrator's validation mark and the manufacturer's certification of compliance with the applicable standards are required to be on the certification label issued by the administrator to the manufacturer. Each solar water heating system shall be marked as conforming to UM 100. The label shall include the manufacturer's name and plant location.

(c) *Periodic tests and quality assurance inspection.* Under the procedure set forth in §200.935(d)(8), testing and inspection shall be conducted as follows:

(1) The Administrator shall visit the manufacturer's factory every two years to assure that the initially accepted quality assurance procedures are being followed.

(2) At least every four years, the administrator shall visit the manufacturer's facility to select a sample of each certified solar water heating system for testing by a laboratory approved by the administrator.

(d) *Warranty.* The manufacturer shall provide, at no cost, a full five-year warranty against defects in material or workmanship, on the absorber plate, cooling passages, and the collector (excluding any glass), running from the date of installation of the solar water heating system. The warranty also shall include the full costs of field inspection, parts, and labor required to remedy the defects, and will include the cost of replacement at the site if required. This warranty is not required to cover defects resulting from exposure to harmful materials, fire, flood, lightning, hurricane, tornado, hailstorms, earthquakes, or other acts of God, vandalism, explosions, harmful chemicals or other fluids, fumes or vapors. This exclusion will apply to the