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concurrence. If the MFD does not concur, the DEC Compliance Plan will be submitted to the Deputy Assistant Secretary for Housing and the Deputy Director of the DEC for review and concurrence. If the DEC Compliance Plan remains unapproved, a final decision on the plan will be made by HUD's Deputy Secretary in consultation with the General Counsel, the Assistant Secretary for Housing, and the Director of the DEC.

(iii) Following submission of the DEC Compliance Plan to the owner, the owner will be provided a period of 30 calendar days to review and accept the DEC Compliance Plan. If the owner agrees to comply with the DEC Compliance Plan, the plan will be forwarded to the appropriate Multifamily Office for implementation and monitoring of completion of the plan's requirements.

(2) *Counter compliance plan proposal by owner.* The owner may submit an acceptable counter proposal to the DEC Compliance Plan. An owner's counter proposal to a DEC Compliance Plan must be submitted no later than the 30th day following submission of the DEC Compliance Plan to the owner. The DEC, in coordination with the MFD, may enter into discussions with the owner to achieve agreement to a revised DEC Compliance Plan. If the owner and the DEC agree on a revised DEC Compliance Plan, the revised plan will be forwarded to the appropriate Multifamily Office for implementation and monitoring of completion of the plan's requirements.

(3) *Non-cooperation and Non-compliance by owner.* If at the conclusion of the 30th calendar day following submission of the DEC Compliance Plan to the owner, the DEC receives no response from the owner, or the owner refuses to accept the DEC Compliance Plan, or to present a counter compliance plan proposal, or if the owner accepts the DEC Compliance Plan or revised DEC Compliance Plan, but refuses to take the actions required of the owner in the plan, the DEC may take appropriate enforcement action.

(4) *No limitation on existing enforcement authority.* The administrative process provided in this section does not prohibit the Office of Housing, the DEC, or HUD generally, to take what-

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ever action may be necessary when necessary (notwithstanding the commencement of this process), as authorized under existing statutes, regulations, contracts or other documents, to protect HUD's financial interests in multifamily properties and to protect the residents of these properties.

(j) *Limitations on material alteration of physical inspection software.* HUD will not materially alter the physical inspection requirements in a manner which would materially increase the cost of performing the inspection.

[65 FR 77240, Dec. 8, 2000, as amended at 72 FR 54517, Sept. 25, 2007]

### Subpart R [Reserved]

### Subpart S—Minimum Property Standards

#### § 200.925 Applicability of minimum property standards.

All housing constructed under HUD mortgage insurance and low-rent public housing programs shall meet or exceed HUD Minimum Property Standards, except that this requirement shall be applicable to manufactured homes eligible for insurance pursuant to §203.43f of this chapter only to the extent provided therein. The Minimum Property Standards may be waived to the same extent as the other regulatory requirements for eligibility for insurance under the specific mortgage insurance program involved.

[58 FR 60248, Nov. 15, 1993]

#### § 200.925a Multifamily and care-type minimum property standards.

(a) *Construction standards.* Multifamily or care-type properties shall comply with the minimum property standards contained in the handbook identified in §200.929(b)(2). In addition, each such property shall, for the Department's purposes, comply with:

(1) The applicable State of local building code, if the property is located within a jurisdiction which has a building code accepted by the Secretary under §200.925a(d); or

(2)(i) The applicable State or local building code, and

(ii) Those portions of the codes identified in §200.295c which are designated

by the HUD Field Office serving the jurisdiction in which the property is to be located, if the property is located in a jurisdiction which has a building code partially accepted by the Secretary; or

(3) The appropriate codes, as identified in §200.925c(c), if the property is not located within a jurisdiction which has a building code accepted by the Secretary.

(b) *Conflicting standards.* The minimum property standards contained in the handbook identified in §200.929(b)(2) do not preempt state or local standards, nor do they alter or affect a builder's obligation to comply with any state or local requirements. However, a property shall be eligible for benefits only if it complies with all applicable minimum property standards, including referenced standards.

(c) *Standard for evaluating local building codes.* The Secretary shall compare the portions of a local or State building code applicable to residential or institutional occupancy, as appropriate, submitted under §200.925a(d) to the list of construction related areas contained in §200.925b.

(1) A State or local code will be accepted if it regulates each area on the list.

(2) A State or local building code will be partially accepted if it regulates most of the areas on the list. However, no code may be partially accepted if it fails to regulate the subarea for seismic design (see §200.925b(c)(5)), or if it fails to regulate subareas in more than one of the following major areas listed in §200.925b: fire safety, light and ventilation, structural loads and seismic design, foundation systems, materials standards, construction components, glass, mechanical, plumbing, electrical, and elevators.

(3) For purposes of this paragraph, a state or local code regulates an area if it establishes a standard concerning that area. However, for earthquake loads (see §200.925b(c)(5)), ASCE 7-88 is mandatory.

(d) *Review process and acceptance—(1) Jurisdictions without previously accepted building codes.* The following submission requirements apply to developers and other interested parties in jurisdictions without building codes, jurisdic-

tions with building codes which have never been submitted for acceptance, and jurisdictions with building codes which have been submitted for acceptance and neither accepted nor partially accepted by the Secretary.

(i) Developers or other interested parties must comply with one of the following by the time of application for insurance or other benefits:

(A) The developer or other interested party may choose to comply with the appropriate codes as identified in §200.925c. If the developer or other interested party so chooses, then the multifamily or care-type property shall be constructed in accordance with one of the model codes designated in paragraph (c)(1), (2) or (3) of §200.925c and with any other code or codes identified in the same paragraph. In such instances, the developer or other interested party shall notify the Department of the code or group of codes with which it intends to comply by the time of application for insurance or other benefits; or

(B) The developer or other interested party may choose to comply with the State or local building code, if such code is acceptable to the Secretary. To obtain the Secretary's acceptance, the developer or other interested party shall submit the material specified in paragraph (d)(1)(ii) of this section to the HUD Field Office serving the jurisdiction in which the property is to be constructed. Such material may be submitted at any time; provided, however, that it must be submitted no later than the time of application for mortgage insurance or other benefits.

(ii) If, under paragraph (d)(1)(i)(B) of this section, the developer or other interested party chooses to comply with the State or local building code as prescribed in paragraph (a)(1) of this section, it shall submit the following material to the HUD field Office serving the jurisdiction in which the property is to be constructed:

(A) A copy of the jurisdiction's building code, including all applicable service codes, appendices and referenced standards; and

(B) A copy of the statute, ordinance, regulation, or order establishing the

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code, if such statute, ordinance, regulation or order is not contained in the building code itself.

However, the developer or other interested party need not submit any document already on file in the Field Office.

(2) *Jurisdictions with previously accepted or partially accepted building codes.* The following submission requirements apply to developers and other interested parties in any jurisdiction with a building code which has been accepted or partially accepted by the Secretary:

(i) At the time of application for mortgage insurance or other benefits, the developer or other interested party shall submit to the HUD Field Office serving the jurisdiction in which the property is to be constructed.

(A) A certificate stating that, since its acceptance by the Secretary, the jurisdiction's building code has not been changed; or

(B)(1) A copy of all changes to the jurisdiction's building code, including all applicable service codes and appendices, which have been made since the date of the code's acceptance by the Secretary. However, the developer or other interested party need not submit any part already in the possession of the Field Office; and

(2) A copy of the statute, ordinance regulation, or order making such changes in the code.

(3) *Notification of decision.* The Secretary shall review the material submitted under paragraphs (d) (1)(ii) and (2)(i). Following that review, the Secretary shall issue a written notice (except in the case of a previously accepted code which hasn't been changed) to the submitting party stating whether the State or local building code has been accepted, partially accepted, or whether the Secretary's previous acceptance or partial acceptance has been continued; the basis for the Secretary's decision; and a notification of the submitting party's right to present its views concerning the denial of acceptance if the code is neither accepted nor partially accepted. The Secretary may, in his discretion, permit either an oral or written presentation of views.

(i) If a developer or other interested party is notified that a State or local building code has not been accepted,

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then the multifamily or care-type properties eligible for HUD benefits in that jurisdiction shall be constructed in accordance with the appropriate codes indicated in §200.925c(c). In such instances, the developer or other interested party shall notify the HUD Field Office of the code or codes with which it chooses to comply, in accordance with §200.925a(d)(1)(i)(A).

(ii) If a developer or other interested party is notified that a State or local building code has been partially accepted, then the multifamily or care-type properties eligible for HUD benefits in that jurisdiction shall be constructed in accordance with the applicable State or local building code, plus those additional requirements identified in the written notice issued by the Secretary under §200.925a(d)(3). The written notice shall identify, in accordance with appendix J of the Handbook identified in §200.929(b)(2), those portions of the codes listed at §200.925c(a) with which the property must comply.

(iii) Each Regional Office will maintain a current list of jurisdictions with accepted building codes and a current list of jurisdictions with partially accepted building codes. The lists will state the most recent date of each code's acceptance or partial acceptance and will be available to any interested party upon request. In addition, the list of jurisdictions whose codes have been partially accepted shall identify those portions of the codes listed at §200.925c(a) with which the property must comply.

(Approved by the Office of Management and Budget under control number 2502-0321)

[49 FR 18695, May 1, 1984, as amended at 51 FR 28699, Aug. 11, 1986; 58 FR 60248, Nov. 15, 1993; 59 FR 36695, July 19, 1994]

### § 200.925b Residential and institutional building code comparison items.

HUD will review each local code submitted under this chapter to determine whether it regulates all of the following areas and subareas:

- (a) *Fire safety.* (1) Construction types permitted;
- (2) Allowable height and area;
- (3) Fire separations;
- (4) Fire resistance requirements;

- (5) Means of egress (number and distance);
- (6) Individual unit smoke detectors;
- (7) Building alarm systems;
- (8) Highrise criteria;
- (b) *Light and ventilation.* (1) Habitable rooms;
  - (2) Bath and toilet rooms.
  - (c) *Structural loads and seismic design.*
- (1) Design live loads;
  - (2) Design dead loads;
  - (3) Snow loads;
  - (4) Wind loads.
- (5) Earthquake loads (in localities identified by ASCE 7-88 (formerly ANSI A58.1-82) as being in seismic zones 1, 2, 3, or 4, and Guam).
- (6) Special loads, i.e., soil pressure, railings, interior walls etc.
  - (d) *Foundation systems.* (1) Soil tests;
  - (2) Foundation depths;
  - (3) Footings;
  - (4) Foundation materials criteria;
  - (5) Piles, i.e., materials, allowable stresses, design;
  - (6) Excavation;
  - (e) *Materials standards.*
  - (f) *Construction components.* (1) Steel;
  - (2) Masonry;
  - (3) Concrete;
  - (4) Gypsum;
  - (5) Lumber;
  - (6) Roof construction and covering;
  - (7) Chimneys and fireplaces.
  - (g) *Glass.* (1) Thickness/area requirements;
  - (2) Safety glazing.
  - (h) *Mechanical.* (1) Heating, cooling and ventilation systems;
    - (2) Boilers and pressure vessels;
    - (3) Gas, liquid and solid fuel piping and equipment;
    - (4) Chimneys and vents;
    - (5) Ventilation (air changes).
  - (i) *Plumbing.* (1) Materials standards;
  - (2) Sizing and installing drainage systems;
  - (3) Vents and venting;
  - (4) Traps;
  - (5) Cleanouts;
  - (6) Plumbing fixtures;
  - (7) Water supply and distribution;
  - (8) Storm drain systems.
  - (j) *Electrical.* (1) Wiring design and protection;
    - (2) Wiring methods and materials;
    - (3) Equipment for general use;
    - (4) Special equipment;
    - (5) Special conditions;

(6) Communication systems.  
 (k) *Elevators.* (1) Reference ASME/ANSI Standard A 17.1-1987; and the ASME/ANSI A17.1b-1989 Addenda.

(2) Acceptance tests and periodic tests.

[49 FR 18696, May 1, 1984, as amended at 51 FR 28699, Aug. 11, 1986; 58 FR 60248, Nov. 15, 1993; 59 FR 36695, July 19, 1994]

#### § 200.925c Model codes.

(a) *Incorporation by reference.* The following publications are incorporated by reference under 5 U.S.C. 552(a) and 1 CFR part 51. The incorporation by reference of these publications has been approved by the Director of the Federal Register. The locations where copies of these publications are available are set forth below.

(1) *Model Building Codes*—(i) *The BOCA National Building Code, 1993 Edition, The BOCA National Plumbing Code, 1993 Edition, and the BOCA National Mechanical Code, 1993 Edition*, excluding Chapter I, Administration, for the Building, Plumbing and Mechanical Codes and the references to fire retardant treated wood and a distance of 4 feet (1219 mm) from the wall in exception number 1 of paragraph 705.6 and 707.5.2 number 2 (Chapter 7) of the Building Code, but including the Appendices of the Code. Available from Building Officials and Code Administrators International, Inc., 4051 West Flossmoor Road, Country Club Hills, Illinois 60478.

(ii) *Standard Building Code, 1991 Edition, including 1992/1993 revisions. Standard Plumbing Code, 1991 Edition, Standard Mechanical Code, 1991 Edition, including 1992 revisions, and Standard Gas Code, 1991 Edition*, including the 1992 revisions, but excluding Chapter I—Administration from each standard code and the phrase “or fire retardant treated wood” in reference note (a) of table 600 (Chapter 6) of the Standard Building Code, but including Appendices A, C, E, J, K, M, and R. Available from the Southern Building Code Congress International, Inc., 900 Montclair Road, Birmingham, Alabama 35213.

(iii) *Uniform Building Code, 1991 Edition, including the 1993 Accumulative Supplement*, but excluding Part I—Administrative, and the reference to fire retardant treated plywood in section

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2504(c)3 and to fire retardant treated wood in 1-HR type III and V construction referenced in paragraph 4203.2., but including the Appendix of the Code. *Uniform Plumbing Code, 1991 Edition, including the 1992 Code Changes* but excluding Part I—Administration, but including the Appendices of the Code. *Uniform Mechanical Code, 1991 Edition*, including the 1993 Accumulative Supplement but excluding Part I—Administrative, but including the Appendices of the Code. All available from the International Conference of Building Officials, 5360 South Workman Mill Road, Whittier, California 90601.

(2) *National Electrical Code, NFPA 70, 1993 Edition*, including appendices. Available from the National Fire Protection Association, Batterymarch Park, Quincy, Massachusetts 02269.

(3) *National Standard Plumbing Code, 1993 Edition*. Available from the National Association of Plumbing-Heating-Cooling Contractors, P.O. Box 6808, Falls Church, Virginia 22046.

(b) *Model Code Compliance Requirements*. (1) When a multifamily or care-type property is to comply with one of the model building codes set forth in paragraph (a)(1) of this section, the following requirements of those model codes shall not apply to those properties:

(i) Those provisions of the model codes that do not pertain to residential or institutional buildings;

(ii) Those provisions of the model codes that establish energy requirements for multifamily or care-type structures; and

(iii) Those provisions of the model codes that require or allow the issuance of permits of any sort.

(2) Where the model codes set forth in paragraph (a)(1) of this section designate a building, fire, mechanical, plumbing or other official, the Secretary's designee in the HUD Field Office serving the jurisdiction in which the property is to be constructed shall act as such official.

(c) *Designation of Model Codes*. When a multifamily or care-type property is to comply with a model code, it shall comply with one of the model codes designated in paragraphs (c)(1), (2), or (3) of this section, and with any other code or codes identified in the same

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paragraph. However, seismic design is a mandatory requirement. In addition, the property shall comply with all of the standards that are incorporated into the code or codes by reference. By the time of application for insurance or other benefits, the developer or other interested party shall notify the Department of the code or group of codes to which the developer intends to comply.

(1) *The BOCA National Building Code, The BOCA National Plumbing and The BOCA National Mechanical Code, 1993 Editions*.

(2) *Standard Building Code, Standard Plumbing Code, Standard Mechanical Code and Standard Gas Code, 1991 Editions*, including the revisions specified in paragraph (a)(1)(ii) of this section, and the *National Electrical Code, 1993 Edition*.

(3) *Uniform Building Code, Uniform Plumbing Code and Uniform Mechanical Code, 1991 Editions*, including the 1993 Accumulative Supplements to the Building and Mechanical Codes, and the 1992 Code Changes to the *Uniform Plumbing Code*, and the *National Electrical Code, NFPA 70, 1993 Edition*.

(4) *The National Electrical Code, NFPA 70, 1993 Edition*.

[49 FR 18696, May 1, 1984, as amended at 51 FR 28699, Aug. 11, 1986; 58 FR 60248, Nov. 15, 1993; 59 FR 36695, July 19, 1994]

## § 200.926 Minimum property standards for one and two family dwellings.

(a) *Construction standards*—(1) *Applicable structures*. The standards identified or contained in this section, and in §§ 200.926a–200.926e, apply to single family detached homes, duplexes, three-unit homes, and to living units in a structure where the units are located side-by-side in town house fashion. Section 200.926d(c)(4) also applies to four-unit homes.

(2) *Applicability of standards to new construction*. The standards referenced in paragraph (a)(1) of this section are applicable to structures which are:

(i) Approved for insurance or other benefits prior to the start of construction, including approval under the Direct Endorsement process described in § 203.5 of this chapter, or under the Lender Insurance process described in § 203.6 of this chapter;

(ii) Approved for insurance or other benefits based upon participation in an insured warranty program; or

(iii) Insured as new construction based upon a Certificate of Reasonable Value issued by the Department of Veterans Affairs.

(b) *Conflicting standards.* The requirements contained in §200.926d do not preempt local or State standards, nor do they alter or affect a builder's obligation to comply with any local or State requirements. However, a property shall be eligible for benefits only if it complies with the requirements of this subpart, including any referenced standards. When any of the requirements identified in §200.926c are in conflict with a partially accepted local or state code, the conflict will be resolved by the HUD Field Office servicing the jurisdiction in which the property is to be located.

(c) *Standard for evaluating local or state building codes.* The Secretary shall compare a local building code submitted under paragraph (d) of this section or a State code to the list of construction related areas contained in §200.926a.

(1) A local or State code will be accepted if it regulates each area and subarea on the list.

(2) A State or local building code will be partially accepted if it regulates most of the areas on the list. However, no code may be partially accepted if it fails to regulate the subarea for seismic design (see §200.926a(c)(5)), or if it fails to regulate subareas in more than one of the following major areas listed in §200.926a: fire safety, light and ventilation, structural loads and seismic design, foundation systems, materials standards, construction components, glass, mechanical, plumbing, and electrical.

(3) For purposes of this paragraph, a local or State code regulates an area or subarea if it establishes a standard concerning that area or subarea. However, for earthquake loads (see §200.926a(c)(5)), ASCE 7-88 is mandatory.

(d) *Code selection.* Any materials required to be submitted under this section must be submitted by the time the lender or other interested party applies

for mortgage insurance or other benefits.

(1) *Jurisdictions without previously accepted building codes.* The following submission requirements apply to lenders and other interested parties in jurisdictions without building codes, jurisdictions with building codes which have never been submitted for acceptance, and jurisdictions with building codes which previously have been submitted for acceptance and have not been accepted or partially accepted by the Secretary.

(i) In jurisdictions without local building codes:

(A) If the State building code is acceptable, the lender or other interested party must comply with the State building code and the requirements of §200.926d;

(B) If the State building code is partially acceptable, the lender or other interested party must comply with:

(1) The acceptable portions of the partially acceptable code; and

(2) Those portions of the CABO One and Two Family Dwelling Code designated by the HUD Field Office in accordance with §200.926c; and

(3) The requirements of §200.926d.

(C) If there is no State building code or if the State building code is unacceptable, the lender or other interested party must comply with:

(1) The CABO One and Two Family Dwelling Code as identified in §200.926b(a); and

(2) The requirements of §200.926d.

(ii) In jurisdictions with local building codes which have never been submitted for review, lenders or other interested parties must:

(A) Comply with the requirements of paragraph (d)(1)(i) (A), (B) or (C) of this section, as appropriate; or

(B) Request the Secretary's acceptance of the local building code in accordance with paragraph (d)(1)(iv) of this section.

(1) If the Secretary determines that the local building code is unacceptable, then the lender or other interested party must comply with the requirements of paragraph (d)(1)(i) (A), (B) or (C) of this section as appropriate.

(2) If the Secretary determines that the local code is partially acceptable,

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then the lender or other interested party must comply with:

(i) The acceptable portions of the partially acceptable local code; and

(ii) Those portions of the CABO One and Two Family Dwelling Code designated by the HUD Field Office in accordance with § 200.926c; and

(iii) The requirements of § 200.926d.

(3) If the Secretary determines that the local code is acceptable, then the lender or other interested party must comply with the local building code and the requirements of § 200.926d.

(iii) In jurisdictions with local building codes which previously have been submitted for review and which have been found unacceptable by the Secretary:

(A) If the local code has not been changed since the date the code or changes thereto were submitted to the Secretary, the lender or other interested party must comply with the requirements of paragraph (d)(1)(i) (A), (B) or (C) of this section, as appropriate; or

(B) If the local code has been changed since the date when the code or changes thereto were submitted to the Secretary, the lender or other interested party must submit a copy of all changes to the local building code, including all applicable service codes and appendices and a copy of the statute, ordinance, regulation or order making such changes in the code, which have been made since the date when the code or other changes thereto were last submitted to the Secretary. However, the lender or other interested party need not submit any part already in the possession of the HUD Field Office. Based upon the Secretary's determination concerning the acceptability of the local code as changed, the lender or other interested party must comply with the requirements of paragraph (d)(1)(ii)(B) (1), (2) or (3) of this section, as appropriate.

(iv) In order to obtain the Department's approval of a local code, the lender or other interested party must submit the following material to the HUD Field Office serving the jurisdiction in which the property is to be constructed:

(A) A copy of the jurisdiction's local building code, including all applicable service codes and appendices; and

(B) A copy of the statute, ordinance, regulation, or order establishing the code, if such statute, ordinance, regulation or order is not contained in the building code itself.

However, the lender or other interested party need not submit any document already on file in the HUD Field Office.

(2) *Jurisdictions with previously accepted or partially accepted building codes.* The following submission requirements apply to lenders or other interested parties in any jurisdiction with a building code which has been accepted or partially accepted by the Secretary:

(i) The lender or other interested party shall submit to the HUD Field Office serving the jurisdiction in which the property is to be constructed:

(A) A certificate stating that, since the date when the code or any changes thereto were last submitted to the Secretary, the jurisdiction's local building code has not been changed; or

(B)(1) A copy of all changes to the jurisdiction's building code, including all applicable service codes and appendices, which have been made since the date when the code or other changes thereto were last submitted to the Secretary. However, the lender or other interested party need not submit any part already in the possession of the HUD Field Office; and

(2) A copy of the statute, ordinance, regulation, or order making such changes in the code.

(ii) If, based upon changes to the local building code, the Secretary determines that it is unacceptable, the lender or other interested party must comply with the requirements of paragraph (d)(1) (i)(A), (B) or (C) of this section, as appropriate.

(iii) If the local building code was previously found by the Secretary to be partially acceptable and there have been no changes to it or if the local building code was previously found by the Secretary to be partially acceptable and if, based upon changes to it, the Secretary determines that it is still partially acceptable or if the local building code was previously found by the Secretary to be acceptable and if, based upon changes to it, the Secretary

determines that it is partially acceptable, then the lender or other interested party must comply with paragraphs (d)(1)(ii)(B)(2) (i), (ii) and (iii) of this section.

(iv) If the local building code was previously found by the Secretary to be partially acceptable and if, based upon changes to it, the Secretary determines that it is acceptable, or if the local building code was previously found by the Secretary to be acceptable and there have been no changes to the code, or if the local building code was previously found by the Secretary to be acceptable and if, based upon changes to it, the Secretary determines that it is still acceptable, then the lender or other interested party must comply with the local building code and the requirements of § 200.926d.

(3) *Notification of decision.* (i) Fire retardant treated plywood, where approved by a State or local building code, shall not be permitted for use in roof construction unless a HUD technical suitability bulletin has been issued by the Department for that product.

(ii) The Secretary shall review the material submitted under § 200.926(d). Following that review, the Secretary shall issue a written notice (except where there is a previously accepted or partially accepted code which has not been changed) to the submitting party stating whether the local building code is acceptable, partially acceptable, or not acceptable. Where the local building code is not acceptable, the notice shall also state whether the State code is acceptable, partially acceptable or not acceptable. The notice shall also contain the basis for the Secretary's decision and a notification of the submitting party's right to present its views concerning the denial of acceptance if the code is neither accepted nor partially accepted. The Secretary may, in his or her discretion, permit either an oral or written presentation of views.

(4) *Department's responsibilities.* (i) Each Regional and Field Office will maintain a current list of jurisdictions with accepted local or State building codes, a current list of jurisdictions with partially accepted local or State building codes and a current list of ju-

risdictions with local or State building codes which have not been accepted. For local codes, the lists will state the most recent date when the code or changes thereto were submitted to the Secretary. The lists, which shall be prepared by the Field Offices and submitted to the Regional Offices, will be available to any interested party upon request. In addition, the list of jurisdictions whose codes have been partially accepted shall identify in accordance with § 200.926c those portions of the codes listed at § 200.926b(a) with which the property must comply.

(ii) The Department is responsible for obtaining copies of the State codes and any changes thereto.

(Approved by the Office of Management and Budget under control number 2502-0474)

[50 FR 39592, Sept. 27, 1985, as amended at 57 FR 27927, June 23, 1992; 57 FR 58340, Dec. 9, 1992; 58 FR 13536, Mar. 12, 1993; 58 FR 41337, Aug. 3, 1993; 58 FR 60249, Nov. 15, 1993; 59 FR 36695, July 19, 1994; 62 FR 30225, June 2, 1997; 64 FR 56110, Oct. 15, 1999]

#### § 200.926a Residential building code comparison items.

HUD will review each local and State code submitted under this subpart to determine whether it regulates all of the following areas and subareas:

- (a) *Fire Safety.* (1) Allowable height;
- (2) Fire separations;
- (3) Fire resistance requirements;
- (4) Egress doors and windows;
- (5) Unit smoke detectors;
- (6) Flame spread.
- (b) *Light and ventilation.* (1) Habitable rooms;
- (2) Bath and toilet rooms.
- (c) *Structural loads and seismic design.* (1) Design live loads;
- (2) Design dead loads;
- (3) Snow loads (for jurisdictions with snow loading conditions identified in Section 7 of ASCE-7-88 (formerly ANSI A58.1-82));
- (4) Wind loads;
- (5) Earthquake loads (for jurisdictions in seismic zones 3 or 4, as identified in Section 9 of ASCE-7-88 (formerly ANSI A58.1-82)).
- (d) *Foundation systems.* (1) Foundation depths;
- (2) Footings;
- (3) Foundation materials criteria.



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- (e) *Materials standards.* (1) Materials standards.
- (f) *Construction components.* (1) Steel;
- (2) Masonry;
- (3) Concrete;
- (4) Lumber;
- (5) Roof construction and covering;
- (6) Chimneys and fireplaces.
- (g) *Glass.* (1) Thickness/area requirements;
- (2) Safety glazing.
- (h) *Mechanical.* (1) Heating, cooling and ventilation systems;
- (2) Gas, liquid and solid fuel piping and equipment;
- (3) Chimneys and vents;
- (4) Ventilation (air changes).
- (i) *Plumbing.* (1) Materials standards;
- (2) Sizing and installing drainage systems;
- (3) Vents and venting;
- (4) Traps;
- (5) Cleanouts;
- (6) Plumbing fixtures;
- (7) Water supply and distribution;
- (8) Sewage disposal systems.
- (j) *Electrical.* (1) Branch circuits;
- (2) Services;
- (3) Grounding;
- (4) Wiring methods;
- (5) Cable;
- (6) Conduit;
- (7) Outlets, switches and junction boxes;
- (8) Panelboards.

[50 FR 39594, Sept. 27, 1985, as amended at 59 FR 36695, July 19, 1994]

**§ 200.926b Model codes.**

(a) *Incorporation by reference.* The following model code publications are incorporated by reference in accordance with 5 U.S.C. 552(a) and 1 CFR part 51. The incorporation by reference of these publications has been approved by the Director of the Federal Register. The locations where copies of these publications are available are set forth below.

(1) *CABO One and Two Family Dwelling Code*, 1992 Edition, including the 1993 amendments, but excluding Chapter I—Administrative, and the phrase “or approved fire retardant wood” contained in the exception of paragraph R-218.2.2(2), but including the Appendices A, B, D, and E of the Code. (Available from the Council of American Building Officials, Suite 708, 5203 Leesburg Pike, Falls Church, VA 22041.)

(2) *Electrical Code for One and Two Family Dwellings*, NFPA 70A, 1990 Edition, including Tables and Examples. Available from the National Fire Protection Association, Batterymarch Park, Quincy, MA 02269.

(b) *Model code compliance requirements.* (1) When a one or two family dwelling is to comply with the model codes set forth in §200.926b(a), the following requirements of those model codes shall not apply to those properties:

(i) Those provisions of the model codes that establish energy requirements for one and two family dwellings; and

(ii) Those provisions of the model codes that require or allow the issuance of permits of any sort.

(2) Where the model codes set forth in paragraph (a) of this section designate a building, fire, mechanical, plumbing or other official, the Secretary’s designee in the HUD Field Office serving the jurisdiction in which the dwelling is to be constructed shall act as such official.

(c) *Designation of Model Codes.* When a one or two family dwelling or townhouse is to comply with portions of the model code or the entire model code, the dwelling shall comply with the CABO One and Two Family Dwelling Code 1992 Edition, including the 1993 amendments, or portion thereof as modified by §200.926e of this part and designated by the HUD Field Office serving a jurisdiction in which a property is located. In addition, the property shall comply with all of the standards which are referenced for any designated portions of the model code, and with the Electrical Code for One and Two Family Dwellings, NFPA 70A/1990.

[50 FR 39594, Sept. 27, 1985, as amended at 58 FR 60249, Nov. 15, 1993]

**§ 200.926c Model code provisions for use in partially accepted code jurisdictions.**

If a lender or other interested party is notified that a State or local building code has been partially accepted, then the properties eligible for HUD benefits in that jurisdiction shall be constructed in accordance with the applicable State or local building code, plus those additional requirements

identified below. Depending upon the major area identified in §200.926a which is not adequately regulated by the State or local code, the HUD Field Office will designate, in accordance with the schedule below, those portions of one of the model codes with which the property must comply.

SCHEDULE FOR MODEL CODE SUPPLEMENTS TO LOCAL OR STATE CODES

Deficient major items from §200.926a as determined by field office review	Portions of the CABO One and Two Family Dwelling Code, 1992 Edition, including the 1993 amendments, with which a property must comply
(a) Fire safety .....	Chapters 2, 9; Section R-402.
(b) Light and ventilation .....	Chapter 2; Section R-309.
(c) Structural loads and seismic design. ....	Chapter 2.
(d) Foundation systems .....	Chapter 3.
(e) Materials standards .....	Chapter 26.
(f) Construction components .....	Part III.
(g) Glass .....	Chapter 2.
(h) Mechanical .....	Part IV.
(i) Plumbing .....	Part V.
(j) Electrical .....	Electrical code for 1- and 2-family dwellings (NFPA 70A-1990).

[50 FR 39594, Sept. 27, 1985, as amended at 58 FR 60249, Nov. 15, 1993; 59 FR 36695, July 19, 1994]

§ 200.926d Construction requirements.

(a) *Application*—(1) *General*. These standards cover the agency requirements for accessibility to physically handicapped people, variations to standards, real estate entity, trespass and utilities, site conditions, access, site design, streets, dedication of utilities, drainage and flood hazard exposure, special construction and product acceptance, thermal requirements, and water supply systems.

(2) *Requirements for accessibility to physically handicapped people*. The HUD Field Office will advise project sponsors as to the extent accessibility will be required for new construction of one- and two-family dwellings on a project-by-project basis.

(i) *Technical standards*. See HUD Handbook, 4910.1, Sections 100-1.3b and 100-1.3c.

(3) *Variations to standards*—(i) *New materials and technologies*. See paragraph (d) of this section. Alternatives, nonconventional or innovative methods and materials shall be equivalent

to these standards in the areas of structural soundness, durability, economy of maintenance or operation and usability.

(ii) *Variation procedures*. Variations from the requirements of any standard with which the Department requires compliance shall be made in the following ways:

(A) For a particular design or construction method to be used on a single case or project, the decision is the responsibility of the Field Office. Headquarters concurrence is not required.

(B) Where a variation is intended to be on a repetitive basis, a recommendation for a Local Acceptable Standard, substantiating data, and background information shall be submitted by the Field Office to the Director, Office of Manufactured Housing and Regulatory Functions.

(iii) Variances which require individual analysis and decision in each instance are not considered as repetitive variances even though one particular standard is repeatedly the subject of variation. Such variances are covered by paragraph (a)(3)(ii)(A) of this section.

(b) *General acceptability criteria*—(1) *Real estate entity*. The property shall comprise a single plot except that a primary plot with a secondary plot for an appurtenant garage or for other use contributing to the marketability of the property will be acceptable provided the two plots are in such proximity as to comprise a readily marketable real estate entity.

(2) *Service and facilities*—(i) *Trespass*. Each living unit shall be one that can be used and maintained individually without trespass upon adjoining properties, except when the windowless wall of a detached dwelling is located on a side lot line. A detached dwelling may be located on a side lot line if:

(A) legal provision is made for permanent access for the maintenance of the exterior portion of the lot line wall, and

(B) the minimum distances from the dwelling to the dwellings on the abutting properties are not less than the sum of the side yard distances computed as appropriate for the type of opposing walls. (minimum distance 10 ft).

(ii) *Utilities.* Utility services shall be independent for each living unit, except that common services such as water, sewer, gas and electricity may be provided for living units under a single mortgage or ownership. Separate utility service shut-off for each unit shall be provided. For living units under separate ownership, common utility services may be provided from the main to the building line when protected by an easement or covenant and maintenance agreement acceptable to HUD, but shall not pass over, under or through any other living unit. Individual utilities serving a living unit may not pass over, under or through another living unit under the same mortgage unless provision is made for repair and maintenance of utilities without trespass or when protected by an easement or covenant providing permanent access for maintenance and repair of the utilities. Building drain cleanouts shall be accessible from the exterior where a single drain line within the building serves more than one unit.

(3) *Site conditions.* (i) The property shall be free of those foreseeable hazards and adverse conditions which may affect the health and safety of occupants or the structural soundness of the improvements, or which may impair the customary use and enjoyment of the property. The hazards include toxic chemicals, radioactive materials, other pollution, hazardous activities, potential damage from soil or other differential ground movements, ground water, inadequate surface drainage, flood, erosion, or other hazards located on or off site. The site must meet the standards set forth in 24 CFR part 51, and HUD Handbook 4910.1, section 606 for termite and decay protection.

(ii) When special conditions exist or arise during construction which were unforeseen and which necessitate precautionary or hazard mitigation measures, the HUD Field Office shall require corrective work to mitigate potential adverse effects from the special conditions as necessary. Special conditions include rock formations, unstable soils or slopes, high ground water levels, springs, or other conditions which may adversely affect a property. It shall be the builder's responsibility to ensure

proper design, construction and satisfactory performance where these conditions are present.

(4) *Access.* (i) Each property shall be provided with vehicular or pedestrian access by a public or private street. Private streets shall be protected by permanent easement.

(ii) Each living unit shall have a means of access such that it is unnecessary to pass through any other living unit.

(iii) The rear yard shall be accessible without passing through any other living unit.

(iv) For a townhouse type dwelling, access to the rear yard may be by means of alley, easement, passage through the dwelling, or other means acceptable to the HUD Field Office.

(c) *Site design—(1) General.* (i) A site design shall be provided which includes an arrangement of all site facilities necessary to create a safe, functional, healthful, durable and energy efficient living environment.

(ii) With the exception of paragraph (c)(4) of this section, these site design standards apply only in communities that have not adopted criteria for site development applicable to one and two family dwellings.

(iii) Single family detached houses situated on individual lots located on existing streets with utilities need not comply with the requirements of paragraphs (c)(2) and (c)(3) of this section.

(2) *Streets.* (i) Existing or proposed streets on the site shall connect to private or public streets and shall provide all-weather access to all buildings for essential and emergency use, including access needed for deliveries, service, maintenance and fire equipment.

(ii) Streets shall be designed for dedication for public use and maintenance or, when approved by the HUD Field Office, may be retained as private streets where protected by permanent easements.

(3) *Dedication.* Utilities shall be located to permit dedication to the local government or appropriate public body.

(4) *Drainage and flood hazard exposure—(1) Residential structures with basements located in FEMA-designated areas of special flood hazard.* The elevation of the lowest floor in structures with basements shall be at or above the base

flood level (100-year flood level) required for new construction or substantial improvement of residential structures under regulations for the National Flood Insurance Program (NFIP) (see 44 CFR 60.3 through 60.6), except where variances from this standard are granted by communities under the procedures of the Federal Emergency Management Agency (FEMA) at 44 CFR 60.6(a) or exceptions from this NFIP standard for basements are approved by FEMA in accordance with procedures at 44 CFR 60.6(c).

(ii) *Residential structures without basements located in FEMA-designated areas of special flood hazard.* The elevation of the lowest floor in structures without basements shall be at or above the FEMA-designated base flood elevation (100-year flood level).

(iii) *Residential structures located in FEMA-designated "coastal high hazard areas".* (A) Basements or any permanent enclosure of space below the lowest floor of a structure are prohibited.

(B) Where FEMA has determined the base flood level without establishing stillwater elevations, the bottom of the lowest structural member of the lowest floor (excluding pilings and columns) and its horizontal supports shall be at or above the base flood level.

(iv)(A) In all cases in which a Direct Endorsement (DE) mortgagee or a Lender Insurance (LI) mortgagee seek to insure a mortgage on a newly constructed one-to four-family dwelling (including a newly erected manufactured home) that was processed by the DE or LI mortgagee, the DE or LI mortgagee must determine whether the property improvements (dwelling and related structures/equipment essential to the value of the property and subject to flood damage) are located in a 100-year floodplain, as designated on maps of the Federal Emergency Management Agency. If so, the DE mortgagee, before submitting the application for insurance to HUD, or the LI mortgagee, before submitting all the required data regarding the mortgage to HUD, must obtain:

(1) A final Letter of Map Amendment (LOMA);

(2) A final Letter of Map Revision (LOMR); or

(3) A signed Elevation Certificate documenting that the lowest floor (including basement) of the property improvements is built at or above the 100-year flood elevation in compliance with National Flood Insurance program criteria 44 CFR 60.3 through 60.6.

(B) Under the DE program, these mortgages are not eligible for insurance unless the DE mortgagee submits the LOMA, LOMR, or Elevation Certificate to HUD with the mortgagee's request for endorsement.

(v) *Streets.* Streets must be usable during runoff equivalent to a 10-year return frequency. Where drainage outfall is inadequate to prevent runoff equivalent to a 10-year return frequency from ponding over 6 inches deep, streets must be made passable for commonly used emergency vehicles during runoff equivalent to a 25-year return frequency, except where an alternative access street not subject to such ponding is available.

(vi) *Crawl spaces.* Crawl spaces must not pond water or be subject to prolonged dampness.

(d) *Special construction and product acceptance—(1) Structural features of factory produced (modular or panelized) housing or components.*

(i) For factory fabricated systems or components, HUD Handbook 4950.1, "Technical Suitability of Products Program Technical and Processing Procedures" shall apply.

(ii) The requirements of this part shall apply to structural features, consisting of factory fabricated systems or components assembled either at the factory or at the construction site, if the total construction is covered by these standards and can be inspected on-site for determination of compliance.

(2) *Non-structural or non-standard features.* These features include methods of construction, systems, sub-systems, components, materials and processes which are not covered by these requirements. See HUD Handbook 4950.1 for procedures to be followed in order to obtain acceptance of non-structural components or materials. See HUD Handbook 4910.1, appendix F for a list of Use of Materials Bulletins. Products and methods shall conform to the appropriate Use of Materials Bulletin.

(3) *Standard Features.* These features include methods of construction, systems, sub-systems, components, materials and processes which are covered by national society or industry standards. For a list of standards and practices to which compliance is required, see HUD Handbook 4910.1, Appendix C and Appendices E and F, available from HUD, 451 Seventh Street, SW., Attention: Mailroom B-133, Washington, DC 20410.

(e) *Energy efficiency.* All detached one- and two-family dwellings and one-family townhouses not more than three stories in height shall comply with the CABO Model Energy Code, 1992 Edition, Residential Buildings, except for Sections 101.3.1, 101.3.2, 104, and 105, but Section 101.3.2.2, Historic Buildings, shall remain, and including the Appendix, and HUD intermediate MPS Supplement 4930.2 Solar Heating and Domestic Hot Water Systems, 1989 edition.

(f) *Water supply systems—(1) General.*

(i) Each living unit shall be provided with a continuing and sufficient supply of safe water under adequate pressure and of appropriate quality for all household uses. Newly constructed residential property for which a building permit has been applied for on or after June 19, 1988 from the competent authority with jurisdiction in this matter shall have lead-free water piping. For purposes of these standards, water piping is “lead free” if it uses solders and flux containing not more than 0.2 percent lead and pipes and pipe fittings containing not more than 8.0 percent lead. This system shall not impair the function or durability of the plumbing system or attachments.

(ii) The chemical and bacteriological standards of the local health authority shall apply. In the absence of such standards, those of the appropriate State agency shall apply. A water analysis may be required by either the health authority or the HUD Field Office.

(iii) Whenever feasible, connection shall be made to a public water system. When a public system is not available, connection shall be made to a community system which complies with HUD Handbook 4940.2, if feasible.

(2) *Individual water systems.* (i) The system should be capable of delivering a flow of 5 gpm over at least a 4 hour period.

(ii) The chemical and bacteriological standards of the local health authority shall apply. In the absence of such standards, those of the appropriate State agency shall apply. A water analysis may be required by either the health authority or the HUD Field Office.

(iii) After installation, the system shall be disinfected in accordance with the recommendations or requirements of the local health authority. In the absence of a health authority, system cleaning and disinfection shall conform to the current EPA Manual of Individual Water Supply Systems.

(iv) Bacteriological or chemical examination of a water sample collected by a representative of the local or state health authority shall be made when required by that authority or the HUD Field Office.

(3) *Location of wells.* (i) A well located within the foundation walls of a dwelling is not acceptable except in arctic or subarctic regions.

(ii) Water which comes from any soil formation which may be polluted, contaminated, fissured, creviced or less than 20 ft. below the natural ground surface is not acceptable, unless acceptable to the local health authority.

(iii) Individual water supply systems are not acceptable for individual lots in areas where chemical soil poisoning has been or is practiced if the overburden of soil between the ground surface and the water bearing strata is coarse grained sand, gravel, or porous rock, or is creviced in a manner which will permit the recharge water to carry the toxicants into the zone of saturation.

(iv) The following table shall be used in establishing the minimum acceptable distances between wells and sources of pollution located on either the same or adjoining lots. These distances may be increased by either the health authority having jurisdiction or the HUD Field Office.

DISTANCE FROM SOURCE OF POLLUTION

Source of pollution	Minimum horizontal distance (feet)
Property Line .....	10
Septic Tank .....	50
Absorption Field .....	<sup>1</sup> 100
Seepage Pit .....	<sup>1</sup> 100
Absorption Bed .....	<sup>1</sup> 100
Sewer Lines w/Permanent Watertight Joints	10
Other Sewer Lines .....	50
Chemically Poisoned Soil .....	<sup>3</sup> 25
Dry Well .....	50
Other .....	( <sup>2</sup> )

<sup>1</sup>This clearance may be increased or decreased depending upon soil and rock penetrated by the well and aquifer conditions. The clearance may be increased in creviced limestone and permeable strata of gravel and sand. The clearance may be reduced to 50 ft. only where the ground surface is effectively separated from the water bearing formation by an extensive, continuous and impervious strata of clay, hardpan, or rock. The well shall be constructed so as to prevent the entrance of surface water and contaminants.

<sup>2</sup>The recommendations or requirements of the local health authority shall apply.

<sup>3</sup>This clearance may be reduced to 15 feet only where the ground surface is effectively separated from the water bearing formation by an extensive, continuous and impervious strata of clay, hardpan, or rock.

(4) *Well construction.* (i) The well shall be constructed so as to allow the pump to be easily placed and to function properly.

(ii)(A) All drilled wells shall be provided with a sound, durable and watertight casing capable of sustaining the loads imposed.

(B) The casing shall extend from a point several feet below the water level at drawdown or from an impervious strata above the water level to 12 in. above either the ground surface or the pump room floor. The casing shall be sealed at the upper opening to a depth of at least 15 feet.

(iii) Bored wells shall be lined with concrete, vitrified clay or equivalent materials.

(iv) The space between the casing or liner and the wall of the well hole shall be sealed with cement grout.

(v) The well casing shall not be used to convey water except under positive pressure. A separate drop pipe shall be used for the suction line.

(vi) When sand or silt is encountered in the water-bearing formation, the well shall either be compacted and gravel packed, or a removable strainer or screen shall be installed.

(vii) The surface of the ground above and around the well shall be compacted and graded to drain surface water away from the well.

(viii) Openings in the casing, cap, or concrete cover for the entrance of pipes, pumps or manholes shall be watertight.

(ix) If a breather is provided, it shall extend above the highest level to which surface water may rise. The breather shall be watertight, and the open end shall be screened and positioned to prevent entry of dust, insects and foreign objects.

(5) *Pump and equipment.* (i) Pumps shall be capable of delivering the volume of water required under normal operating pressure within the living unit. Pump capacity shall not exceed the output of the well.

(ii) Pumps and equipment shall be mounted to be free of objectionable noises, vibrations, flooding, pollution, and freezing.

(iii) Suction lines shall terminate below maximum drawdown of the water level in the well.

(iv) Horizontal segments of suction line shall be placed below the frost line in a sealed casing pipe or in at least 4 in. of concrete. The distance from suction line to sources of pollution shall be not less than shown in the table at paragraph (f)(3)(iv) of this section.

(6) *Storage tanks.* (i) A pressure tank having a minimum capacity of 42 gallons shall be provided. However, prepressured tanks and other pressurizing devices are acceptable provided that delivery between pump cycles equals or exceeds that of a 42 gallon tank.

(ii) Tanks shall be equipped with a clean-out plug at the lowest point, and a suitable pressure relief valve.

(Approved by the Office of Management and Budget under control number 2502-0474)

[50 FR 39594, Sept. 27, 1985, as amended at 53 FR 11271, Apr. 6, 1988; 56 FR 5350, Feb. 11, 1991; 57 FR 9609, Mar. 19, 1992; 57 FR 27927, June 23, 1992; 58 FR 41337, Aug. 3, 1993; 58 FR 60249, Nov. 15, 1993; 59 FR 19112, Apr. 21, 1994; 62 FR 30225, June 2, 1997; 64 FR 56110, Oct. 15, 1999]

**§ 200.926e Supplemental information for use with the CABO One and Two Family Dwelling Code.**

The following shall be used in Table No. R-202, Climatic and Geographic Design Criteria of the CABO One and Two Family Dwelling Code.

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### (a) *Roof live loads.*

Roof slope 3 in 12 or less: 20 psf  
Roof slope over 3 in 12: 15 psf  
Roof used as deck: 40 psf

(b) *Roof snow load.* The roof snow load shall be in accordance with section 7 of ASCE 7-88.

(c) *Wind pressures.* The minimum Design Wind Pressures (net pressures) set forth below apply to areas designated as experiencing basic wind speeds up to and including 80 mph, as shown in ASCE 7-88, Figure 1, Basic Wind Speed Map. These pressures also apply to buildings not over 30 ft. in height above finish grade, assuming exposure C or defined in ASCE 7-88.

(1) *Minimum design wind pressure criteria.* (i) Buildings (for overturning racking or sliding);  $p = 20$  psf.

(ii) Chimneys,  $p = 30$  psf.

(iii) Exterior walls,  $p = 15$  psf inward or outward. Local pressure at corners of walls shall be not less than  $p = 30$  psf outward. These local pressures shall not be included with the design pressure when computing overall loads. The pressures shall be applied perpendicularly outward on strips of width equal to 10 percent of the least width of building.

(iv) Partitions,  $p = 10$  psf.

(v) Windows,  $p = 20$  psf inward or outward.

(vi) Roof,  $p = 20$  psf inward or outward.

Roofs with slopes greater than 6 in 12 shall be designed to withstand pressures acting inward normal to the surface, equal to the design wind pressure for exterior walls. Overhanging eaves, cornices, and ridges, 40 psf upward normal to roof surface. These local pressures shall not be included with the design pressure when computing overall loads. The pressures shall be applied perpendicularly outward on strips of width equal to 10 percent of the least width of building. Net uplift on horizontal projection of roof shall not be less than 12 psf.

(2) *Severe wind design pressures.* If the construction is higher than 30 ft., or if it is located in an area experiencing wind speeds greater than 80 mph, higher design wind pressures than shown above are required. Use Section 6 of ASCE 7-88 for higher criteria and for

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determining where wind speeds greater than 80 mph occur. Pressures are assumed to act horizontally on the gross area of the vertical projection of the structure except as noted for roof design.

(d) Seismic conditions shall be in accordance with Section 9 of ASCE 7-88.

(e) *Subject to damage from: weathering.* A jurisdiction's weathering region shall be as established by the map in ASTM C 62-83.

(f) *Subject to damage from: frost line depth.* Exterior wall footings or foundation walls including those of accessory buildings shall extend a minimum of 6 in. below the finished grade and, where applicable, the prevailing frost line.

(g) *Subject to damage from: termites.* "Yes" shall be used in locations designated as Regions I, II or III. "No" shall be used in locations designated as Region IV. The map for Termite Infestation Probability in appendix A of CABO, One and Two Family Dwelling Code shall be used to determine the jurisdiction's region.

(h) *Subject to damage from: decay.* "Yes" shall be used in locations designated as moderate to severe and slight to moderate. "No" shall be used in locations designated as none to slight. The Decay Probability map in appendix A of CABO, One and Two Family Dwelling Code shall be used to determine the jurisdiction's decay designation.

(Approved by the Office of Management and Budget under control number 2502-0338)

[50 FR 39599, Sept. 27, 1985, as amended at 59 FR 36695, July 19, 1994]

### § 200.927 Incorporation by reference of minimum property standards.

The Minimum Property Standards as contained in the handbooks identified in § 200.929(b) are incorporated by reference into this section as though set forth in full in accordance with 5 U.S.C. 552(a) and 1 CFR part 51.

[50 FR 39592, Sept. 29, 1985]

### § 200.929 Description and identification of minimum property standards.

(a) *Description.* The Minimum Property Standards describe physical standards for housing. They are intended to

provide a sound basis for determining the acceptability of housing built under the HUD mortgage insurance and low-rent public housing programs. The Minimum Property Standards refer to material standards developed by industry and accepted by HUD. In addition, under Section 521 of the National Housing Act, HUD adopts its own technical suitability standards for materials and products for which there are no industry standards acceptable to HUD. These standards are contained in Use of Materials Bulletins that apply to products and methods and Materials Releases that apply to specific materials. Use of Materials Bulletins and Materials Releases are addenda to the Minimum Property Standards. Unless otherwise stated, the current edition, issue, or version of each of these documents, as available from its source, is applicable to this subpart S. A list of the Use of Materials Bulletins, Materials Releases, and MPS Appendix listing the applicable referenced Standards may be obtained from the Construction Standards Division, Office of Manufactured Housing and Construction Standards, room 6170 Department of Housing and Urban Development, 451 7th Street, SW, Washington, DC 20410.

(b) *Identification.* The Minimum Property Standards have been published as described below:

(1) MPS for One and Two Family Dwellings. See §§ 200.926, 200.926 (a) through (e).

(2) MPS for Housing 4910.1, 1994 edition. This volume applies to buildings and sites designed and used for normal multifamily occupancy, including both unsubsidized and subsidized insured housing, and to care-type housing insured under the National Housing Act. It also includes, in Appendix K, a reprint of the MPS for One and Two Family Dwellings identified in paragraph (b)(1) of this section.

[39 FR 26895, July 24, 1974, as amended at 42 FR 33890, July 1, 1977; 47 FR 29524, July 7, 1982; 47 FR 35761, Aug. 17, 1982; 49 FR 18695, May 1, 1984; 50 FR 39592, Sept. 29, 1985; 51 FR 28699, Aug. 11, 1986; 58 FR 60250, Nov. 15, 1993; 63 FR 5423, Feb. 2, 1998]

#### § 200.929a Fair Housing Accessibility Guidelines.

Builders and developers may use the Department's Fair Housing Accessibility Guideline when designing or constructing covered multifamily dwelling units in order to comply with the Fair Housing Act. The Guidelines may be found in the 24 CFR Chapter I, Subchapter A, Appendix II, titled Fair Housing Accessibility Guidelines—Design Guidelines for Accessible/Adaptable Dwellings.

[58 FR 60250, Nov. 15, 1993]

#### § 200.931 Statement of availability.

(a) Updated copies of the Minimum Property Standards and Use of Materials Bulletins are available for public examination in the Office of Consumer and Regulatory Affairs, Department of Housing and Urban Development, room 9156, 451 Seventh St. SW., Washington, D.C. 20410-8000. In addition, copies of volumes 1, 2, and 3 of the Minimum Property Standards may be purchased from the U.S. Government Printing Office, Washington, D.C. 20402.

(b) Publications approved by the Director of the Federal Register for incorporation by reference in accordance with 5 U.S.C. 552(a) and 1 CFR part 51 are available for inspection at the National Archives and Records Administration (NARA). For information on the availability of this material at NARA, call 202-741-6030, or go to: [http://www.archives.gov/federal\\_register/code\\_of\\_federal\\_regulations/ibr\\_locations.html](http://www.archives.gov/federal_register/code_of_federal_regulations/ibr_locations.html).

[63 FR 5423, Feb. 2, 1998]

#### § 200.933 Changes in minimum property standards.

Changes in the Minimum Property Standards will generally be made every three years. Changes will be made in accordance with HUD policy for the adoption of rules and regulations set forth in part 10 of this title. Notice of such changes will be published in the FEDERAL REGISTER. As the changes are made, they will be incorporated into the volumes of the Minimum Property Standards to which they apply. The volumes available for public examination and for purchase will contain all changes up to the date of examination



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or purchase. An official, historic file of such changes will be available in the office of the Rules Docket Clerk in the HUD Central Office in Washington, DC, and in each HUD Regional, Area, and Insuring Office. A similar copy of the standards will also be maintained in the Office of the Federal Register, Washington, DC.

[39 FR 26895, July 24, 1974, as amended at 58 FR 60250, Nov. 15, 1993]

### § 200.934 User fee system for the technical suitability of products program.

(a) *General.* This section establishes fee requirements for the issuance of Structural Engineering Bulletins (SEBs), Mechanical Engineering Bulletins (MEBs), Truss Connector Bulletins (TCBs), Area Letters of Acceptance (ALAs), Materials Releases (MRs), and review of program administrator applications submitted pursuant to § 200.935 of this title.

(b) *Filing address—(1) Applications containing payment.* When applications for or correspondence concerning SEBs, MEBs, TCBs, MRs, or program administrator approval contain payment, such applications or correspondence shall be sent to the following address:

U.S. Department of Housing and Urban Development, Technical Suitability of Product Fees, P.O. Box 954199, St. Louis, MO. 63195-4199.

(2) *Other correspondence.* All other correspondence concerning SEBs, MEBs, TCBs, MRs, and program administrator acceptance shall be sent to the following address:

Manufactured Housing and Construction Standards Division, Department of Housing and Urban Development, 451 Seventh Street, SW., Attn: Mail Room B-133, Washington, DC 20410.

(3) *Application for ALAs.* Applications for or correspondence concerning ALAs shall be submitted to the Housing Division of the field office having jurisdiction over the area in which the production facility of the system is located, except that applications containing payment shall be addressed to the attention of the Collection Officer for deposit to Account No. 86-09-0300.

(c) *Fees.* Applicants for renewal and applicants for acceptance as program

administrators under § 200.935 of this title shall include the entire processing fee with the application. All other applicants shall submit one half of the required processing fee with each application. The applicant shall pay the balance when the draft issuance is returned to HUD with the applicant's concurrence signature. The Department will not prepare a final document for printing and distribution until it has received the full processing fee. From time to time, as may be necessary, the Department will establish and amend the fee schedule by publication of a Notice in the FEDERAL REGISTER.

(d) *Initial application and review—(1) Content of applications.* Each application shall include only one item. All applications will be promptly processed on receipt by the Department.

(i) With respect to Mechanical Engineering Bulletins (MEBs), Structural Engineering Bulletins (SEBs), Truss Connector Bulletins (TCBs), and Area Letters of Acceptance (ALAs), each structural design shall constitute a different item.

(ii) With respect to Materials Releases (MRs), each product or system shall constitute a different item.

(2) *Revisions.* A recipient of a technical suitability document issued by the Department may apply for revision of that document at any time. The revision may be in the form of an amendment of or supplement to the document, for which the recipient will be charged the applicable revision fee. However, where the Department determines that a proposed revision constitutes a different item, the schedule of fees for initial applications shall apply.

(3) *Renewals.* Each issuance shall be valid for a period of three years from the date of initial issuance or most recent renewal, whichever is later. An applicant shall submit an application for renewal with the entire required fee three months before the expiration of the three-year period. Failure to submit a timely renewal application along with the required fee shall constitute a basis for cancellation of the issuance.

(4) *Initial and revision applications requiring further study or additional data.* In its discretion, the Department may

request an applicant to submit additional data or to conduct further study to supplement or clarify an initial application or an application for revision of a previously issued technical suitability document. If the applicant fails to comply with the Department's request within ninety days of the date of that request or within such longer time as may be specified by the Secretary, the Department will return the application to the applicant. The Department will not refund any fees paid toward an application returned under this paragraph. The application will be considered further only if it is resubmitted along with payment of the full fee as required by these regulations.

(5) *Ineligible applications.* If the Secretary determines that an application or request will not be considered because it is not eligible for issuance of a technical suitability document, the Department will promptly return the application or request, refund any fees paid, and explain why the application or request is ineligible.

(6) *Cancellation of a technical suitability document.* If the Department determines that (i) the conditions under which a technical suitability document was issued have so changed as to affect the production of, or to compromise the integrity of, the material, product, or system approved thereby, or (ii) that the producer has changed its organizational form without notifying HUD, or (iii) that the producer is not complying with the responsibilities it assumed as a condition of HUD's acceptance of its material, product or system, the Department will notify the producer or manufacturer that the technical suitability document may be cancelled. However, before cancelling a technical suitability document, the Department will give the manufacturer reasonable notice in writing of the specific reasons therefore and an opportunity to present its views on why the technical suitability document should not be cancelled. No refund of fees will be made on a cancelled document.

(e) *Identification.* (1) Applications for issuance of a MEB, SEB, TCB, or MR submitted to HUD Headquarters will be identified with a case number. The applicant will be notified of the case number when receipt of the application

is acknowledged. Thereafter, the case number will be used on all correspondence relating to the application. When a final draft of a new document is prepared for publication and distribution, a bulletin or release number will be assigned to the new issuance.

(2) In the case of an application for an ALA submitted to a field office, the application will be processed in accordance with the identification and processing procedures established by the responsible field office. The field office will notify the applicant of receipt of the application and inform the applicant of the procedures that will be followed with respect to the issuance of an ALA.

(Information collection requirements in paragraphs (b), (c), (d)(1), (2), (3) and (4) were approved by the Office of Management and Budget under control number 2502-0313)

[49 FR 31856, Aug. 9, 1984, as amended at 58 FR 60250, Nov. 15, 1993]

**§ 200.935 Administrator qualifications and procedures for HUD building products certification programs.**

(a) *General.* This section establishes administrator qualifications and procedures for the HUD Building Products Certification Programs under section 521 of the National Housing Act and the HUD Minimum Property Standards. Under these programs organizations acceptable to HUD validate manufacturers' certifications that certain building products or materials meet applicable standards. HUD may decide to implement a certification program for a particular building product or material for a variety of reasons, such as when deemed necessary by HUD to facilitate the introduction of new and innovative products or materials; or in response to reports of fraud or misrepresentation by manufacturers in advertising that their product or materials comply with a standard.

(b) *Definitions*—(1) *Certification program* ("program"). The procedure under which accepted administrators validate manufacturers' certifications that particular building products or materials meet applicable HUD standards. A separate program is used to validate certifications for each particular product or material for which HUD requires certifications.

(2) *Program administrator* (“*administrator*”). An organization which conducts the program validating the manufacturer’s certification that a particular building product or material meets applicable HUD standards.

(c) *Administrator qualifications and application procedures*—(1) *Qualifications*. Each program administrator shall be capable of conducting a certification program with respect to organization, staff and facilities, and have a reputation for adhering to high ethical standards. To be considered acceptable for conducting a certification program, each administrator shall:

(i) Be a technically qualified organization with past experience in the administration of certification programs. The certification program(s) shall be under the supervision of a qualified professional with six years of experience in interpreting testing standards, test methods, evaluating test reports and quality control programs. Each administrator is responsible for staffing the program with qualified professional personnel with experience in interpreting testing standards, test methods, evaluating test reports and quality control programs. The staff shall be adequate to service all aspects of the program.

(ii) Have field inspectors trained to make selections of materials for testing from manufacturer’s stock or from distributors’ establishments and to conduct product compliance inspections. Such inspectors must be trained and experienced in evaluating manufacturer’s quality control records to ascertain with a reasonable degree of assurance that continuing production remains in compliance with the applicable standard set forth in the Use of Materials (UM) Bulletin. When inspectors are used to evaluate laboratory operations, they shall be qualified and under the supervision of the administrator. They shall be knowledgeable in such areas as test methods, quality control, testing techniques, and instrument calibration.

(iii) Have facilities and capabilities for communications with manufacturers, laboratories, and HUD, including publication of a directory of certified products and a list of accredited laboratories, if required by the program.

(iv) Have adequate policies and practices for preserving information entrusted to its care. HUD reserves the right to review all technical records related to the program for the purpose of monitoring.

(v) Have a copy of all applicable standards, test methods and related information necessary to carry out the program.

(vi) Have a registered or pending certification mark at the United States Patent Office and be willing to license, on a uniform basis, the use of that mark by manufacturers as a validation of the manufacturer’s certification that the product complies with the applicable standard.

(2) *Applications procedures*. Any organization desiring HUD acceptance as a qualified administrator to conduct a certification program shall make application in writing to the Director, Office of Architecture and Engineering Standards. The application shall state the particular certification program for which acceptance is requested and include information indicating compliance with each of the qualification requirements by number and subsection. Attached to the application shall be:

(i) A list of certification programs in which the organization is participating or has participated and the types of participation (sponsor, administrator, testing laboratory, etc.).

(ii) A procedural guide used in one of these programs.

(iii) A directory or listing used in one of these programs.

(iv) A reproduction or facsimile of the organization’s registered or pending mark.

(v) A proposed procedural guide for the particular certification program. HUD certification program procedures described in paragraph (d) of this section shall be followed.

(3) *Acceptance*. HUD shall review each submission and notify the applicant whether or not they are accepted or rejected. HUD shall be notified immediately of any change(s) in the administrator’s submission regarding program procedures and/or major personnel associated with the program. HUD reserves the right to suspend or debar an administrator in accordance with 2 CFR part 2424.

(d) *HUD building products certification procedures*—(1) *Certification program development.* Certification program development by an administrator shall be based upon the procedures and standards for the specific building product described in a Use of Materials Bulletin or a Materials Release.

(2) *License agreement.* Each administrator shall have a written license agreement with each participating manufacturer binding each to the provisions of the specific program and authorizing the manufacturer to use the administrator's mark, seal, or label on its products. The administrator shall have the right to terminate any agreement prior to an expiration date, for example, if there has been a breach of the requirement of the certification program by the manufacturer.

(3) *Laboratory approval.* The administrator shall review laboratories that apply for participation in this program on the basis of the procedures described in paragraph (e) of this section. A list of approved laboratories shall be maintained by the administrator. When the certification program allows the use of the administrator's testing laboratories, the laboratories shall be reviewed by a qualified party acceptable to HUD. As accreditation procedures are made available through the National Voluntary Laboratory Accreditation Program (NVLAP) for specific products, HUD may require such accreditation.

(4) *Initial testing and quality control review*—(i) *Initial testing.* Each participating manufacturer shall submit to the appropriate administrator, the product(s) specification and statement(s) that the product complies with the applicable standard. The administrator shall select samples of the product(s), or when HUD specifies as acceptable, a prototype. The particular method of sample selection shall be determined by HUD for each specific product certification program. Other methods of initial sample selection may be used if deemed necessary. If a failure occurs on the initial tests, additional sampling and testing may be done at the manufacturer's request. The administrator's validation of the manufacturer's declaration of certifi-

cation shall be withheld until a finding of compliance is achieved.

(ii) *Quality assurance system review.* (A) Each administrator shall examine a participating manufacturer's facilities and quality assurance system procedures to determine that they are adequate to assure continuing production of the product that complies with the applicable standard. These quality assurance system procedures shall be documented in the administrator's and the manufacturer's files. If a manufacturer's quality assurance system is not satisfactory to the administrator, validation of the manufacturer's declaration of certification shall be withheld. The following American Society for Quality Control (ASQC) standards, which are incorporated by reference, may be used as guidelines in any quality assurance review:

(1) ASQC Q9000-1-1994 Quality Management and Quality Assurance Standards Guidelines for Selection and Use;

(2) ASQC Q9001-1994 Quality Systems—Model for Quality Assurance in Design, Development, Production, Installation, and Servicing;

(3) ASQC Q9002-1994 Quality Systems—Model for Quality Assurance in Production, Installation, and Servicing;

(4) ASQC Q9003-1994 Quality Systems—Model for Quality Assurance in Final Inspection and Test;

(5) ASQC Q9004-1-1994 Quality Management and Quality System Elements-Guidelines.

(B) These standards have been approved by the Director of the Federal Register for incorporation by reference in accordance with 5 U.S.C. 552(a) and 1 CFR part 51. They are available from the American Society for Quality Control (ASQC), 611 East Wisconsin Avenue, Milwaukee, WI 53202.

(5) *Notice of validation.* When initial testing, quality control review, and evaluation of other technical data are satisfactory to the administrator, a Notice of Validation or Certification shall be issued to the manufacturer. This allows the use of the administrator's registered mark on the product label.

(6) *Labeling.* Each administrator shall issue to the manufacturer labels, tags, marks containing the administrator's

validation mark, and the manufacturer's certification of compliance with the applicable standard. The registered administrator's (validator's) mark shall be on the label. A sponsor's (association, testing agencies, society or others) mark may be used in addition to the administrator's mark. The manufacturer's certification of compliance to the standard may be coded. Additional information such as type, grade, class, etc., may also be coded. When coding is used, the code shall be described in the directory or listing.

(7) *Directory or listing.* When required by the program, the administrator shall publish a directory or listing for all certified products. The directory shall list the items described in paragraph (d)(6) of this section. The directory shall also carry a complete list of approved laboratories and shall be updated to reflect additions or deletions of certified products and laboratories. Directories or listings shall be published periodically as described in the specific program. Each administrator shall make a complimentary distribution of the directory or listing to the HUD Field Offices and other government agencies designated by HUD. A subscription fee may be charged to others requesting copies.

(8) *Periodic tests and quality control inspections.* Samples of the certified product or prototype shall be selected periodically from the plant, warehouse inventory or sales points. The samples shall be sent to an administrator-approved laboratory and tested in accordance with the applicable standard. The frequency of testing shall be described in the specific building product program. The administrator shall periodically visit the manufacturer's facility to assure that the initially accepted quality control procedures are being followed.

(9) *Product decertification.* If a failure should occur in any test, the laboratory shall notify the administrator and the manufacturer. The manufacturer shall notify the administrator if a retest is requested. If a retest is not requested, validation shall be withdrawn. If the manufacturer requests a retest, the administrator shall select new samples and submit them to the same or another laboratory at the manufac-

turer's expense, for retest of only the test requirement(s) in which the failure(s) occurred. If the specified number of specimens pass the retest, the product can continue to be validated and listed. If the designated number of specimens described in the UM Bulletin fail, the administrator shall decertify the product. The manufacturer may request that a new selection be made of the product after correction or modifications and be subjected to the initial acceptance testing procedure or to a program of retesting established by the administrator. The administrator may decertify the product on the basis of inadequate quality control by the manufacturer. The administrator shall notify the manufacturer, HUD headquarters and the HUD Field Offices of any decertification within 7 days. When the product is decertified the manufacturer shall remove labels, tags or marks from all production and inventory in his/her control determined to be in noncompliance.

(10) *Challenge response.* Any person or organization may submit a sample of a manufacturer's certified product to the administrator in substantiation of a claim of noncompliance. Submission shall be made to the administrator that validated the manufacturer's product. The administrator shall notify the manufacturer that its product has been challenged and shall make arrangements to obtain test samples of the challenged product. An estimate of the cost of the special sample selection and testing shall be made to the complainant. The complainant shall pay the estimated cost of the investigation in advance of any testing of the challenged product, unless HUD believes the complaint to be in the public's interest. HUD may conduct its own investigation when deemed necessary based upon a complaint or a product failure. The administrator shall submit the sample of the challenged product to an approved laboratory of the administrator's choice with the request to test compliance of only the challenged requirement(s). If the samples tested prove that the product failed to meet the standard, the product shall be decertified immediately. The manufacturer whose product is decertified shall reimburse the administrator for all

costs of the investigation and the administrator shall refund the complainant's advance payment. If the tests prove that the product does comply with the standard, the complainant shall be notified that the tests do not support the complaint and that the advance fee has been used for the cost of testing and investigating the claim.

(1) *Maintainance of the program.* Each administrator shall maintain the program in conformance with administrative letters issued by HUD for the purpose of clarifying procedures and interpreting the applicable standard. These letters may also be used to revise and amend the procedures used in specific programs. Significant changes in any program shall be published in the FEDERAL REGISTER.

(e) *Laboratory qualifications.* The following laboratory qualifications apply to all testing laboratories participating in the program including manufacturer's laboratories and the administrator's own laboratories when designated in the specific program.

(1) *Organization and personnel.* Laboratories wishing to participate in a certification program shall apply to the administrator and shall furnish the following information:

(i) Name of laboratory, address, telephone number, name and title of official to be contacted for this program.

(ii) Name and qualifications of person assigned by the laboratory to supervise testing under a specific certification program.

(iii) Name and qualifications of engineers and other key personnel who shall conduct the testing.

(iv) Brief review of training program for personnel associated with program to assure the operational efficiency and uniformity of the testing and quality control procedures.

Each laboratory shall notify the administrator of any change in its submission regarding procedures and/or major personnel associated with the program.

(2) *Equipment and facilities.* Each laboratory shall:

(i) Describe the test instruments and testing facilities to be used in making the test(s) required by the applicable standard. Information shall include: Item of equipment, manufacturer, type

or model, serial number, range, precision, frequency of calibration and dates of calibration.

(ii) Provide photographs of the listed equipment.

(iii) Provide a description of the applicable standards and calibration equipment being used and the calibration procedures followed, including National Bureau of Standards traceability, when applicable. List outside organizations providing calibration services, if used.

(iv) Demonstrate that measurements can be made with existing equipment and repeated precision within the limits established by the applicable standards. Administrator may periodically require laboratories to conduct collaborative testing on standard reference materials.

(v) Provide evidence, when regulated temperatures and humidity are required, that charts are maintained from a continuous recorder registering both wet and dry bulb temperature or relative humidity. The charts are to be properly dated, retained and available for inspection.

(vi) Provide a list of standards, test methods and other information necessary to carry out the program.

(3) *Testing methodology.* (i) Describe concisely the procedures for conducting the tests required and the specific equipment to be used.

(ii) Attach a sample test report showing representative test results and accompanied by test data forms for each test required. When approved for program participation, testing laboratories may be required by administrator to report test results on standard summary report forms.

(4) *Subcontractors.* If a testing laboratory plans to subcontract any of its testing to other laboratories, only approved laboratories acceptable to the administrator shall be used.

(5) *Laboratory quality control.* The laboratory shall develop operating quality control procedures acceptable to the administrator. The procedures of the American Council of Independent Laboratories<sup>1</sup> may be used as a guideline.

<sup>1</sup>Copies are available from the American Council of Independent Laboratories, Inc., 1725 "K" Street, NW., Washington, DC 20006.

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(6) *Approval of laboratories.* Administrators shall develop detailed laboratory approval requirements and conduct periodic inspections to assure each test laboratory's capability. Laboratory approval may be granted for 2 years. Reapproval of the laboratory shall be necessary every 2 years. When a program allows the use of an administrator's own laboratories, these laboratories shall be reviewed by a qualified third party acceptable to HUD. Documentation of acceptance for administrator laboratories shall be maintained by the administrator and HUD. Administrator laboratories shall be subject to reapproval every two years.

(7) *Withdrawal of approval.* Laboratory approval shall be withdrawn or temporarily suspended if it is determined that the laboratory is not complying with the approved requirements. Causes for suspension include, but are not limited to, the following:

- (i) Incompetence.
- (ii) Failure to test in accordance with the test methods described in the standard.
- (iii) Issuance of test reports which fail to comply with the requirements described in the specific product certification program.
- (iv) Falsification of the information reported.
- (v) A statement implying validation of the product using a test report which constitutes only part of the total standard.
- (vi) Deceptively utilizing references in advertising or other promotional activities.
- (vii) Submission of incomplete or inadequate information and documentation called for herein.

[44 FR 54656, Sept. 20, 1979, as amended at 63 FR 5423, Feb. 2, 1998; 72 FR 73494, Dec. 27, 2007]

**§ 200.936 Supplementary specific procedural requirements under HUD building products certification program for solid fuel type room heaters and fireplace stoves.**

(a) *Applicable standards.* Solid fuel type room heaters and fireplace stoves certified under the HUD Building Products Certification Program shall be designed, assembled and tested in con-

formance with the following standards, which are incorporated by reference:

(1) ANSI/UL 737 (1978), for fireplace stoves;

(2) ANSI/UL 1482 (1979), for solid fuel type room heaters with coal amendments.

(b) *Labelling.* (1) Under the procedures set forth in paragraph (d)(6) of § 200.935, concerning labelling 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. In the case of solid fuel type room heaters and fireplace stoves, the following additional information must be included on the certification label:

- (i) The manufacturer's statement of conformance to the HUD Building Products Certification Program;
- (ii) The manufacturer's name and the identity and location of manufacturing plant;
- (iii) The specification designation and manufacturer series or model number; and
- (iv) The type of fuel to be used.

(2) The certification label must be permanently affixed to the heater or stove and be readily visible after the heater or stove is installed.

(c) *Periodic tests and quality control inspections.* Under the procedures set forth in paragraph (d)(8) of § 200.935, concerning periodic tests and quality control inspections, the frequency of testing for a product must be described in the specific building product certification program. In the case of solid fuel type room heaters and fireplace stoves, testing and inspection shall be conducted as follows:

(1) Once every four years, beginning with the initial administrator visit, a sample of each certified product shall be selected by the administrator for testing for compliance with the applicable standards in a laboratory which has been accredited under the National Voluntary Laboratory Accreditation Program.

(2) The administrator shall visit the manufacturer's facility two times a

year to assure that the initially accepted quality control procedures are being followed.

[48 FR 1955, Jan. 17, 1983]

**§ 200.937 Supplementary specific procedural requirements under HUD building product standards and certification program for plastic bathtub units, plastic shower receptors and stalls, plastic lavatories, plastic water closet bowls and tanks.**

(a) *Applicable standards.* (1) Plastic bathtub units, plastic shower receptors and stalls, plastic lavatories, and plastic water closet bowls and tanks shall be designed, assembled and tested in compliance with the following standards, which are incorporated by reference:

ANSI Z124.1—(1980) Plastic Bathtub Units  
ANSI Z124.2—(1980) Plastic Shower Receptors and Stalls  
ANSI Z124.3—(1980) Plastic Lavatories  
ANSI Z124.4—(1983) Plastic Water Closet Bowls and Tanks

(2) These standards have been approved by the Director of the Federal Register for incorporation by reference. They are available from the American National Standards Institute, Inc., 11 West 42nd Street, New York, NY 10036. The standards are also available for inspection at the National Archives and Records Administration (NARA). For information on the availability of this material at NARA, call 202-741-6030, or go to: [http://www.archives.gov/federal\\_register/code\\_of\\_federal\\_regulations/ibr\\_locations.html](http://www.archives.gov/federal_register/code_of_federal_regulations/ibr_locations.html).

(b) *Labeling.* (1) Under the procedures set forth in paragraph (d)(6) of § 200.935, 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. In the case of plastic bathtub units, plastic shower receptors and stalls, plastic lavatories, and plastic water closet bowls and tanks, the following additional information shall be included on the certification label:

(i) Manufacturer's statement of conformance to UM 73a;

(ii) Manufacturer's name and code identifying the plant location.

(2) The certification label shall be affixed to each plastic bathroom fixture.

(c) *Periodic tests and quality control inspections.* Under the procedures set forth in paragraph (d)(8) of § 200.935, concerning periodic tests and quality control inspections, the frequency of testing for a product shall be described in the specific building product certification program. In the case of plastic bathroom fixtures, 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 plastic bathtub unit, plastic shower receptor and stall, plastic water closet bowl and tank for testing in an approved laboratory, in accordance with applicable standards.

(2) At least every twelve months, the administrator shall visit the manufacturer's facility to select a sample of each certified plastic lavatory for testing in accordance with applicable standards.

(3) The administrator shall also review quality control procedures at each visit to determine that they continue to be followed.

[49 FR 378, Jan. 4, 1984, as amended at 59 FR 36695, July 19, 1994]

**§ 200.940 Supplementary specific requirements under the HUD building product standards and certification program for sealed insulating glass units.**

(a) *Applicable standards.* (1) All sealed insulating glass units shall be designed, manufactured, and tested in compliance with the American Society for Testing and Materials standard: ASTM E-774-92 Standard Specification for Sealed Insulating Glass Units.

(2) This standard has been approved by the Director of the Federal Register for incorporation by reference. The standard is available from the American Society for Testing and Materials, 1916 Race Street, Philadelphia, PA 19103. This standard is also available for inspection at the National Archives and Records Administration (NARA). For information on the availability of this material at NARA, call 202-741-6030, or go to: <http://www.archives.gov/>



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(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 issued by the administrator to the manufacturer. Each sealed insulating glass unit shall be marked as conforming to UM 82a. The label shall be located on each sealed insulating unit so that it is available for inspection. The label shall include the manufacturer's name and plant location.

(c) *Periodic tests and quality assurance inspections.* Under the procedures set forth in §200.935(d)(8) concerning periodic tests and quality assurance inspections, the frequency of testing for a product shall be described in the specific building product certification program. In the case of sealed insulating glass units, testing and inspection shall be conducted as follows:

(1) At least once a year, the administrator shall visit the manufacturer's facility to select a sample, of the maximum size commercially available, for testing in a laboratory approved by the administrator.

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

[58 FR 67674, Dec. 22, 1993]

**§ 200.942 Supplementary specific procedural requirements under HUD building product standards and certification program for carpet and carpet with attached cushion.**

(a) *Applicable standards.* (1) Carpet and carpet with attached cushion certified for this program shall be designed, manufactured and tested in accordance with the following standards:

- (i) AATCC 20A-81—Fiber Analysis: Quantitative;
- (ii) AATCC 16E-82—Colorfastness to Light: Water-Cooled Xenon-Arc Lamp, Continuous Light;
- (iii) AATCC 8-85—Colorfastness to Crocking: AATCC Crockmeter Method;
- (iv) AATCC 24-85—Insect, Resistance to Textiles to;

(v) ASTM D1335-67 (Reapproved 1972)—Standard Test Method for Tuft Bind of Pile Floor Coverings;

(vi) ASTM D3676-78 (Reapproved 1983)—Standard Specification for Rubber Cellular Cushion Used for Carpet or Rug Underlay;

(vii) ASTM E648-78—Standard Test Method for Critical Radiant Flux of Floor-Covering Systems Using a Radiant Heat Energy Source;

(viii) ASTM D2646-79—Standard Methods of Testing Backing Fabrics;

(ix) ASTM D3936-80—Standard Test Method for Delamination Strength of Secondary Backing of Pile Floor Coverings;

(x) ASTM D297-81—Standard Methods for Rubber Products—Chemical Analysis;

(xi) ASTM D418-82—Standard Methods of Testing Pile Yarn Floor Covering Construction; and

(xii) National Bureau of Standards DOC FF 1-70. (ASTM D2859-76)—Standard Test Method for Flammability of Finished Textile Floor Covering Materials.

(2) These standards have been approved by the Director of the Federal Register for incorporation by reference. They are available from the (i) American Association of Textile Chemists and Colorists (AATCC), P.O. Box 12215, Research Triangle Park, NC 27709;

(ii) American Society for Testing and Materials (ASTM), 1916 Race Street, Philadelphia, PA 19103; and

(iii) U.S. Department of Commerce, National Bureau of Standards, Washington, DC 20234.

The standards are also available for inspection at the National Archives and Records Administration (NARA). For information on the availability of this material at NARA, call 202-741-6030, or go to: [http://www.archives.gov/federal\\_register/code\\_of\\_federal\\_regulations/ibr\\_locations.html](http://www.archives.gov/federal_register/code_of_federal_regulations/ibr_locations.html).

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(b) *Labeling.* (1) Under the procedures set forth in §202.935(d)(6), concerning labeling of a product, the administrator's validation mark and the manufacturer's certification of compliance with the applied standard is required to be on the certification label issued by the administrator to the manufacturer. In

the case of carpet and carpet with attached cushion, the following additional information shall be included on the certification label, mark or stamp:

(i) Manufacturer's name or code identifying the manufacturing plant location; and

(ii) Manufacturer's statement of compliance with UM 44d.

(2) The certification mark shall be applied to each carpet at intervals of at least every six feet, not less than one foot from the edge.

(c) *Periodic tests and quality control inspections.* (1) Five samples of carpet and carpet with attached cushion shall be tested annually by the administrator or by an administrator-approved laboratory. Three samples of each certified quality shall be taken from the plant annually. Of these, two shall be interim samples (taken every six months) and one an annual sample. In addition, two samples of each certified quality shall be taken annually from sources other than the manufacturer, *i.e.*, brought in the market place from distributors or stores, not from the factory. The administrator shall select samples for testing, and testing shall be conducted, in accordance with the applicable standards in a laboratory accredited by the National Voluntary Laboratory Accreditation Program (NVLAP) of the National Bureau of Standards, U.S. Department of Commerce.

(2) The administrator shall visit the manufacturer's facility at least once every six months to assure that the initially accepted quality control procedures continue to be followed.

[51 FR 17928, May 16, 1986]

**§ 200.943 Supplementary specific requirements under the HUD building product standards and certification program for the grademarking of lumber.**

(a) *Applicable standard.* (1) In accordance with UM 38j, lumber shall be grademarked in compliance with the U.S. Department of Commerce Voluntary Product Standard PS 20-94 American Softwood Lumber Standard.

(2) This standard has been approved by the Director of the Federal Register for incorporation by reference in accordance with 5 U.S.C. 552(a) and 1 CFR

part 51. It is available from the U.S. Department of Commerce, NIST, Office of Voluntary Product Standards, Gaithersburg, MD 20899.

(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 standard are required on the certification label issued by the administrator to the manufacturer. However, in the case of grademarking of lumber, the following information shall be included on the certification label or mark:

(1) The registered symbol which identifies the grading agency;

(2) Species or species combination;

(3) Grade;

(4) Identification of the applicable grading rules when not indicated by the species identification or agency symbol;

(5) Mill or grader;

(6) For members which are less than 5 inches in nominal thickness, indication that the lumber was green or dry at the time of dressing;

(7) Indication that the lumber was finger jointed; and

(8) The certification mark shall be affixed to each piece of lumber.

(c) *Periodic tests and quality assurance.* Periodic tests and quality assurance inspections shall be carried out by the American Lumber Standard Committee as defined in PS 20-94.

[63 FR 5423, Feb. 2, 1998]

**§ 200.944 Supplementary specific requirements under the HUD building product standards and certification program for plywood and other performance rated wood-based structural-use panels.**

(a)(1) All plywood made to specifications of Voluntary Product Standard, PS 1-83, "Construction and Industrial Plywood" (published by the U.S. Department of Commerce, National Bureau of Standards (May 1984)) and grade marked as PS 1-83 shall conform to the requirements of PS 1-83, except that all veneers may be D-grade. A copy of PS

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1-83 may be obtained from the U.S. Department of Commerce, National Institute for Standards and Technology, Office of Product Standards, Gaithersburg, MD 20899.

(2) All plywood panels not meeting the veneer grade requirements of PS 1-83, and all performance rated composite and nonveneer structural-use panels shall comply with the requirements described in the APA PRP-108, "Performance Standards and Policies for Structural-Use panels" (published by the American Plywood Association, June 1988). However, in ASTM D-3043-87, "Standard Methods of Testing Structural Panels in Flexure" (published by the American Society for Testing and Materials, August 28, 1987), Method B may be used in lieu of Method C for measuring the mechanical properties of the panel, provided that the test specimen has a width of at least 12 inches. The impact load shall be 150 ft. lbs. for single-layer floor panels excluding any floor finishes. Copies of the APA Standard may be obtained from the American Plywood Association, P.O. Box 11700, Tacoma, WA 98411-0770. Copies of the ASTM Standard may be obtained from the American Society of Testing and Materials, 1916 Race Street, Philadelphia, PA 19103.

(3) Structural-use panels shall be installed in accordance with the manufacturer's installation instructions and Form No. E30K, "APA Design/Construction Guide-Residential and Commercial" (published by the American Plywood Association, January 1989).

(4) These standards have been approved by the Director of the Federal Register for incorporation by reference in accordance with 5 U.S.C. 552(a) and 1 CFR part 51. Copies of the standards are available for inspection at the National Archives and Records Administration (NARA). For information on the availability of this material at NARA, call 202-741-6030, or go to: [http://www.archives.gov/federal\\_register/code\\_of\\_federal\\_regulations/ibr\\_locations.html](http://www.archives.gov/federal_register/code_of_federal_regulations/ibr_locations.html).

(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. Panels that conform to the Performance Standards and Policy for Structural-Use Panels shall be marked as conforming to UM 40c. All panels complying with APA PRP-108 shall be marked with a label formatted in the manner similar to the trademark examples shown in APA PRP-108. All panels will be marked with the mill number. The certification mark shall be stamped on each panel and be located so that it is available for inspection.

(c) *Periodic tests and quality control inspections.* Under the procedures set forth in §200.935(d)(8) concerning periodic tests and quality control inspections, the frequency of testing for a product shall be described in the specific building product certification program. In the case of plywood and wood-based structural-use panels, testing and inspection shall be conducted as follows:

(1) Testing shall be done in an Administrator's laboratory or an Administrator-approved laboratory every three months. All plywood qualified for conformance with PS 1-83 shall be tested in accordance with PS 1-83.

(2) All thickness and lay-ups of structural-use panels in production made in conformance with the Performance Standards shall be tested in accordance with procedures set forth in APA PRP-108 Performance Standards and Policies for Structural-Use Panels (published by the American Plywood Association Standard June 1988).

(3) The Administrator shall examine each manufacturer's quality control procedures to assure they are the same as or equivalent to those set forth under the Quality Assurance Policy section 4.2.3 of the publication referenced in paragraph (2) above or PS 1-83 section 3.8.6.6, Reexamination.

(4) The Administrator shall inspect the manufacturer's procedures at the plant at least every three months to assure that the initially accepted quality control procedures are being followed.

[55 FR 38785, Sept. 20, 1990]

**§ 200.945 Supplementary specific requirements under the HUD building product standards and certification program for carpet.**

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

(i) ASTM D418-92—Standard Test Methods for Tuft and Yarn Length of Uncoated Floor Coverings;

(ii) ASTM D1335-67—(Reapproved 1972) Standard Test Method for Tuft Bind of Pile Floor Coverings;

(iii) ASTM D 2646-87—Standard Test Methods for Backing Fabrics;

(iv) ASTM D 3936-80—Standard Test Method for Delamination Strength of Secondary Backing of Pile Floor Coverings;

(v) AATCC Test Method 16e-82—Colorfastness to Light: Water-Cooled Xenon-Arc Lamp, Continuous Light;

(vi) AATCC Test Method 165-86—Colorfastness to Crocking: Carpets—AATCC Crock Meter Method;

(vii) ASTM D 3676-78—(Reapproved 1989) Standard Specification for Rubber Cellular Cushion Used for Carpet or Rug Underlay;

(viii) ASTM D 3574-91—Standard Test Methods for Flexible Cellular Materials—Slab, Bonded and Molded Urethane Foams.

(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 and Materials, 1916 Race Street, Philadelphia, PA 19103 and the American Association of Textile Chemists and Colorists, P.O. Box 12215, Research Triangle Park, NC 27709. These standards are also available for inspection at the National Archives and Records Administration (NARA). For information on the availability of this material at NARA, call 202-741-6030, or go to: [http://www.archives.gov/federal\\_register/code\\_of\\_federal\\_regulations/ibr\\_locations.html](http://www.archives.gov/federal_register/code_of_federal_regulations/ibr_locations.html).

(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 UM 44d are required to be on the certification label issued by the Administrator to the manufacturer. The label shall be placed on each carpet every six feet not less than one foot from the edge.

(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) Every six months, three samples and one annual field sample of carpet shall be submitted to the Administrator for testing in a laboratory accredited by the National Voluntary Laboratory Accreditation Program of the U.S. Department of Commerce.

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

[58 FR 67674, Dec. 22, 1993]

**§ 200.946 Building product standards and certification program for exterior finish and insulation systems, use of Materials Bulletin UM 101.**

(a) *Applicable standards:* (1) All Exterior Finish and Insulation Systems shall be designed, manufactured, and tested in compliance with the following standards:

(i) ASCE 7-93, American Society of Civil Engineers—Minimum Design Loads for Buildings and Other Structures.

(ii) ASTM C 150-94 Standard Specification for Portland Cement.

(iii) ASTM C 920-87 Standard Specification for Elastomeric Joint Sealants.

(iv) ASTM C-1186-91 Standard Specification for Flat Non-Asbestos Fiber-Cement Sheets.

(v) ASTM D 579-90 Standard Specification for Greige Woven Glass Fabrics.

(vi) ASTM D 3273-86—(Reapproved 1991) Standard Test Method for Resistance to Growth of Mold on the Surface of Interior Coatings in an Environmental Chamber.

(vii) ASTM E 330-90 Standard Test Method for Structural Performance of Exterior Windows, Curtain Walls, and Doors by Uniform Static Air Pressure Difference.

(viii) ASTM E 695–79 (Reapproved 1991), Standard Method of Measuring Relative Resistance of Wall, Floor, and Roof Construction to Impact Loading.

(ix) ASTM G 26–93 Standard Practice for Operating Light-Exposure Apparatus (Xenon-Arc Type) With and Without Water for Exposure of Nonmetallic Materials.

(x) Council of American Building Officials, Model Energy Code, 1993 Edition.

(xi) EIMA Test Method 101.01–95 (modified ASTM C67–91) Standard Test Method for Freeze/Thaw Resistance of Exterior Insulation and Finish Systems (EIFS), Class PB.

(xii) EIMA Test Method 101.02–95 (modified ASTM E331–91)—Standard Test Method for Resistance to Water Penetration of Exterior Insulation and Finish Systems (EIFS), Class PB.

(xiii) EIMA Test Method 101.03–95 (modified ASTM C297–91)—Standard Test Method for Determining the Tensile Adhesion Strength of an Exterior Insulation and Finish System (EIFS), Class PB.

(xiv) EIMA Test Method 105.01–95—Standard Test Method for Alkali Resistance of Glass Fiber Reinforcing Mesh for Use in Exterior Insulation and Finish Systems (EIFS), Class PB.

(xv) European Agreement Union Technical Committee—June 88—UEAtc Directives for the Assessment of External Insulation System for Walls (Expanded Polystyrene Insulation Faced with a Thin Rendering) Section 3.3.3.3.

(2) These standards have been approved by the Director of the Federal Register for incorporation by reference in accordance with 5 U.S.C. 552(a) and 1 CFR part 51. They are available from:

(i) American Society Civil Engineers (ASCE) 345 East 47th Street, New York, NY 10017.

(ii) American Society for Testing and Materials (ASTM), 1916 Race Street, Philadelphia, Pennsylvania 19103;

(iii) Council of American Building Officials, 5203 Leesburg Pike, Falls Church, Virginia 22041;

(iv) EAUTC Centre Scientifique ET Technique Du Batiment (CSTB), 84 Avenue Jesu Jaures, B.P. 02–77421 Marne-LA-Valee Cedex 2, Paris, France.

(v) Exterior Insulation Manufacturers Association (EIMA), 2759 State

Road 580, Suite 112, Clearwater, Florida 34621–3350.

(3) The standards are available also for inspection at the Office of Manufactured Housing and Regulatory Functions, Standards and Products Branch, Department of Housing and Urban Development, room 3214, L'Enfant Plaza, 490E, Mail Room B–133, Washington, DC 20410–8000, and at the National Archives and Records Administration (NARA). For information on the availability of this material at NARA, call 202–741–6030, or go to: [http://www.archives.gov/federal\\_register/code\\_of\\_federal\\_regulations/ibr\\_locations.html](http://www.archives.gov/federal_register/code_of_federal_regulations/ibr_locations.html).

(b) *Labeling*. Under the procedures as 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 applied standard is required to be on the certification label issued by the administrator to the manufacturers. In the case of exterior wall insulation and finish systems, the certification label containing the administrator's mark shall be permanently affixed on the package or container of base and finish coating materials. Further, additional information shall be included on the certification label or mark:

(1) Manufacturer's name.

(2) Manufacturer's statement of conformance with UM 101.

(c) The Administrator shall visit the manufacturer's or sponsor's facility every 6 months, to assure that the initially accepted quality assurance procedures are being followed. At least every four years, the Administrator also shall have the exterior wall insulation and finish systems tested in an approved laboratory to assure that the original performance is maintained.

(d) The administrator's (or administration-accepted inspection agency) inspection of EFIS system installation of 5000 sq. ft. or more, shall be made during and upon completion of the construction. Reports of the inspection shall be made to the owner. These reports shall state:

(1) The coverage of the finish coat per square foot for a given volume of finish.

(2) The minimum thickness of the base and finish coatings.

(3) The fiberglass mesh is installed properly around joints and insulation. All penetrations, including windows, flashing, etc., are sealed; and there is a caulk and sealant continuity evaluation; and

(4) There is a caulk and sealant continuity evaluation with special concerns on maintenance.

(e) The manufacturer shall warrant their exterior wall insulation and finish system, including any caulks and sealants, for twenty years against faulty performance. The warranty shall include correction of delamination, chipping, denting, peeling, blistering, flaking, bulging, unsightly discoloration, or other serious deterioration of the system such as the intrusion of water through the wall or structural failure of the system's surface materials. Should any of these defects occur, the manufacturer shall make a pro-rata allowance for replacement or pay the owner the amount of the allowance. The manufacturer shall not be liable for damages or defects resulting from misuse, natural catastrophes, or other causes beyond the control of the manufacturer. The contractor shall provide a statement to the owner that the product has been installed in compliance with HUD requirements and that the manufacturer's warranty does not relieve the builder, in any way, of responsibility under the terms of the Builder's Warranty required by the National Housing Act, or under any other housing program.

[60 FR 47841, Sept. 14, 1995]

**§ 200.947 Building product standards and certification program for polystyrene foam insulation board.**

(a) *Applicable standards.* (1) All polystyrene foam insulation board shall be designed, manufactured, and tested in compliance with the American Society for Testing and Materials (ASTM) standard C-578-92, Standard Specification for Rigid, Cellular Polystyrene Thermal Insulation.

(2) This standard has been approved by the Director of the Federal Register for incorporation by reference. The standard is available from the American Society for Testing and Materials, 1916 Race Street, Philadelphia, PA 19103. This standard is also available

for inspection at the National Archives and Records Administration (NARA). For information on the availability of this material at NARA, call 202-741-6030, or go to: [http://www.archives.gov/federal\\_register/code\\_of\\_federal\\_regulations/ibr\\_locations.html](http://www.archives.gov/federal_register/code_of_federal_regulations/ibr_locations.html).

(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 and the type of board 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 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.

[58 FR 67675, Dec. 22, 1993]

**§ 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.

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(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 National Archives and Records Administration (NARA). For information on the availability of this material at NARA, call 202-741-6030, or go to: [http://www.archives.gov/federal\\_register/code\\_of\\_federal\\_regulations/ibr\\_locations.html](http://www.archives.gov/federal_register/code_of_federal_regulations/ibr_locations.html).

(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.

[58 FR 67675, Dec. 22, 1993]

**§ 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 National Archives and Records Administration (NARA). For information on the availability of this material at NARA, call 202-741-6030, or go to: [http://www.archives.gov/federal\\_register/code\\_of\\_federal\\_regulations/ibr\\_locations.html](http://www.archives.gov/federal_register/code_of_federal_regulations/ibr_locations.html).

(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.

[58 FR 67675, Dec. 22, 1993]

**§ 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 National Archives and Records Administration (NARA). For information on the availability of this material at NARA, call 202-741-6030, or go to: [http://www.archives.gov/federal\\_register/code\\_of\\_federal\\_regulations/ibr\\_locations.html](http://www.archives.gov/federal_register/code_of_federal_regulations/ibr_locations.html).

(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 operation of the collector under excessive pressures or excessive flow rates, misuse, abuse, negligence, accidents, alterations, falling objects or other causes beyond the control of the manufacturer. Following the initial five years, the manufacturer shall provide a limited no-cost five-year warranty for collector parts on a prorata allowance basis.

[58 FR 67676, Dec. 22, 1993]

**§ 200.952 Supplementary specific requirements under the HUD building product standards and certification program for particleboard interior stair treads.**

(a) *Applicable standards.* (1) All interior particleboard stair treads shall be designed, manufactured, and tested in compliance with ANSI A208.1-1993 Particleboard, Grade M-3.

(2) This standard has been approved by the Director of the Federal Register for incorporation by reference in accordance with 5 U.S.C. 552(a) and 1 CFR part 51, and is available from the American National Standards Institute, Inc., 11 West 42nd Street, New York, NY 10036.



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(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 standard are required to be on the certification label issued by the administrator to the manufacturer. Each interior particleboard stair tread shall include the manufacturer's statement of conformance to UM 70b, a statement that this product is for interior use only, and the manufacturer's name and plant location.

(c) *Periodic tests and quality assurance.* Under the procedures set forth in § 200.935(d)(8) concerning periodic tests and quality assurance inspections, the frequency of testing for a product shall be described in the specific building product certification program. In the case of interior particleboard stair treads, testing and inspection shall be conducted as follows:

(1) At least once every three months, the administrator shall visit the manufacturer's facility to select a sample for testing in a laboratory approved by the administrator.

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

[63 FR 5424, Feb. 2, 1998]

### **§ 200.954 Supplementary specific requirements under the HUD building product standard and certification program for construction adhesives for wood floor systems.**

(a) *Applicable standards.* (1) All construction adhesives for field glued wood floor systems shall be designed, manufactured, and tested in compliance with the following American Society for Testing and Materials (ASTM) standard: D 3498-93 Standard Specification for Adhesives for Field-Gluing Plywood to Lumber Framing for Floor Systems except that the mold and bacteria resistance tests shall not be included.

(2) This standard has been approved by the Director of the Federal Register for incorporation by reference in accordance with 5 U.S.C. 552(a) and 1 CFR part 51, and is available from the American Society for Testing & Materials Inc., 100 Barr Harbor Drive, West Conshohocken, PA. 19428.

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(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 standard are required to be on the certification label issued by the administrator to the manufacturer. Each container shall be marked as being in compliance with UM 60a. The label shall also include the manufacturer's name, plant location, and shelf life.

(c) *Periodic tests and quality assurance.* Under the procedures set forth in § 200.935(d)(8) concerning periodic tests and quality assurance inspections, the frequency of testing for a product shall be described in the specific building product certification program. In the case of construction adhesives for field glued wood floor systems, 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 for testing in a laboratory approved by the administrator.

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

[63 FR 5424, Feb. 2, 1998]

### **§ 200.955 Supplementary specific requirements under the HUD building product standard and certification program for fenestration products (windows and doors).**

(a) *Applicable standards.* (1) All windows and doors shall be designed, manufactured, and tested in compliance with American Architectural Manufacturers Association (AAMA) standard, AAMA/NWWDA 101/I.S.2-97 Voluntary Specifications for Aluminum, Vinyl (PVC) and Wood Windows and Glass Doors.

(2) This standard has been approved by the Director of the Federal Register for incorporation by reference in accordance with 5 U.S.C. 552(a) and 1 CFR part 51, and is available from the American Architectural Manufacturers Association, 1827 Walden Office Square, Suite 104, Schaumburg, IL 60173.

(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 window or glass door shall include the manufacturer's name, plant location, and statement of compliance with UM 111.

(c) *Periodic tests and quality assurance inspections.* Under the procedures set forth in § 200.935(d)(8) concerning periodic tests and quality assurance inspections, the frequency of testing for a product shall be described in the specific building product certification program. In the case of windows and glass doors, testing and inspection shall be conducted as follows:

(1) At least once every four years, the administrator shall visit the manufacturer's facility to select a commercial sample for testing in a laboratory approved by the administrator.

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

[63 FR 5424, Feb. 2, 1998]

### **Subpart T—Social Security Numbers and Employer Identification Numbers; Assistance Applicants and Participants**

#### **§ 200.1001 Cross-reference.**

The provisions in subpart B of part 5 of this title apply to Social Security Numbers and Employer Identification Numbers for assistance applicants and participants.

[61 FR 11118, Mar. 18, 1996]

### **Subpart U—Social Security Numbers and Employer Identification Numbers; Applicants in Unassisted Programs**

#### **§ 200.1101 Cross-reference.**

The provisions in subpart B of part 5 of this title apply to Social Security Numbers and Employer Identification

Numbers for applicants in unassisted programs.

[61 FR 11118, Mar. 18, 1996]

### **Subpart V—Income Information; Assistance Applicants and Participants**

#### **§ 200.1201 Cross-reference.**

The provisions in subpart B of part 5 of this title apply to income information for assistance applicants and participants.

[61 FR 11118, Mar. 18, 1996]

### **Subpart W—Administrative Matters**

#### **§ 200.1301 Expiring programs—Savings clause.**

(a) No new loan assistance, additional participation, or new loans are being insured under the programs listed in this section. Existing loan assistance, ongoing participation, or insured loans under the programs shall continue to be governed by regulations in effect as described in this section.

(b) Any existing loan assistance, ongoing participation, or insured loans under the programs listed in this paragraph will continue to be governed by the regulations in effect as they existed immediately before October 11, 1995 (24 CFR parts 205, 209, 224–228, 240, 277, 278, 1994 edition):

(1) Part 205, Mortgage Insurance for Land Development (Title X of the National Housing Act, repealed by section 133(a) of the Department of Housing and Urban Development Reform Act of 1989 (Public Law 101–235, approved December 15, 1989).

(2) Part 209, Individual Homes; War Housing Mortgage Insurance (12 U.S.C. 1736–1743).

(3) Part 224, Armed Services Housing-Military Personnel (12 U.S.C. 1736–1746a).

(4) Part 225, Military Housing Insurance (12 U.S.C. 1748b).

(5) Part 226, Armed Services Housing-Civilian Employees (12 U.S.C. 1748h–1).

(6) Part 227, Armed Services Housing-Impacted Areas (12 U.S.C. 1478h–2).

(7) Part 228, Individual Residences; National Defense Housing Mortgage Insurance (12 U.S.C. 1750 as amended by 42 U.S.C. 1591c).