

known to the petitioner concerning the identity of manufactured homes which may be affected and where those manufactured homes were manufactured. The Secretary shall respond to petitions concerning alleged imminent safety hazards and serious defects within 60 days and to petitions alleging the existence of defects or noncompliances within 120 days.

(b) Any person may petition the Secretary in writing to undertake an investigation for the purpose of determining whether a primary inspection agency should be disqualified. The petition shall set out all facts and information on which the petition is based and a detailed statement of why such information justifies disqualification. The Secretary shall consider such petitions when making determinations on final acceptance and continued acceptance. The Secretary shall respond to such petition within 120 days.

### **Subpart E—Manufacturer Inspection and Certification Requirements**

#### **§ 3282.201 Scope and purpose.**

(a) This subpart sets out requirements which must be met by manufacturers of manufactured homes for sale to purchasers in the United States with respect to certification of manufactured home designs, inspection of designs, quality assurance programs, and manufactured home production, and certification of manufactured homes. Other than references and a general description of responsibilities, this subpart does not set out requirements with respect to remedial actions or reports which must be taken or filed under the Act and these regulations.

(b) The purpose of this subpart is to require manufacturers to participate in a system of design approvals and inspections which serve to assist them in assuring that manufactured homes which they manufacture will conform to Federal standards. Such approvals and inspections provide significant protection to the public by decreasing the number of manufactured homes with possible defects in them, and provide protection to manufacturers by reducing the number of instances in which costly remedial actions must be under-

taken after manufactured homes are sold.

#### **§ 3282.202 Primary inspection agency contracts.**

Each manufacturer shall enter into a contract or other agreement with as many Design Inspection Primary Inspection Agencies (DAPIAs) as it wishes and with enough Production Inspection Primary Inspection Agencies (IPIAs) to provide IPIA services for each manufacturing plant as set out in this subpart and in subpart H of this part. In return for the services provided by the DAPIAs and IPIAs, each manufacturer shall pay such reasonable fees as are agreed upon between the manufacturer and the primary inspection agency or, in the case of a State acting as an exclusive IPIA under § 3282.3 such fees as may be established by the State.

#### **§ 3282.203 DAPIA services.**

(a) Each manufacturer shall have each manufactured home design and each quality assurance manual which it intends to follow approved by a DAPIA under § 3282.361. The manufacturer is free to choose which DAPIA will evaluate and approve its designs and quality assurance materials manufacturer may obtain design and quality assurance manual approval from a single DAPIA regardless of the number of plants in which the design and quality assurance manual will be followed. A manufacturer may also obtain approval for the same design and quality assurance manual from more than one DAPIA. The choice of which DAPIA or DAPIAs to employ is left to the manufacturer.

(b) The manufacturer shall submit to the DAPIA such information as the DAPIA may require in order to carry out design approvals. This information shall, except where the manufacturer demonstrates to the DAPIA that it is not necessary, include the following:

(1) Construction drawings and/or specifications showing structural details and layouts of frames, floors, walls and roofs, and chassis; material specifications, framing details, door locations, etc., for each floor plan proposed to be manufactured,

(2) Structural analysis and calculations, test data and/or other accepted engineering practices used by the manufacturer to validate the design,

(3) Complete heat loss calculations for each significant variation of home design,

(4) Floor plans showing room arrangement and sizes, window sizes, emergency exits and locations, locations of smoke detectors, fixed appliance range hoods, and other standards related aspects of the manufactured home that can be shown on the floor plans,

(5) Diagrams of the fuel supply system, potable water system and drain, waste and vent systems. The diagrams shall specify the types of materials used, types of fittings and methods of installing required safety equipment,

(6) Wiring diagrams, including circuit allocation of electrical load and branch circuit calculations, a table of the branch circuit protection provided, the type of wiring used, and wiring methods,

(7) Details showing the design of air supply and return systems,

(8) Details of chassis construction, components, connections and running gear including rating capacities of tires,

(9) A list of fixed and portable appliances furnished with the manufactured home, including type of appliance, rating of appliance, and applicable minimum and maximum performance ratings and/or energy requirements,

(10) Detailed manufacturer installation instructions including specifications and procedures for the erection and hook-up of the home at its permanent location, and

(11) Reports of all tests that were run to validate the conformance of the design to the standards.

(c) The manufacturer shall submit to the DAPIA such information as the DAPIA may require in order to carry out quality assurance manual approvals. At a minimum, this information shall include the quality assurance manual for which approval is sought. That manual shall include the manufacturer's quality assurance program, an organizational chart showing the accountability, by position, of the manufacturer's quality control per-

sonnel, a description of production tests and test equipment required for compliance with the standards, a station-by-station description of the manufacturing process, a list of quality control inspections required by the manufacturer at each station, and identification by title of each person who will be held accountable for each quality control inspection.

(d) Manufacturers may be required to furnish supplementary information to the DAPIA if the design information or the quality assurance manual is not complete or if any information is not in accordance with accepted engineering practice.

(e) When a manufacturer wishes to make a change in an approved design or quality assurance manual, the manufacturer shall obtain the approval of the DAPIA which approved the design or manual prior to production for sale. The procedures for obtaining such approval are set out in §3282.361.

(f) The information to be submitted to a DAPIA under §3282.203 (b) and (c) may be prepared by the manufacturer's staff or outside consultants, including other DAPIAs. However, a DAPIA may not perform design or quality assurance manual approvals for any manufacturer whose design or manual has been created or prepared in whole or in part by members of the DAPIA's organization or of any affiliated organization.

(g) Each manufacturer shall maintain a copy of the drawings, specifications, and sketches from each approved design received from a DAPIA under §3282.361(b)(4) in each plant in which manufactured homes are being produced to the design. Each manufacturer shall also maintain in each manufacturing plant a copy of the approved quality assurance manual received from a DAPIA under §3282.361(c)(3) that is being followed in the plant. These materials shall be kept current and shall be readily accessible for use by the Secretary or other parties acting under these regulations.

**§3282.204 IPIA services.**

(a) Each manufacturer shall obtain the services of an IPIA as set out in §3282.362 for each manufacturing plant operated by the manufacturer.