

protection to manufacturers by reducing the number of instances in which costly remedial actions must be undertaken 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 lo-

cations, 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 alarms, 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

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accountability, by position, of the manufacturer's quality control personnel, 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.

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§ 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.

(b) The manufacturer shall make available to the IPIA operating in each of its plants a copy of the drawings and specifications from the DAPIA approved design and the quality assurance manual for that plant, and the IPIA shall perform an initial factory inspection as set out in § 3282.362(b). If the IPIA issues a deviation report after the initial factory inspection, the manufacturer shall make any corrections or adjustments which are necessary to conform with the DAPIA approved designs and manuals. After the corrections required by the deviation report are completed to the satisfaction of the IPIA, the IPIA shall issue the certification report as described in § 3282.362(b)(2). In certain instances a DAPIA may provide the certification report. (See § 3282.362) The manufacturer shall maintain a current copy of each certification report in the plant to which the certification report relates.

(c) After the certification report has been signed by the IPIA, the manufacturer shall obtain labels from the IPIA and shall affix them to completed manufactured homes as set out in § 3282.362(c)(2). During the initial factory certification, the IPIA may apply labels to manufactured homes which it knows to be in compliance with the standards if it is performing complete inspections of all phases of production of each manufactured home and the manufacturer authorizes it to apply labels.

(d) During the course of production the manufacturer shall maintain a complete set of approved drawings, specifications, and approved design changes for the use of the IPIA's inspector and always available to that inspector when in the manufacturing plant.

(e) If, during the course of production, an IPIA finds that a failure to conform to a standard exists in a manufactured home in production, the manufacturer shall correct the failure to confirm in any manufactured homes