

(c) Unless otherwise authorized, required tests and inspections described in applicable specifications shall be made at the place of manufacture prior to shipment. Unless otherwise specified, tests shall be performed at room temperature. These tests when performed in the presence of a marine inspector will be so conducted as not to interfere unnecessarily with the operation of the plant.

(d) Marine inspectors shall assure themselves that test specimens are marked for positive identification with the materials which they represent.

[CGFR 68-82, 33 FR 18808, Dec. 18, 1968, as amended by CGD 77-140, 54 FR 40599, Oct. 2, 1989]

§ 50.25–10 Acceptance of piping components by specific letter or approved plan.

(a) A manufacturer of a piping component which does not comply with an adopted industry standard and requires acceptance by specific letter or approved plan must do the following:

(1) Submit an engineering type catalog or representative drawings of the component which includes the pressure and temperature ratings of the component and identify the service for which it is intended.

(2) Identify materials used to fabricate the component. Materials must meet the requirements of subpart 56.60 of this chapter. If the component is not manufactured to accepted material specifications, the manufacturer must prove equivalency to accepted material specifications by comparing details of the materials' chemical composition, mechanical properties, method of manufacture, and complete chemical and mechanical test results with an accepted material specification.

(3) Identify the industry standard, if any, to which the component is manufactured.

(4) Submit a description of non-destructive testing performed on the component.

(5) Submit a description of the marking applied to the component.

(6) Submit information showing compliance with the requirements of part 56, subparts 56.15, 56.20, 56.25, 56.30, or 56.35 of this chapter, as applicable.

(7) Submit any additional information necessary to evaluate the component's acceptability for its intended application.

(b) If the component is found to comply with the requirements of this subchapter, the component is designated as acceptable for its intended installation. This acceptance is in the form of a specific letter relating directly to the particular component or in the form of an approved piping system plan in which the component is identified as an integral part.

[CGD 77-140, 54 FR 40599, Oct. 2, 1989]

Subpart 50.30—Fabrication Inspection

§ 50.30–1 Scope.

(a) The manufacturer shall notify the Officer in Charge, Marine Inspection, of the intended fabrication of pressure vessels that will require Coast Guard inspection.

(b) For exemption of certain pressure vessels from shop inspection see § 54.01-15 of this subchapter.

(c) For a classification delineation of boilers and pressure vessels refer to Tables 54.01-5(a) and 54.01-5(b) of this subchapter.

[CGFR 68-82, 33 FR 18808, Dec. 18, 1968, as amended by CGD 81-79, 50 FR 9431, Mar. 8, 1985]

§ 50.30–10 Class I, I-L and II-L pressure vessels.

(a) Classes I, I-L and II-L pressure vessels shall be subject to shop inspection at the plant where they are being fabricated, or when determined necessary by the Officer in Charge, Marine Inspection.

(b) The manufacturer shall submit Class I, I-L and II-L pressure vessels, as defined in Parts 54 and 56 of this subchapter for shop inspection at such stages of fabrication as may be requested by the Officer in Charge, Marine Inspection.

[CGD 95-012, 60 FR 48049, Sept. 18, 1995]

§ 50.30–15 Class II pressure vessels.

(a) Class II pressure vessels shall be subject to shop inspections at the plant where they are being fabricated, as or