

Subpart 58.60—Industrial Systems and Components on Mobile Offshore Drilling Units (MODU)

SOURCE: CGD 73-251, 43 FR 56801, Dec. 4, 1978, unless otherwise noted.

§ 58.60-1 Applicability.

This subpart applies to the following industrial systems on board a mobile offshore drilling unit (MODU):

- (a) Cementing systems.
- (b) Circulation systems, including—
 - (1) Pipes and pumps for mud;
 - (2) Shale shakers;
 - (3) Desanders; and
 - (4) Degassers.
- (c) Blow out preventor control systems.
- (d) Riser and guideline tensioning systems.
- (e) Motion compensation systems.
- (f) Bulk material storage and handling systems.
- (g) Other pressurized systems designed for the MODU's industrial operations.

§ 58.60-2 Alternatives and substitutions.

(a) The Coast Guard may accept substitutes for fittings, material, apparatus, equipment, arrangements, calculations, and tests required in this subpart if the substitute provides an equivalent level of safety.

(b) In any case where it is shown to the satisfaction of the Commandant that the use of any particular equipment, apparatus, arrangement, or test is unreasonable or impracticable, the Commandant may permit the use of alternate equipment, apparatus, arrangement, or test to such an extent and upon such condition as will insure, to his satisfaction, a degree of safety consistent with the minimum standards set forth in this subpart.

§ 58.60-3 Pressure vessel.

A pressure vessel that is a component in an industrial system under this subpart must meet the applicable requirements in § 54.01-5 of this chapter.

[CGD 73-251, 43 FR 58601, Dec. 4, 1978, as amended by CGD 77-147, 47 FR 21811, May 20, 1982]

§ 58.60-5 Industrial systems: Locations.

An industrial system under this subpart must not be in a space that is—

- (a) Concealed; or
- (b) Inaccessible to industrial personnel.

§ 58.60-7 Industrial systems: Piping.

The piping for industrial systems under this subpart must meet ANSI B31.3, except that blow out preventor control systems must also meet API RP 53.

[CGD 88-032, 56 FR 35824, July 29, 1991]

§ 58.60-9 Industrial systems: Design.

Each system under this subpart must be designed and analyzed in accordance with the principles of API RP 14C.

[CGD 88-032, 56 FR 35824, July 29, 1991]

§ 58.60-11 Analyses, plans, diagrams and specifications: Submission.

(a) Each industrial system must be analyzed by a registered professional engineer to certify that the system has been designed in accordance with applicable standards.

- (b) The certification must—
 - (1) Appear on all diagrams and analyses; and
 - (2) Be submitted under § 50.20-5 of this chapter.

(c) Standards or specifications for non-pressurized, mechanical or structural systems, and components such as derricks, drawworks, and rotary tables which comply with standards or specifications not referenced in this subchapter must be referenced on the plans or in the specifications of the unit.

§ 58.60-13 Inspection.

An industrial system is accepted by the Coast Guard if the inspector finds—

- (a) The system meets this subpart;
- (b) There are guards, shields, insulation or similar devices for protection of personnel; and
- (c) The system is not manifestly unsafe.