

**§ 149.693**

have, in addition to the one primary means of escape, either:

(1) Another primary means of escape; or

(2) One or more secondary means of escape in any work space that may be temporarily occupied by 10 persons or more.

(f) Structural appendages to an unmanned deepwater port do not require a primary or a secondary means of escape, unless the OCMI determines that one or more are necessary.

(g) Each means of escape must extend from the deepwater port's uppermost working level to each successively lower working level, and so on to the water surface.

**PERSONNEL LANDINGS**

**§ 149.693 What are the requirements for personnel landings on manned deepwater ports?**

(a) On manned deepwater ports, sufficient personnel landings must be provided to assure safe access and egress.

(b) The personnel landings must be provided with satisfactory illumination. The minimum is 1 foot candle of artificial illumination as measured at the landing floor and guards and rails.

**GUARDRAILS AND SIMILAR DEVICES**

**§ 149.694 What are the requirements for catwalks, floors, and openings?**

(a) The configuration and installation of catwalks, floors, and openings must comply with § 143.110 of this chapter.

(b) This section does not apply to catwalks, floors, deck areas, or openings in areas not normally occupied by personnel or on helicopter landing decks.

**§ 149.695 What are the requirements for stairways?**

Stairways must have at least two courses of rails. The top course must serve as a handrail and be at least 34 inches above the tread.

**§ 149.696 What are the requirements for a helicopter landing deck safety net?**

A helicopter landing deck safety net must comply with 46 CFR 108.235.

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**NOISE LIMITS**

**§ 149.697 What are the requirements for a noise level survey?**

(a) A survey to determine the maximum noise level during normal operations must be conducted in each accommodation space, working space, or other space routinely used by personnel. The recognized methodology used to conduct the survey must be specified in the survey results. Survey results must be kept on the deepwater port or, for an unmanned deepwater port, in the owner's principal office.

(b) The noise level must be measured over 12 hours to derive a time weighted average (TWA) using a sound level meter and an A-weighted filter or equivalent device.

(c) If the noise level throughout a space is determined to exceed 85 db(A), based on the measurement criteria in paragraph (b) of this section, then signs must be posted with the legend: "Noise Hazard—Hearing Protectors Required." Signs must be posted at eye level at each entrance to the space.

(d) If the noise level exceeds 85 db(A) only in a portion of a space, then the sign described in paragraph (c) of this section must be posted within that portion where visible from each direction of access.

(e) Working spaces and other areas routinely used by personnel, other than accommodation spaces, must be designed to limit the noise level in those areas so that personnel wearing hearing protectors may hear warning and emergency alarms. If this is not practicable and warning and emergency alarms cannot be heard, visual alarms in addition to the audible alarms must be installed.

**PORTABLE LIGHTS**

**§ 149.700 What kind of portable lights may be used on a deepwater port?**

Each portable light and its supply cord on a deepwater port must be designed for the environment where it is used.