§ 149.625 What are the design standards?

(a) Each component, except for those specifically addressed elsewhere in this subpart, must be designed to withstand at least the combined wind, wave, and current forces of the most severe storm that can be expected to occur at the deepwater port in any 100-year period. Component design must meet a recognized industry standard and be appropriate for the protection of human life from death or serious injury, both on the deepwater port and on vessels calling on or servicing the deepwater port, and for the protection of the environment.

(b) The applicant or licensee will be required to submit to the Commandant (CG–5P) a design basis for approval containing all proposed standards to be used in the fabrication and construction of deepwater port components.

(c) Heliports on floating deepwater ports must be designed in compliance with the regulations at 46 CFR part 108.


§ 149.640 What are the requirements for fire protection systems?

Manned deepwater ports built after January 1, 2004, and manned deepwater ports that undergo major conversions, must comply with the requirements for structural fire protection outlined in this part.

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§ 149.675 What are the requirements for the public address system?

(a) For a manned deepwater port, each pumping platform complex must have a public address system operable from two locations on the complex.

§ 149.660 What are the requirements for emergency power?

(a) Each pumping platform complex must have emergency power equipment including a power source, associated transforming equipment, and a switchboard to provide power to simultaneously operate all of the following for a continuous period of 18 hours:
   (1) Emergency lighting circuits;
   (2) Aids to navigation equipment;
   (3) Communications equipment;
   (4) Radar equipment;
   (5) Alarm systems;
   (6) Electrically operated fire pumps; and
   (7) Other electrical equipment identified as emergency equipment in the operations manual for the deepwater port.

(b) The equipment required by paragraph (a) of this section must:
   (1) All be located in the same space;
   (2) Contain only machinery and equipment for the supply of emergency power (i.e., no oil or natural gas transfer pumping equipment) in accordance with 46 CFR 112.05.

§ 149.665 What are the requirements for marking a general alarm system?

Each of the following must be marked with the words “General Alarm” in yellow letters at least 1 inch high on a red background:

(a) Each general alarm box; and

(b) Each audio or visual device described under §149.665 of this part for signaling the general alarm.