(d) No vertical fixed ladders may be made of wood.

§ 108.161 Dead end corridors.
No dead end corridor may be more than 13 meters (43 feet) long.

§ 108.165 Access to lifeboats and life rafts.
Each unit must be designed to provide direct access to the lifeboat and life raft embarkation areas.

§ 108.167 Weather deck ladders.
Each unit must have at least one permanent, inclined ladder between each weather deck.

CLASSIFIED LOCATIONS

§ 108.170 Definitions.
(a) Classified locations are those in which flammable hydrocarbon gas or vapors, resulting from the drilling operations, may be present in quantities sufficient to produce an explosive or ignitable mixture. Location of these areas affect the design of the units’ machinery, electrical, and ventilation systems. (See Notes 1 and 2).

(b) For the purpose of this subpart “semi-enclosed location” means a location where natural conditions of ventilation are notably different from those on open decks due to the presence of structures such as roofs, windbreaks, or bulkheads.

NOTES: 1. Further requirements with respect to hazardous locations are contained in part 111, subpart 111.105, of this chapter.
2. For specific requirements for machinery and electrical installations on mobile offshore drilling units see Subchapters “F” and “J” of this chapter.

§ 108.171 Class I, Division 1 locations.
The following are Class I, Division 1 locations:
(a) An enclosed space that contains any part of the mud circulating system that has an opening into the space and is between the well and final degassing discharge.
(b) An enclosed or semi-enclosed location that is below the drill floor, and contains a possible source of gas release.
(c) An enclosed space that is on the drill floor, and is not separated by a solid, gas-light floor from the spaces specified in paragraph (b) of this section.
(d) A space that would normally be considered a Division 2 location under § 108.173 but where combustible or flammable gases might accumulate.
(e) A location in the weather, or a semi-enclosed location, except as provided in paragraph (b) of this section that is within 1.5 m (5 ft.) of the boundary of any—
   (1) Equipment or opening specified in paragraph (a) of this section;
   (2) Ventilation outlet, access, or other opening to a Class I, Division 1 space; or
   (3) Gas vent outlet.
(f) Except as provided in § 108.175, an enclosed space that has an opening into a Class I, Division 1 location.

§ 108.173 Class I, Division 2 locations.
The following are Class I, Division 2 locations:
(a) An enclosed space that has any open portion of the mud circulating system from the final degassing discharge to the mud suction connection at the mud pit.
(b) A location in the weather that is—
   (1) Within the boundaries of the drilling derrick up to a height of 3 m (10 ft.) above the drill floor;
   (2) Below the drill floor and within a radius of 3 m (10 ft.) of a possible source of gas release; or
   (3) Within 1.5 m (5 ft.) of the boundaries of any ventilation outlet, access, or other opening to a Class I, Division 2 space.
(c) A location that is—
   (1) Within 1.5 m (5 ft.) of a semi-enclosed Class I, Division 1 location indicated in § 108.171(b); or
   (2) Within 1.5 m (5 ft.) of a Class I, Division 1 space indicated in § 108.171(e).
(d) A semi-enclosed area that is below and contiguous with the drill floor to the boundaries of the derrick or to the extent of any enclosure which is liable to trap gases.
§ 108.175  Electrical equipment in classified locations.

Electrical equipment and devices installed in spaces made non-hazardous by the methods indicated in §108.175 must only be essential equipment.

§ 108.177 Ventilation for enclosed classified locations.

(a) The ventilation system for each enclosed classified location must be designed to maintain a pressure differential between the enclosed classified location and each non-classified location adjacent to the enclosed classified location, so as to prevent the discharge of ignitable gases into the non-classified adjacent locations.

(b) Each air intake must be outside of enclosed classified locations.

(c) Each unit must have alarms that are powered independently of the ventilation motor power and control circuitry and sound at a continuously manned station when—

(1) Gas is present in an enclosed classified location; or

(2) The ventilation system for the space is not working.

(d) Each ventilation system for enclosed classified locations must provide a complete change of air every five minutes.