

**§ 108.597**

(2) Stow the flares in a portable watertight container carried on the navigating bridge, or if the unit does not have a bridge, in the control room.

**§ 108.597 Line-throwing appliance.**

(a) *General.* Each unit in international service must have a line-throwing appliance that is approved under approval series 160.040. Each unit not in international service must carry a line-throwing appliance approved under either approval series 160.040 or 160.031.

(b) *Stowage.* The line-throwing appliance and its equipment must be readily accessible for use.

(c) *Additional equipment.* Each unit must carry the following equipment for the line-throwing appliance:

(1) The equipment on the list provided by the manufacturer with the approved appliance; and

(2) An auxiliary line that—

(i) Has a breaking strength of at least 40 kiloNewtons (9,000 pounds-force);

(ii) Is, if synthetic, a dark color or certified by the manufacturer to be resistant to deterioration from ultraviolet light; and

(iii) Is—

(A) At least 450 meters (1,500 feet) long, if the line-throwing appliance is approved under approval series 160.040; or

(B) At least 150 meters (500 feet) long, if the line-throwing appliance is approved under approval series 160.031.

**Subpart F—Cranes**

CRANES

**§ 108.601 Crane design.**

(a) Each crane and crane foundation on a unit must be designed in accordance with the American Petroleum Institute Specification for Offshore Cranes, API Spec. 2C, Second Edition, February, 1972 (with supplement 2).

(b) In addition to the design requirements of paragraph (a), each crane must have the following:

(1) Each control marked to show its function.

(2) Instruments with built-in lighting.

(3) Fuel tank fills and overflows that do not run onto the engine exhaust.

**46 CFR Ch. I (10–1–06 Edition)**

(4) No gasoline engines.

(5) Spark arrestors fitted on engine exhaust pipes.

**Subpart G—Equipment Markings and Instructions**

**§ 108.621 Equipment markings: General.**

Unless otherwise provided, each marking required in this subpart must be—

(a) Printed in English;

(b) In red letters with a contrasting background;

(c) Permanent;

(d) Easy to be seen;

(e) At least 1.3 centimeters (1/2 inch) in height.

**§ 108.623 General alarm bell switch.**

Each general alarm bell switch must be marked "GENERAL ALARM" on a plate or other firm noncorrosive backing.

**§ 108.625 General alarm bell.**

Each general alarm bell must be identified by marking "GENERAL ALARM—WHEN BELL RINGS GO TO YOUR STATION" next to the bell.

**§ 108.627 Carbon dioxide alarm.**

Each carbon dioxide alarm must be identified by marking: "WHEN ALARM SOUNDS VACATE AT ONCE. CARBON DIOXIDE BEING RELEASED" next to the alarm.

**§ 108.629 Fire extinguishing system branch line valve.**

Each branch line valve of each fire extinguishing system must be marked with the name of the space or spaces it serves.

**§ 108.631 Fixed fire extinguishing system controls.**

(a) Each cabinet or space that contains a valve, control, or manifold of a fixed fire extinguishing system must be marked by one of the following: "CARBON DIOXIDE FIRE APPARATUS", "FOAM FIRE APPARATUS", or "WATER SPRAY FIRE APPARATUS" in letters at least 5 centimeters (2 inches) high.

(b) Instructions for the operation of a fixed fire extinguishing system must be

posted next to a fire apparatus described in paragraph (a) of this section.

**§ 108.633 Fire stations.**

Each fire station must be identified by marking: "FIRE STATION NO. \_\_\_;" next to the station in letters and numbers at least 5 centimeters (2 inches) high.

**§ 108.635 Self-contained breathing apparatus.**

Each locker or space containing self-contained breathing apparatus must be marked: "SELF CONTAINED BREATHING APPARATUS".

**§ 108.636 Work vests.**

Each space containing a work vest must be marked: "WORK VEST".

**§ 108.637 Hand portable fire extinguishers.**

(a) Each hand portable fire extinguisher must be marked with a number that identifies it in relation to all other hand portable fire extinguishers.

(b) The location of each hand portable fire extinguisher must be marked with the same number that is marked on the extinguisher.

**§ 108.639 Emergency lights.**

Each emergency light must be marked: "E".

**§ 108.641 Instructions for changing steering gear.**

Instructions stating, in order, the different steps to be taken for changing to emergency and secondary steering gear must be posted in the steering gear room and at each secondary steering station in 1.3 centimeters (½ inch) letters and numerals of contrasting color to the background.

**§ 108.643 Rudder orders.**

At each steering station, the direction which the wheel or steering device must be moved for right rudder or left rudder must be marked in letters of contrasting color to the background on the wheel or steering device or in a place that is directly in the helmsman's line of vision to indicate "RIGHT RUDDER" and "LEFT RUDDER".

**§ 108.645 Markings on lifesaving appliances.**

(a) *Lifeboats and rescue boats.* Each lifeboat and rescue boat must be plainly marked as follows:

(1) Each side of each lifeboat and rescue boat bow must be marked in block capital letters and numbers with—

(i) The name of the unit; and

(ii) The name of the port required to be marked on the unit to meet the requirements of subpart 67.123 of this chapter.

(2) The number of persons the boat is equipped for, which may not exceed the number shown on its nameplate, must be clearly marked in permanent characters.

(3) The number of the boat and the unit's name, must be plainly marked or painted so that the markings are visible from above the boat.

(4) Type II retro-reflective material approved under approval series 164.018 must be placed on the boat and meet the arrangement requirements in IMO Resolution A.658(16).

(b) *Rigid liferafts.* Each rigid liferaft must be marked as follows:

(1) The name of the unit must be marked on each rigid liferaft.

(2) The name of the port required to be marked on the unit to meet the requirements of subpart 67.123 of this chapter.

(3) The length of the painter must be marked on each rigid liferaft.

(4) At each entrance of each rigid liferaft, the number of persons the rigid liferaft is equipped for, not exceeding the number shown on its nameplate, must be marked in letters and numbers at least 100 millimeters (4 inches) high, in a color contrasting to that of the liferaft.

[CGD 84-069, 61 FR 25298, May 20, 1996, as amended at 63 FR 52815, Oct. 1, 1998]

**§ 108.646 Marking of stowage locations.**

(a) Containers, brackets, racks, and other similar stowage locations for lifesaving equipment, must be marked with symbols in accordance with IMO Resolution A.760(18), indicating the devices stowed in that location for that purpose.