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clothes, including at least 1 sink supplied with hot and cold fresh water;

(b) Recreation spaces; and

(c) A space or spaces of adequate size available on an open deck to which the crew has access when off duty.

§ 32.40-45 Lighting—T/ALL.

Each berth must have a light.

§ 32.40-50 Heating and cooling—T/ALL.

(a) All manned spaces must be adequately heated and cooled in a manner suitable to the purpose of the space.

(b) The heating and cooling system for accommodations must be capable of maintaining a temperature of 21 °C (70 °F) under normal operating conditions without curtailing ventilation.

(c) Radiators and other heating apparatus must be so placed and shielded, where necessary, to avoid risk of fire, danger or discomfort to the occupants. Pipes leading to radiators or heating apparatus must be insulated where those pipes create a hazard to persons occupying the space.

§ 32.40-55 Insect screens—T/ALL.

Provisions shall be made to protect the crew quarters against the admission of insects.

§ 32.40-60 Crew accommodations on tankships of less than 100 gross tons and manned tank barges—TB/ALL.

(a) The crew accommodations on all tankships of less than 100 gross tons and all manned tank barges must have sufficient size and equipment, and be adequately constructed to provide for the protection of the crew in manner practicable for the size, facilities, and service of the tank vessel.

(b) The crew accommodations must be consistent with the principles underlying the requirements for crew accommodations of tankships of 100 gross tons or more.

§ 32.40-65 Crew accommodations on tankships constructed before June 15, 1987—T/ALL.

All tankships of 100 gross tons and over constructed before June 15, 1987, may retain previously accepted or approved installations and arrangements so long as they are maintained in good

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condition to the satisfaction of the Officer in Charge, Marine Inspection.

Subpart 32.45—Electrical Installations

§ 32.45-1 Installation and details.

The installation of all electrical engineering or interior communications systems, together with the details of design, construction, and installation, must meet the requirements of subchapter J (Electrical Engineering Regulations) of this chapter.

[CGD 74-125A, 47 FR 15230, Apr. 8, 1982]

Subpart 32.50—Pumps, Piping, and Hose for Cargo Handling

§ 32.50-1 Cargo pumps for tank vessels constructed on or after November 10, 1936—TB/ALL.

On all tank vessels, the construction or conversion of which is started on or after November 10, 1936, the cargo pumps shall be designed and installed to minimize the danger of sparking. Special care shall be exercised in the design of packing spaces in order to secure ample depth and accessibility of glands. Where cargo pump shafts pierce gastight bulkheads, stuffing boxes with readily accessible gastight glands shall be provided.

§ 32.50-3 Cargo discharge—TB/ALL.

(a) Pumps or other acceptable means shall be used to discharge cargo from gravity type cargo tanks vented at gauge pressures of 4 pounds per square inch or less.

(b) The use of compressed air as the primary means of discharging cargo from such tanks is prohibited.

§ 32.50-5 Cargo pump gauges on tank vessels constructed on or after November 10, 1936—TB/ALL.

(a) [Reserved]

(b) A pressure gage shall be installed for each pump discharge, and it shall be located at a point visible with respect to the pump controls.

[CGFR 65-50, 30 FR 16671, Dec. 30, 1965, as amended by CGD 73-254, 40 FR 40163, Sept. 2, 1975]