

**WAC 296-304-06005 Utilities.** (1) Steam supply and hoses.

(a) Prior to supplying a vessel with steam from a source outside the vessel, you must ascertain from responsible vessel's representatives, having knowledge of the condition of the plant, the safe working pressure of the vessel's steam system. You must install a pressure gauge and a relief valve of proper size and capacity at the point where the temporary steam hose joins the vessel's steam piping system or systems. The relief valve must be set and capable of relieving at a pressure not exceeding the safe working pressure of the vessel's system in its present condition, and there must not be any means of isolating the relief valve from the system which it protects. The pressure gauge and relief valve must be located so as to be visible and readily accessible, and each relief valve is to be positioned so it is not likely to cause injury if steam is released.

(b) Steam hose and fittings must have a safety factor of not less than five, and must be used in accordance with the manufacturer's specifications.

(c) When steam hose is hung in a bight or bights, the weight must be relieved by appropriate lines to reduce tension on the hose and its fittings. The hose must be protected against chafing.

(d) Steam hose must be protected from damage and hose and temporary piping must be shielded where passing through normal work areas as to prevent accidental contact by employees.

(2) Electric power. When the vessel is supplied with electric power from a source outside the vessel, the following precautions must be taken prior to energizing the vessel's circuits:

(a) If in dry dock, the vessel must be adequately grounded.

(b) You must ascertain from responsible vessel's representatives, having a knowledge of the condition of the vessel's electrical system, that all circuits to be energized are in a safe condition.

(c) All circuits to be energized must be equipped with overcurrent protection of capacity not exceeding the rated current carrying capacity of the cord used.

(3) Infrared electrical heat lamps. All infrared electrical heat lamps must be equipped with guards that surround the lamps with the exception of the face, to minimize accidental contact with the lamps.

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050, and 49.17.060. WSR 17-18-075, § 296-304-06005, filed 9/5/17, effective 10/6/17. Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050, 49.17.060, and chapter 49.17 RCW. WSR 12-12-060, § 296-304-06005, filed 6/5/12, effective 8/1/12; Order 74-25, § 296-304-06005, filed 5/7/74.]