

**WAC 296-307-46005 Meet specific requirements if you use a hardening or tempering tank.**

**You must:**

(1) Provide an automatic fire extinguishing system or an automatic dip tank cover for any hardening and tempering tank that uses flammable or combustible liquids and:

- Holds five hundred gallons (1893 L) or more of liquid

**OR**

- Has twenty-five square feet (2.37 m<sup>2</sup>) or more of liquid surface area.

(2) Prevent fires.

• Make sure hardening and tempering tanks are:

- **Not** located on or near combustible flooring

- Located as far away as practical from furnaces

- Equipped with noncombustible hoods and vents (or equally effective devices) for venting to the outside.

• Treat vent ducts as flues and keep them away from combustible material, particularly roofs.

(3) Make sure air under pressure is not used to:

• Fill the tank

**OR**

• Agitate the liquid in the tank.

(4) Equip each tank with an alarm that will sound when the temperature is within 50°F (10°C) of the liquid's flashpoint (alarm set point).

(5) Make sure a limit switch shuts down conveyors supplying work to the tank when the temperature reaches the alarm setpoint, if operationally practical.

(6) Have a circulating cooling system if the temperature of the liquid can exceed the alarm set point.

**Note:** The bottom drain of the tank may be combined with the oil circulating system if the requirements for bottom drains in WAC 296-307-45515 are satisfied.

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050, and 49.17.060. WSR 03-10-068, § 296-307-46005, filed 5/6/03, effective 8/1/03.]