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 m²) 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.]