

**WAC 296-307-45525 Additional fire protection for large dip tanks.** (1) The employer must provide at least one automatic fire extinguishing system or an automatic dip tank cover if the tank:  
 (a) Holds one hundred fifty gallons or more of liquid;  
**OR**  
 (b) Has four square feet or more of liquid surface area.  
 (2) The employer must make sure automatic fire extinguishing systems or automatic dip tank covers meet the requirements of Table 1.

**Exemption:** An automatic fire extinguishing system or an automatic dip tank cover is **not** required for a hardening or tempering tank that:  
 1. Holds less than five hundred gallons;  
**OR**  
 2. Has less than twenty-five square feet of liquid surface area.

**Table 1: Automatic Fire Protection System Requirements**

<b>If the employer provides:</b>	<b>The employer must:</b>
An automatic fire extinguishing system	<ul style="list-style-type: none"> <li>• Use extinguishing materials suitable for a fire fueled by the liquid in the tank</li> <li>• Make sure the system protects the:               <ul style="list-style-type: none"> <li>– Tanks</li> <li>– Drain boards</li> <li>– Stock over drain boards.</li> </ul> </li> </ul>
A dip tank cover	<ul style="list-style-type: none"> <li>• Make sure the cover is:               <ul style="list-style-type: none"> <li>– Closed by approved automatic devices in the event of fire</li> <li>– Able to be manually activated</li> <li>– Kept closed when the tank is not being used</li> <li>– Made of noncombustible material or metal-clad material with locked metal joints.</li> </ul> </li> </ul>

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050, and 49.17.060. WSR 20-21-091, § 296-307-45525, filed 10/20/20, effective 11/20/20; WSR 03-10-068, § 296-307-45525, filed 5/6/03, effective 8/1/03.]