WAC 296-307-455 Additional requirements for dip tanks using flammable or combustible liquids.

Summary.

IMPORTANT:
This section applies to:
• Flammable and combustible liquids (flashpoint below 200°F)
• Liquids that have a flashpoint of 200°F (93.3°C) or higher if you:
  - Heat the liquid
  - Dip a heated object in the tank

Your responsibility:
Safeguard employees working with dip tanks containing flammable or combustible liquids

You must:

CONSTRUCTION
Include additional safeguards when constructing dip tanks
WAC 296-307-45505
Provide overflow pipes
WAC 296-307-45510
Provide bottom drains
WAC 296-307-45515

FIRE PROTECTION
Provide fire protection in the vapor area
WAC 296-307-45520
Provide additional fire protection for large dip tanks
WAC 296-307-45525

ELECTRICAL WIRING AND EQUIPMENT AND SOURCES OF IGNITION
Prevent static electricity sparks or arcs when adding liquids to a dip tank
WAC 296-307-45535
Control ignition sources
WAC 296-307-45540
Provide safe wiring and electrical equipment where the liquid can drip or splash
WAC 296-307-45545

HOUSEKEEPING
Keep the area around dip tanks clear of combustible material and properly dispose of waste
WAC 296-307-45550

HEATING LIQUID
Make sure heating the liquid in your dip tanks does not cause a fire
WAC 296-307-45555

HEAT DRYING
Make sure a heating system used for drying objects does not cause a fire
WAC 296-307-45560

CONVEYORS
Make sure the conveyor system for dip tanks is safe
WAC 296-307-45565

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050, and 49.17.060. WSR 03-10-068, § 296-307-455, filed 5/6/03, effective 8/1/03.]