

# Dipping and Coating Operations (Dip Tanks)

Chapter 296-835 WAC

## Statutory Authority

### **296-835-100 Scope.**

[Statutory Authority: 49.17.010, .040, .050. 02-15-102 (Order 99-51), § 296-835-100, filed 07/17/02, effective 10/01/02.]

### **296-835-110 General requirements.**

[Statutory Authority: 49.17.010, .040, .050. 02-15-102 (Order 99-51), § 296-835-110, filed 07/17/02, effective 10/01/02.]

### **296-835-11005 Construct safe dip tanks.**

[Statutory Authority: 49.17.010, .040, .050. 02-15-102 (Order 99-51), § 296-835-11005, filed 07/17/02, effective 10/01/02.]

### **296-835-11010 Provide proper ventilation for the vapor area.**

[Statutory Authority: 49.17.010, .040, .050. 02-15-102 (Order 99-51), § 296-835-11010, filed 07/17/02, effective 10/01/02.]

### **296-835-11015 Take additional precautions if you recirculate ventilation system exhaust air into the work place.**

[Statutory Authority: 49.17.010, .040, .050. 02-15-102 (Order 99-51), § 296-835-11015, filed 07/17/02, effective 10/01/02.]

### **296-835-11020 Take additional precautions when using an exhaust hood.**

[Statutory Authority: 49.17.010, .040, .050. 02-15-102 (Order 99-51), § 296-835-11020, filed 07/17/02, effective 10/01/02.]

### **296-835-11025 Periodically inspect your dip tanks and associated equipment and correct any deficiencies.**

[Statutory Authority: 49.17.010, .040, .050. 02-15-102 (Order 99-51), § 296-835-11025, filed 07/17/02, effective 10/01/02.]

### **296-835-11030 Make sure employees working near dip tanks know appropriate first-aid procedures.**

[Statutory Authority: 49.17.010, .040, .050. 02-15-102 (Order 99-51), § 296-835-11030, filed 07/17/02, effective 10/01/02.]

### **296-835-11035 Prepare dip tanks before cleaning.**

[Statutory Authority: RCW 49.17.010, .040, .050, .060 07-03-163 (Order 06-30), § 296835-11035, filed 01/24/07, effective 04/01/07. Statutory Authority: 49.17.010, .040, .050. 02-15-102 (Order 99-51), § 296-835-11035, filed 07/17/02, effective 10/01/02.]

### **296-835-11040 Safeguard cyanide tanks.**

[Statutory Authority: 49.17.010, .040, .050. 02-15-102 (Order 99-51), § 296-835-11040, filed 07/17/02, effective 10/01/02.]

### **296-835-11045 Protect employees during welding, burning, or other work using open flames.**

[Statutory Authority: 49.17.010, .040, .050. 02-15-102 (Order 99-51), § 296-835-11045, filed 07/17/02, effective 10/01/02.]

### **296-835-11050 Protect employees that use liquids that may burn, irritate, or otherwise harm the skin.**

[Statutory Authority: 49.17.010, .040, .050. 02-15-102 (Order 99-51), § 296-835-11050, filed 07/17/02, effective 10/01/02.]

### **296-835-120 Additional requirements for dip tanks using flammable or combustible liquids.**

[Statutory Authority: 49.17.010, .040, .050. 02-15-102 (Order 99-51), § 296-835-120, filed 07/17/02, effective 10/01/02.]

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### **296-835-12005 Include additional safeguards when constructing dip tanks.**

[Statutory Authority: 49.17.010, .040, .050. 02-15-102 (Order 99-51), § 296-835-12005, filed 07/17/02, effective 10/01/02.]

### **296-835-12010 Provide overflow pipes.**

[Statutory Authority: 49.17.010, .040, .050. 02-15-102 (Order 99-51), § 296-835-12010, filed 07/17/02, effective 10/01/02.]

### **296-835-12015 Provide bottom drains.**

[Statutory Authority: RCW 49.17.010, .040, .050, .060 07-03-163 (Order 06-30), § 296-835-12015, filed 01/24/07, effective 04/01/07. Statutory Authority: 49.17.010, .040, .050. 02-15-102 (Order 99-51), § 296-835-12015, filed 07/17/02, effective 10/01/02.]

### **296-835-12020 Provide fire protection in the vapor area.**

[Statutory Authority: 49.17.010, .040, .050. 02-15-102 (Order 99-51), § 296-835-12020, filed 07/17/02, effective 10/01/02.]

### **296-835-12025 Provide additional fire protection for large dip tanks.**

[Statutory Authority: RCW 49.17.010, .040, .050, .060 07-03-163 (Order 06-30), § 296-835-12025, filed 01/24/07, effective 04/01/07. Statutory Authority: 49.17.010, .040, .050. 02-15-102 (Order 99-51), § 296-835-12025, filed 07/17/02, effective 10/01/02.]

### **296-835-12035 Prevent static electricity sparks or arcs when adding liquids to a dip tank.**

[Statutory Authority: 49.17.010, .040, .050. 02-15-102 (Order 99-51), § 296-835-12035, filed 07/17/02, effective 10/01/02.]

### **296-835-12040 Control ignition sources.**

[Statutory Authority: 49.17.010, .040, .050. 02-15-102 (Order 99-51), § 296-835-12040, filed 07/17/02, effective 10/01/02.]

### **296-835-12045 Provide safe electrical wiring and equipment where the liquid can drip or splash.**

[Statutory Authority: 49.17.010, .040, .050. 02-15-102 (Order 99-51), § 296-835-12045, filed 07/17/02, effective 10/01/02.]

### **296-835-12050 Keep the area around dip tanks clear of combustible material and properly dispose of waste.**

[Statutory Authority: 49.17.010, .040, .050. 02-15-102 (Order 99-51), § 296-835-12050, filed 07/17/02, effective 10/01/02.]

### **296-835-12055 Make sure heating the liquid in your dip tank does not cause a fire.**

[Statutory Authority: 49.17.010, .040, .050. 02-15-102 (Order 99-51), § 296-835-12055, filed 07/17/02, effective 10/01/02.]

### **296-835-12060 Make sure a heating system used for drying objects does not cause a fire.**

[Statutory Authority: 49.17.010, .040, .050. 02-15-102 (Order 99-51), § 296-835-12060, filed 07/17/02, effective 10/01/02.]

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### **296-835-12065 Make sure conveyor systems are safe.**

[Statutory Authority: 49.17.010, .040, .050. 02-15-102 (Order 99-51), § 296-835-12065, filed 07/17/02, effective 10/01/02.]

### **296-835-130 Additional requirements for dip tanks used for specific processes.**

[Statutory Authority: 49.17.010, .040, .050. 02-15-102 (Order 99-51), § 296-835-130, filed 07/17/02, effective 10/01/02.]

### **296-835-13005 Meet specific requirements if you use a hardening or tempering tank.**

[Statutory Authority: 49.17.010, .040, .050. 02-15-102 (Order 99-51), § 296-835-13005, filed 07/17/02, effective 10/01/02.]

### **296-835-13010 Meet specific requirements if you use electrostatic equipment.**

[Statutory Authority: 49.17.010, .040, .050. 02-15-102 (Order 99-51), § 296-835-13010, filed 07/17/02, effective 10/01/02.]

### **296-835-13015 Meet specific requirements if you use a flow coating process.**

[Statutory Authority: 49.17.010, .040, .050. 02-15-102 (Order 99-51), § 296-835-13015, filed 07/17/02, effective 10/01/02.]

### **296-835-13020 Take additional precautions if your roll coating operation uses a liquid that has a flashpoint below 140 degrees F (60 degrees C).**

[Statutory Authority: 49.17.010, .040, .050. 02-15-102 (Order 99-51), § 296-835-13020, filed 07/17/02, effective 10/01/02.]

### **296-835-13025 Provide additional safeguards for vapor degreasing tanks.**

[Statutory Authority: 49.17.010, .040, .050. 02-15-102 (Order 99-51), § 296-835-13025, filed 07/17/02, effective 10/01/02.]

### **296-835-13030 Control liquid spray over an open surface cleaning or degreasing tank.**

[Statutory Authority: 49.17.010, .040, .050. 02-15-102 (Order 99-51), § 296-835-13025, filed 07/17/02, effective 10/01/02.]

### **296-835-140 Definitions.**

[Statutory Authority: 49.17.010, .040, .050. 02-15-102 (Order 99-51), § 296-835-140, filed 07/17/02, effective 10/01/02.]

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