

TABLE 1.—STANDARDS FOR CHROMIUM ELECTROPLATING AND CHROMIUM ANODIZING TANKS BASED ON MACT

Type of tank	Emission limitations	
	Small	Large
<b>Hard Chromium Plating Tanks</b>		
All existing tanks .....	0.03 mg/dscm (1.3×10 <sup>-5</sup> gr/dscf) .....	0.015 mg/dscm (6.6×10 <sup>-6</sup> gr/dscf)
All new tanks .....	0.015 mg/dscm (6.6×10 <sup>-6</sup> gr/dscf) .....	0.015 mg/dscm (6.6×10 <sup>-6</sup> gr/dscf)
<b>Decorative Chromium Plating Tanks Using a Chromic Acid Bath</b>		
All new and existing tanks .....	0.01 mg/dscm <sup>a</sup> (4.4×10 <sup>-6</sup> gr/dscf)	
<b>Chromium Anodizing Tanks</b>		
All new and existing tanks .....	0.01 mg/dscm <sup>a</sup> (4.4×10 <sup>-6</sup> gr/dscf)	

<sup>a</sup> In accordance with § 63.342(d)(2), owners or operators using a fume suppressant containing a wetting agent as a control technique can meet an alternate emission limitation of 45 dynes/cm (3.1×10<sup>-3</sup> lb/ft).

Owners and operators of all affected sources are also subject to work practice standards, which require them to complete an operation and maintenance (O&M) plan that contains the minimum elements of § 63.342(f)(3) and Table 2.

TABLE 2.—SUMMARY OF WORK PRACTICE STANDARDS

Control technique	Work practice standards	Frequency
Composite mesh-pad (CMP) system.	<ol style="list-style-type: none"> <li>1. Visually inspect device to ensure there is proper drainage, no chromic acid buildup on the pads, and no evidence of chemical attack on the structural integrity of the device.</li> <li>2. Visually inspect back portion of the mesh pad closet to the fan to ensure there is no breakthrough of chromic acid mist.</li> <li>3. Visually inspect ductwork from tank or tanks to the control device to ensure there are no leaks.</li> <li>4. Perform washdown of the composite mesh-pads in accordance with manufacturers recommendations.</li> </ol>	<ol style="list-style-type: none"> <li>1. 1/quarter.</li> <li>2. 1/quarter.</li> <li>3. 1/quarter.</li> <li>4. Per manufacturer.</li> </ol>
Packed-bed scrubber (PBS) .....	<ol style="list-style-type: none"> <li>1. Visually inspect device to ensure there is proper drainage, no chromic acid buildup on the packed beds, and no evidence of chemical attack on the structural integrity of the device.</li> <li>2. Visually inspect back portion of the chevron blade mist eliminator to ensure that it is dry and there is no breakthrough of chromic acid mist.</li> <li>3. Same as number 3 above .....</li> <li>4. Add fresh makeup water to the top of the packed bed<sup>a,b</sup> .....</li> </ol>	<ol style="list-style-type: none"> <li>1. 1/quarter.</li> <li>2. 1/quarter.</li> <li>3. 1/quarter.</li> <li>4. Whenever makeup is added.</li> </ol>
PBS/CMP system .....	<ol style="list-style-type: none"> <li>1. Same as for CMP system .....</li> <li>2. Same as for CMP system .....</li> <li>3. Same as for CMP system .....</li> <li>4. Same as for CMP system .....</li> </ol>	<ol style="list-style-type: none"> <li>1. 1/quarter.</li> <li>2. 1/quarter.</li> <li>3. 1/quarter.</li> <li>4. Per manufacturer.</li> </ol>
Fiber-bed mist eliminator <sup>c</sup> .....	<ol style="list-style-type: none"> <li>1. Visually inspect fiber-bed unit and prefiltering device to ensure there is proper drainage, no chromic acid buildup in the units, and no evidence of chemical attack on the structural integrity of the devices.</li> <li>2. Visually inspect ductwork from tank or tanks to the control device to ensure there are no leaks.</li> <li>3. Perform washdown of fiber elements in accordance with manufacturers recommendations.</li> </ol>	<ol style="list-style-type: none"> <li>1. 1/quarter.</li> <li>2. 1/quarter.</li> <li>3. Per manufacturer.</li> </ol>
Air pollution control device (APCD) not listed in rule.	To be proposed by the source for approval by the Administrator .....	To be proposed by the source for approval by the Administrator.

**Monitoring Equipment**

Pitot tube .....	Backflush with water, or remove from the duct and rinse with fresh water. Replace in the duct and rotate 180 degrees to ensure that the same zero reading is obtained. Check pitot tube ends for damage. Replace pitot tube if cracked or fatigued.	1/quarter.
Stalagmometer .....	Follow manufacturers recommendations.	

<sup>a</sup> If greater than 50 percent of the scrubber water is drained (e.g., for maintenance purposes), makeup water may be added to the scrubber basin.

<sup>b</sup> For horizontal-flow scrubbers, top is defined as the section of the unit directly above the packing media such that the makeup water would flow perpendicular to the air flow through the packing. For vertical-flow units, the top is defined as the area downstream of the packing material such that the makeup water would flow countercurrent to the air flow through the unit.

<sup>c</sup> Work practice standards for the control device installed upstream of the fiber-bed mist eliminator to prevent plugging do not apply as long as the work practice standards for the fiber-bed unit are followed.