

TABLE 1 TO SUBPART IIIII OF PART 63.—WORK PRACTICE STANDARDS—DESIGN, OPERATION, AND MAINTENANCE REQUIREMENTS—Continued

[As stated in § 63.8192, you must meet the work practice standards in the following table]

For * * *	You must * * *
12. Hydrogen systems	<p>d. Keep each caustic basket closed and sealed, except when operation or maintenance activities require short term access.</p> <p>a. Collect drips from each hydrogen seal pot and compressor seal in containers meeting the requirements in this table for open containers. These drips should not be allowed to run on the floor or in open trenches.</p> <p>b. Minimize purging of hydrogen from a decomposer into the cell room by either sweeping the decomposer with an inert gas or by routing the hydrogen to the hydrogen system.</p> <p>c. Maintain hydrogen piping gaskets in good condition.</p> <p>d. After any maintenance activities, use an appropriate technique (Table 6 to this subpart) to check all hydrogen piping flanges that were opened for hydrogen leaks.</p>

TABLE 2 TO SUBPART IIIII OF PART 63.—WORK PRACTICE STANDARDS—REQUIRED INSPECTIONS

[As stated in § 63.8192, you must meet the work practice standards in the following table]

You must inspect * . *	At least once each * * *	And if you find * * *	You must * * *
1. Each vent hose on each mercury cell	Half day	A leaking vent hose	Take action immediately to correct the leak.
2. Each open-top container holding liquid mercury.	Half day	Liquid mercury that is not covered by an aqueous liquid.	Take action immediately to cover the liquid mercury with an aqueous liquid.
3. Each end box	Half day	<p>a. An end box cover not securely in place.</p> <p>b. An end box stopper not securely in place.</p> <p>c. Liquid mercury in an end box that is not covered by an aqueous liquid at a temperature below boiling.</p>	<p>Take action immediately to put the end box cover securely in place.</p> <p>Take action immediately to put the end box stopper securely in place.</p> <p>Take action immediately to cover the liquid mercury with an aqueous liquid.</p>
4. Each mercury amalgam seal pot	Half day	A seal pot cover that is not securely in place.	Take action immediately to put the seal pot cover securely in place.
5. Each mercury seal pot	Half day	A mercury seal pot stopper not securely in place.	Take action immediately to put the mercury seal pot stopper securely in place.
6. Cell room floors	Month	Cracks, spalling, or other deficiencies that could cause liquid mercury to become trapped.	Repair the crack, spalling, or other deficiency within 1 month from the time you identify the deficiency.
7. Pillars and beams	6 months	Cracks, spalling, or other deficiencies that could cause liquid mercury to become trapped.	Repair the crack, spalling, or other deficiency within 1 month from the time you identify the deficiency.
8. Each caustic basket	Half day	A caustic basket cover that is not securely in place.	Take action immediately to put the caustic basket cover securely in place.
9. All equipment and piping in the caustic system.	Day	Equipment that is leaking caustic	Initiate repair of the leaking equipment within 72 hours from the time that you identify the caustic leak.
10. All floors and other surfaces where liquid mercury could accumulate in cell rooms and other production facilities and in mercury recovery facilities.	Half day	A liquid mercury spill or accumulation	Take the required action specified in Table 3 to this subpart.
11. Each electrolyzer bottom, electrolyzer side panel, end box, mercury amalgam seal pot, decomposer, mercury pump, and hydrogen cooler, and all other vessels, piping, and equipment in liquid mercury service in the cell room.	Day	Equipment that is leaking liquid mercury	Take the required action specified in Table 3 to this subpart.
12. Each decomposer and all hydrogen piping up to the hydrogen header.	Half day	Equipment that is leaking hydrogen and/or mercury vapor.	Take the required action specified in Table 3 to this subpart.
13. All equipment in the hydrogen system from the start of the header to the last control device.	3 months	Equipment that is leaking hydrogen and/or mercury vapor.	Take the required action specified in Table 3 to this subpart.