AIM System Inspection and Testing Checklist: Category 3

UST Facility			Person Completing Checklist	
Facility Name		Facility ID #	Name	
Physical Address			Company	
City	County	State	City	State
UST Owner			Signature	Date Completed

Description	Line 1	Line 2	Line 3	Line 4
Attach a copy of the Certification Form for detailed system description.				
Walkthrough Inspections [280.36]				
Annual				
• Visually check containment sumps at endpoints for damage, leaks to the containment area, or releases to the environment. Remove water and debris.	☐	☐	☐	☐
• For double-walled sumps with interstitial monitoring, check for a leak in the interstitial area.	☐	☐	☐	☐
Every 30 Days				
• Check that system is operating with no alarms or unusual operating conditions.	☐	☐	☐	☐
• Ensure records of system component testing listed below are reviewed and current – Date of the last test is not beyond 1-year (i.e., 365 days) from the previous test.	☐ Pass ☐ Fail	☐ Pass ☐ Fail	☐ Pass ☐ Fail	☐ Pass ☐ Fail
Note: If any of the items below are marked as ***No***, then the AIM system fails. Provide copies of all relevant test forms upon request to the UST implementing agency.				
Testing (Required Annually - Unless Otherwise Noted)				
Monitoring Console 280.40(a)(3)(i)				
• Verify system configuration.	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No
• Test alarm	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No
• Test battery backup	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No
Date of Last Test				
Test Results	☐ Pass ☐ Fail	☐ Pass ☐ Fail	☐ Pass ☐ Fail	☐ Pass ☐ Fail
Sensors 280.40(a)(3)(ii)				
• Test alarm operability for communication with controller/monitoring console.	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No
• Inspect for residual buildup.	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No

IM System Inspection and Testing Checklist: Category 3				
Testing (Continued)				
Description	**Line 1**	**Line 2**	**Line 3**	**Line 4**
Date of Last Test				
Test Results	☐ Pass ☐ Fail	☐ Pass ☐ Fail	☐ Pass ☐ Fail	☐ Pass ☐ Fail
ALLD 280.40(a)(3)(iii)				
• DW piping. Test by air test to prove tightness of the interstitial space.	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No
• Area of containment sump(s) to the activation point of the sensor. **Note:** Integrity could be verified by testing the sump or if the sump is DW, by proving that the interstitial space of the containment sump has integrity. Annual integrity testing of containment sumps at end points that varies from that in 280.35(a)(1)(ii) may be used to test full area of sumps(s) or area of sump(s) to the point of each sensor's activation threshold, if equipped with liquid detecting sensor(s).	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No
Date Last Test				
Test Results	☐ Pass ☐ Fail	☐ Pass ☐ Fail	☐ Pass ☐ Fail	☐ Pass ☐ Fail
Monitoring Points 280.40(a)(3)(iv)				
Containment Sumps Used for Piping Interstitial Monitoring 280.35(a)(1)(ii) – Required Once Every Three Years				
• Test containment sumps used for piping interstitial monitoring to ensure liquid tight by using vacuum, pressure, or liquid testing.	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No
Notes: If DW containment sump with periodic monitoring of both walls of the sump, sump testing to comply with 280.35(a)(1)(ii) is not required.				
Owners and operators testing annually using a recognized low-level sump testing procedure would meet the regulatory requirement. If the owner and operator use an annual test that varies from what is allowed under 280.35 (a)(1)(ii), then once every three years a test must be completed that complies with 280.35(a)(1)(ii).				
Date Last Test				
Test Results	☐ Pass ☐ Fail	☐ Pass ☐ Fail	☐ Pass ☐ Fail	☐ Pass ☐ Fail
Comments				