



OSFM Quarterly Equipment Inspection Checklist/Operations & Maintenance Guidelines For UST System Inspections

Facility Name: _____

Facility ID: _____

THIS QUARTERLY INSPECTION IS IN ADDITION TO ALL OTHER MONTHLY RELEASE DETECTION AND TESTING REQUIREMENTS

UST Quarterly Inspection Equipment Items (place check mark in last column if unusual conditions (UC) exist)		CHECKED	N/A	UC
Section A. Tank Leak Detection Records (Circle applicable number)				
1. Automatic Tank Gauge	Monthly passing print out tape			
2. Interstitial Sensors	Monthly status record of normal or equivalent - Annual functional test Last tested: _____ Test due: _____			
3. S.I.R. (Includes Warren Rogers)	Monthly status report normal or equivalent			
4. Manual Tank Gauging < 600 gal.	Weekly stick measurements with monthly reconciliation			
5. Vapor/Groundwater Monitoring	Monthly log with date, results and inspectors initials			
6. Water in Tank	Monitor ATG for water alarm or check tank utilizing gauge stick and water paste			
Section B. Tank Component Inspection				
1. Tank Monitoring System	Ensure system has power and is in a normal status with no alarms (daily)			
2. Submersible Sump Covers	Ensure all covers are present, in good condition and seated firmly			
3. Submersible Sump	Ensure no water is in submersible sump that contains interstitial sensors If piping is single wall and corrosion prevention is installed, water is allowed			
4. Electrical	Ensure junction boxes are intact and no obvious wire breaks are visible			
Section C. Piping Leak Detection Records (Circle applicable number)				
1. Interstitial Sensors	Monthly status record of normal or equivalent - Annual functional test Last tested: _____ Test due: _____			
2. Mechanical Line Leak Detector	Annual precision test of lines and functionality test of leak detector Last tested: _____ Test due: _____			
3. Electronic Line Leak Detector	If proof of annual 0.1 gph system leak test is performed, a functionality test of the leak detector is required only - If proof is not available a precision line test will also have to be performed Last tested: _____ Test due: _____			
Section D. Piping Component Inspection (Circle applicable number)				
1. Pressurized piping components	Ensure line leak detector is in place, if interstitial sensors are used, ensure they are positioned at the lowest portion of the submersible and dispenser sump			
2. American Suction	Ensure monthly monitoring is in place			
3. Product Piping	Inspect for obvious leaks, deformations, cracks or other abnormalities			
Section E. Corrosion Protection Records (Circle applicable number)				
1. Impressed Current System	Monthly log with date, initials of inspector, hour, volt, amp and power on verification - Annual system test: Last tested: _____ Test due: _____			
2. Sacrificial Anode System	System must be tested every 3 years: Last tested: _____ Test due: _____			
3. Internal Lining	Must be inspected every 5 years: Last tested: _____ Test due: _____			
Section F. Corrosion Component Inspection (Circle applicable number)				
1. Impressed Current System	Ensure rectifier has power and power light functions, observe and record volt, amp and hour meter readings			
2. Sacrificial Anodes	If anodes and connections are visible in submersible or dispenser sumps, observe for obvious connection breaks of wiring from steel components			
Section G. Spill Protection				
1. Spill Protection Equipment	Ensure spill containment is in place, clean, dry & no obvious cracks/tears (daily)			
Section H. Overfill				
1. Automatic Shutoff	Ensure device is in place and free of restrictive items			
2. Overfill Alarm	Ensure device is in place and test function operates properly			
Section I. Dispensers and Emergency Shut-Offs				
1. Hose and Nozzle Components	Observe for obvious leaks, cracks & deformations. Ensure breakaway is installed			
2. Under dispenser	Ensure shear valve is in place and properly anchored. Observe for obvious leaks Ensure interstitial sensors if installed are positioned at the lowest portion Observe for obvious open electrical junction boxes or broken wiring			
Section J. Emergency Shut-Off				
1. Emergency Shut-Off	Ensure emergency shut-offs are accessible and have no obvious damage Last tested: _____ Test due: _____			
Section K. Emergency Actions				
1. System Alarms	Ensure any alarms have been reported as required by facility operations plan			
2. Spills, Leaks or Release	Ensure any release has been reported as required by facility operations plan			

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Daily:	
Monthly:	
Quarterly:	
Annually:	Submit annual Financial Responsibility Report from www.sfm.illinois.gov at Applications & Forms.

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If using this form as part of your Operations & Maintenance Plan, attach the list of your class A/B & C Operators & your facility's Emergency Response Procedures form. The facility Owner must sign the O&M Plan with the A/B Operator, but only the A/B Operator is required to sign the Quarterly Inspection report.

Date of Inspection