

Iowa DNR Documentation Requirements for UST Systems & Components

Component	UST System Installation, Repair and Upgrade Requirements	30 Day Notification		148 FORM	Equipment Repair/Replacement	Secondary Containment Testing	3rd Party Inspection (No. of Inspections)	Testing & Functionality Documentation	Closure Report
New UST System	New System include Tanks, Piping, STP Sumps, UDCs, Spill Containment, Overfill Prevention, Leak Detection, ATG, Probes, etc...	✓	✓		✓	✓ - 3	✓		
Tanks	New Installation	✓	✓		✓	✓ - 3			
	Removal or closure-in-place	✓							✓
	Inspection/Repair of Tank Lining			✓					
	Cathodic Protection repair/replacement			✓					
	New leak detection method			✓			✓		
	New ATG system where one had not existed before			✓			✓		
	Repair/Replacement of ATG system			✓			✓		
	New software that affects monitoring or required cold start								
	Minor software upgrade or reprogramming								
	Installation of ATG Probe- same type								
	Tank Content Change			✓					
Sumps	New Installation		✓		✓	✓ - 1			
	Replacement or Repair			✓	✓	✓ - 1			
	Installation of penetration boot				✓				
	Installation of test boot								
	Tightening of band clamps								
	Replacement of STP with secondary containment			✓					
	Replacement of STP without secondary containment			✓		✓ - 1			
	New leak detection method- monitoring or sensor change			✓					
	Sensor replacement								
Repair/replacement of top hats or sump lids									
Piping	New Installation or Piping Modification/Replacement of more than 10 ft of piping	✓	✓		✓	✓ - 2			
	Replacement of 10 ft. or less of piping			✓	✓	✓ - 2			
	Removal, closure-in-place or replacement	✓							✓
	Modification or repair			✓	✓	✓ - 2			
	Installation of penetration boot				✓				
	Installation of test boot								
	Tightening of band clamps								
	Replacement of flex hoses with secondary containment								
	Replacement of flex hoses without secondary containment								
	New leak detection method			✓					
	Leak detector replacement-Mechanical to Electronic			✓					
Cathodic Protection repair/replacement (documentation required)									
Under Dispenser Containment (UDC)	New Installation		✓		✓	✓ - 1			
	Replacement/Modification or repair			✓	✓	✓ - 1			
	Installation of penetration boot				✓				
	Installation of test boot								
	New leak detection method- monitoring or sensor change			✓					
	Sensor replacement								
Spill/Overfill Prevention	installation/replacement of dispensers			✓					
	Installation of spill bucket at new site		✓		✓				
	Replacement of existing spill bucket			✓	✓				
	Repair/Retrofit of spill bucket				✓				
	Installation of overfill protection device at new site		✓						
	Replacement of overfill prevention device- if different			✓					
Repair of overfill prevention device									

Please use current forms located at www.iowadnr.gov/ust and click UST Forms

You will find guidance documents at www.iowadnr.gov/ust

Revised 03.12.21