

Iowa DNR Documentation Requirements for UST Systems & Components

Component	UST System Installation, Repair and Upgrade Requirements	30 Day Notice Intent to Install	DNR Form 148	Equipment Repair/Replacement	Secondary Containment Testing	3rd Party Inspection (No. of Inspections)	Testing & Functionality Documentation	30 Day Notice of Closure	Closure Report
New UST System	New System includes 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			✓			✓		
	Modification or Repair *			✓	✓	✓ - 2	✓		
	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			✓					
Tank Content Change (may require Biofuel Compatibility form)			✓						
Sumps & Ancillary Equip	New Installation		✓		✓	✓ - 1			
	Replacement or repair			✓	✓	✓ - 1			
	Installation of penetration boot				✓				
	Installation of test boot								
	Replacement of STP (requires secondary containment)			✓	✓	✓ - 1			
	New leak detection method			✓			✓		
	Sensor replacement						✓		
Piping	New Installation	✓	✓		✓	✓ - 2	✓		
	Replacement (any amount)	✓	✓		✓	✓ - 2	✓	✓	✓
	Modification or Repair *			✓	✓	✓ - 2	✓		
	Removal or closure-in-place (includes pipe in a chase)							✓	✓
	Installation of penetration boot				✓				
	Installation of test boot								
	Replacement of flex hoses								
	New leak detection method			✓			✓		
	Leak detector replacement-Mechanical to Electronic			✓			✓		
Cathodic Protection repair/replacement **			✓			✓			
Under Dispenser Containment (UDC)	New Installation or replacement			✓	✓	✓ - 1			
	Modification or repair			✓	✓	✓ - 1			
	Installation of penetration boot				✓				
	Installation of test boot								
	New leak detection method			✓			✓		
	Sensor replacement								
Spill/Overfill Prevention	Installation/replacement of dispensers			✓					
	Installation or replacement of spill bucket			✓	✓				
	Modification or repair of spill bucket			✓	✓				
	Installation or replacement of overfill protection device			✓			✓		
Repair of overfill prevention device			✓			✓			

* Modification or Repair: may require additional reporting, notices, sampling, testing, etc.

** Cathodic protection repair / replacement documentation must include DNR Form 542-0068

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

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