

UNDERGROUND STORAGE TANK INSTALLATION CHECKLIST

(2012 Edition of NFPA 30 – adopted 10/13/2014 Michigan Part 2, Flammable Combustible Liquid Rules)

INSTRUCTIONS: The Hazardous Materials Storage Inspector shall complete this checklist and attach it to an inspection report, one to be retained in the Region file and one for the Main Office file. All boxes shall be completed inserting N/A where non-applicable.	
FACILITY NAME	FACILITY ID NUMBER
CONTACT PERSON ON SITE	RESPONSIBLE PERSON EMAIL ADDRESS;

<input type="checkbox"/> PUBLIC AUTOMOTIVE SERVICE STATION	PRIVATE AUTOMOTIVE SERVICE STATION
<input type="checkbox"/> MARINE SERVICE STATION	INDUSTRIAL
<input type="checkbox"/> OTHER	

		INSTALLATION				INSTALLATION			
SECTION		CODE	VIO	PASS	SECTION	CODE	VIO	PASS	
	Miscellaneous violations	U10			280.20d	Tanks tested before installation	U14		
PA 451	Plans submitted 45 days before installation	U11			280.20d	Interstice space tested for one hour	U16		
280.20a	Tanks proper design and construction	U12			21.5.1	Tank Tested before being placed into service.	U49		
280.93	Financial Responsibility	U92			21.5.2	Tanks and all connections tested before placing into service.	U50		

		PLACEMENT OF TANKS				PLACEMENT OF TANKS			
23.4.1	Undermine foundation and carry load	U53			23.5.1.2	12 inch of backfill such as sand or gravel	U56		
23.4.2 or 23.4.3	3 feet to property line Class I - 1 foot class II or III	U54			23.5.2.1	Proper burial depth, non-traffic area	U57		
280.20 (d)(1)(iv)	Tanks installed 10 feet from structure or foundation to structure	U129			23.5.2.2	Proper burial depth, traffic areas	U58		
23.14.1	Tanks prevented from floating	U55			Back fill used:				
280.20 (d)(1)	Distance to wells	U24			Tank Cover Type and thickness;				

		PROTECTION AND VENTING				PROTECTION AND VENTING			
280.2 0 (a)	Tanks and piping corrosion protection	U29			23.6.1	Venting shall be provided and properly sized	U59		
280.31	Means provided to test protection	U30			27.8.2.1	Vent 12 feet above grade, Class I	U66		
27.6.5	Proper backfill and depth of piping.	U127			27.8.2.6	Vent Class II and Class III – Higher than fill, above normal snow level	U67		
Type of Protection Tank(s);					27.8.2.2	Vent 5' from building openings and 15' from power vents.	U68		
Type of Protection Piping;					27.8.2.13	Vents for Class I shall not be manifolded to tanks with Class II or III	U128		

		TANK OPENINGS, SPILL AND OVERFILL PROTECTION				TANK OPENINGS, SPILL AND OVERFILL PROTECTION			
23.13.1	All tank connections liquid tight	U98			280.20c	Spill prevention equipment provided	U51		
21.4.4	Drop tubes within 6 inches of tank bottom	U122			280.20c	Means of overfill prevention	U52		

		PIPING, ELECTRICAL AND RELEASE DETECTION				PIPING, ELECTRICAL AND RELEASE DETECTION			
27.1.1	Piping installed per FL/CL rules	U123			280.40	Release detection for tanks and piping	U71		
280.20b	Piping either fiberglass or steel and secondary containment	U61			280.44a	Line leak detectors provided	U76		
27.7.1	Piping tested before being covered	U124			Form of release detection (tank):				
22.7.2	Testing piping interstitial space	U125			Form of release detection (piping):				
7.3.2	Electrical certificate provided	U126			Tank Monitor mfg. and Model;				

COMMENTS

INSPECTOR

DATE