Department of Licensing and Regulatory Affairs, Bureau of Fire Services, Storage Tank Section
P.O. Box 30033, Lansing, MI 48909

NOTICE OF PROPOSED INSTALLATION OF UNDERGROUND STORAGE TANKS

Pre-Registration for Underground Storage Tanks

This information is required under Part 211, Underground Storage Tank Regulations, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended, being Sections 324.21101 through 324.21113 of the Michigan Compiled Laws Annotated. A person who violates Part 211 or a rule promulgated under Part 211, or who knowingly submits false information shall be subject to a misdemeanor and/or civil penalties not to exceed $5,000 per violation.

INSTRUCTIONS:
This form must be completed and submitted to the Bureau of Fire Services a minimum of 45 days **PRIOR to installation** of the underground storage tank system. Complete the required information in accordance with the Michigan Underground Storage Tank Rules, R 29.2101 et seq. and the Storage and Handling of Flammable and Combustible Liquids Rules, R 29.5601 et seq. Parts 2 and 3 for underground installations as cited below. The manufacturer and part number must be indicated next to the appropriate item. The item numbers correspond to the Typical Underground Storage Tank Installation diagram on page 3. The Act 451-Section 21102a addendum must be signed and submitted as part of the installation documentation. This form is not intended to list all of the requirements that may be applicable. **THE UST SYSTEM SHALL NOT BE BROUGHT INTO USE UNTIL FORM BFS-3821, REGISTRATION FOR UNDERGROUND STORAGE TANKS, IS COMPLETED AND SUBMITTED TO THE DEPARTMENT OF LICENSING AND REGULATORY AFFAIRS.**
Please direct any questions to the Bureau of Fire Services, Storage Tank Section, at LARA-UST-AST@michigan.gov.

FACILITY NAME	NEW ASSIGNED TANK NUMBER(S)		FACILITY ID NUMBER
FACILITY STREET ADDRESS (PO BOX NOT ACCEPTABLE)	OWNER'S NAME		AREA CODE & TELEPHONE NUMBER ( )
CITY	COUNTY	STATE MI	ZIP CODE
SUBMITTER'S NAME	STREET ADDRESS		AREA CODE & TELEPHONE NUMBER ( )
CITY	STATE		ZIP CODE
OWNER'S EMAIL ADDRESS			

Item No.	DESCRIPTION	MANUFACTURER & PART NO.	ITEM NO.	DESCRIPTION	MANUFACTURER & PART NO.
1.	**TANK DESIGN AND CONSTRUCTION:** Section 280.20(a), 280.20(d), 280.32 & Section 21.4.2 of FL/CL Part 2. Concrete; Steel - UL58; Fiberglass – UL 1316. Corrosion protection - ACT 100. Dimension, Capacity & Contents.		5.	**ANCHORING OF TANK:** Section 23.14 of FL/CL Part 2. In areas subject to flooding or high water table. NOTE: Tie-down straps.	
2.	**BURIAL DEPTH COVER:** Section 23.5.2.1 of FL/CL Part 2. Minimum 2-foot or 1-foot earth & 4-inch reinforced concrete with no vehicular traffic. Minimum 3-foot or 18-inch earth & 6-inch concrete or 8-inch asphalt with vehicular traffic.		6.	**CORROSION PROTECTION FOR TANK:** Section 280.20(a) & Section 23.3.5 of FL/CL Part 2. Fiberglass tanks, steel tanks with cathodic protection, composite steel tanks, are acceptable.	
3.	**BACKFILL MATERIAL SURROUNDING TANK:** Section 23.5.1 of FL/CL Part 2. Per tank manufacturer.		7.	**MONITORING OF CATHODIC PROTECTION:** Section 280.31. Test station-wires to ground surface for access**.**	
4.	**TANK LOCATION:** Section 280.20(d) & Section 23.4 of FL/CL Part 2. 10' from building. 3' for class I or 1' for class II to pit or property line; also to avoid loads transmitted by building foundation-tank outside 45 degree angle. Include site map. (#21)		8.	**PIPING MATERIAL:** Section 280.20(b), 280.20(d), 280.32 & Section 27.6.5 of FL/CL Part 2. Double-walled steel, fiberglass, or other **approved** material. Metallic piping shall be cathodically protected and dielectrically isolated.	

NOTICE OF PROPOSED INSTALLATION OF UNDERGROUND STORAGE TANKS (continued)

Pre-Registration for Underground Storage Tanks

Item No.	DESCRIPTION	MANUFACTURER & PART NO.	ITEM NO.	DESCRIPTION	MANUFACTURER & PART NO.
9.	**CORROSION PROTECTION FOR PIPING:** Section 280.20(b). Metallic piping (including flexible connectors) requires cathodic protection; and dielectric couplings at tank and dispenser to isolate the piping.		15.	**OVERFILL PROTECTION:** Section 280.20(c) (1) (ii). Audible alarm or flow restricted when tank is 90% full, or an automatic shutoff of flow into the tank when the tank is 95% full.	
10.	**RELEASE DETECTION FOR TANK & PIPING:** Section 280.40(a), Section 280.41 & Section 280.42. Must be able to detect a release from any portion of the tank and piping.	a) **TANK:** b) **PIPING:**	16.	**SPILL PROTECTION AROUND FILL PIPE:** Section 280.20(c). Equipment to prevent release of product to the environment when the transfer hose is detached from the fill pipe. Sealed to prevent entry of product into the ground.	
11.	**VENT PIPING:** Section 27.8.2 of FL/CL Part 2. Steel above ground; outlet above snow level, minimum 12 feet above grade for class I.		17.	**AREA BENEATH & AROUND DISPENSER:** Section 28.9 of FL/CL Part 2. Prevent leaks and spills from reaching groundwater, surface water, and subsurface soils.	
12.	**EMERGENCY SHEAR/FIRE VALVE:** Section 6.3.9 and 6.3.10 of FL/CL Part 3. Required on submerged pumping systems, rigidly anchored. Suction systems require check valve or pressure regulating valve under the dispenser.		18.	**PROTECTION AGAINST COLLISION:** Section 6.3.4 of FL/CL Part 3. Raised concrete island or crash posts. NOTE: Local ordinances may be more stringent.	
13.	**EMERGENCY BREAKAWAY DEVICE:** Section 6.5.2 of FL/CL Part 3. Installed on each hose that dispenses a liquid. Designed to retain liquid on both sides of the breakaway point.		19.	**DISPENSING DEVICE and NOZZLE:** Section 6.6 of FL/CL Part 3. Must be listed and identified as to product it dispenses. Self-service needs special feature of nozzle that prevents resumption of flow once pump is stopped	
14.	**LOCATION OF DISPENSER:** Section 6.2.1, 6.3.4, 6.3.5 & 9-4 of FL/CL Part 3. 10 feet from property lines, combustible building walls, and building openings. In clear view of attendant. Within 100 feet of emergency shutoff switch for self-serve.		20.	**SAFETY:** Section 6.7 of FL/CL Part 3. Dispensing devices shall have one or more identified emergency shutoff devices. Section 9.2.5.2 Each motor fuel dispensing facility shall be provided with fire extinguishers per NFPA 10.	

21. A plot plan showing structures, roads, railroads, property lines, and easements within 25 feet of the UST system. Section 280.22 - attach to this form.
22. The location of all applicable drinking water wells and surface water intakes within 2000 feet of the UST system. Section 280.22 - attach to this form.
23. A diagram of the UST system. Section 280.22 - attach to this form.

MAIL TO:	**OVERNIGHT MAIL:**	
Department of Licensing and Regulatory Affairs Bureau of Fire Services, Storage Tank Section P.O. Box 30033, Lansing, MI 48909	LARA Cashiers Office UST/AST 2407 North Grand River Avenue Lansing, MI 48906	

Department of Licensing and Regulatory Affairs, Bureau of Fire Services, Storage Tank Section

P.O. Box 30033, Lansing, MI 48909 Phone 517-241-8847

ACT 451 of 1994 –Section 21102a - Added - effective July 19, 2022

This information is required under Part 211, Underground Storage Tank Regulations, of the Natural Resources and Environmental Protection Act, Act 451 of the Public Acts of 1994. Any owner who knowingly fails to notify or submits false information shall be subject to a misdemeanor punishable by imprisonment for not more than 6 months or fines of not more than $500.00 or both and/or a civil fine not to exceed $5,000.00 for each underground storage tank system for each day of violation.

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***For a new UST system**: Sec. 21102a A person **shall not install** an underground storage tank that meets any of the following conditions:

_____ (a) Is within 2,000 feet of an existing type I community or type IIa noncommunity public water well.

_____ (b) Is within 800 feet of an existing type IIb or type III noncommunity public water well.

_____ (c) Is within 300 feet of a type of well not subdivision (a) or (b).

_____(d) I attest that the proposed UST system(s) design, location & layout as represented on the UST installation submittal package: application (BFS-3820 form); site plan; and tank drawing(s); through site investigation, checks with State Community Water Supply District Office Contact Information(michigan.gov) & the local county Health Officer office Directory | Michigan Association for Local Public Health (malph.org) & review of the EGLE Drinking Water Viewer/Water Well Viewer (state.mi.us), the proposed UST system meets all required setback distances.

Print Name & Official Title	Signature	Date

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*Replacing EXISTING UST system (Located in well type isolation zone(s) noted above)

EXISTING Active UST BEING REPLACED	*Capacity*	*Product Stored*
UTK #		
UTK#		
UTK#		

***ALL (3) items** below MUST BE initialed and type of Professional noted.

_____ The existing facility is in compliance with this part and rules promulgated under this part.

_____ New UST system specified will be replacing an ACTIVE (used within the last 12 months) and based on design, construction, and release detection, will more likely prevent a release from a leak than the existing UST system being replaced.

_____ I am correctly represented as identified below and can provide upon request, proof of meeting the requirements as specified.

Professional Engineer

_____ as defined in section 2001 of the Occupational Code, 1980 PA 299, MCL 339.2001

OR

Qualified underground storage tank consultant

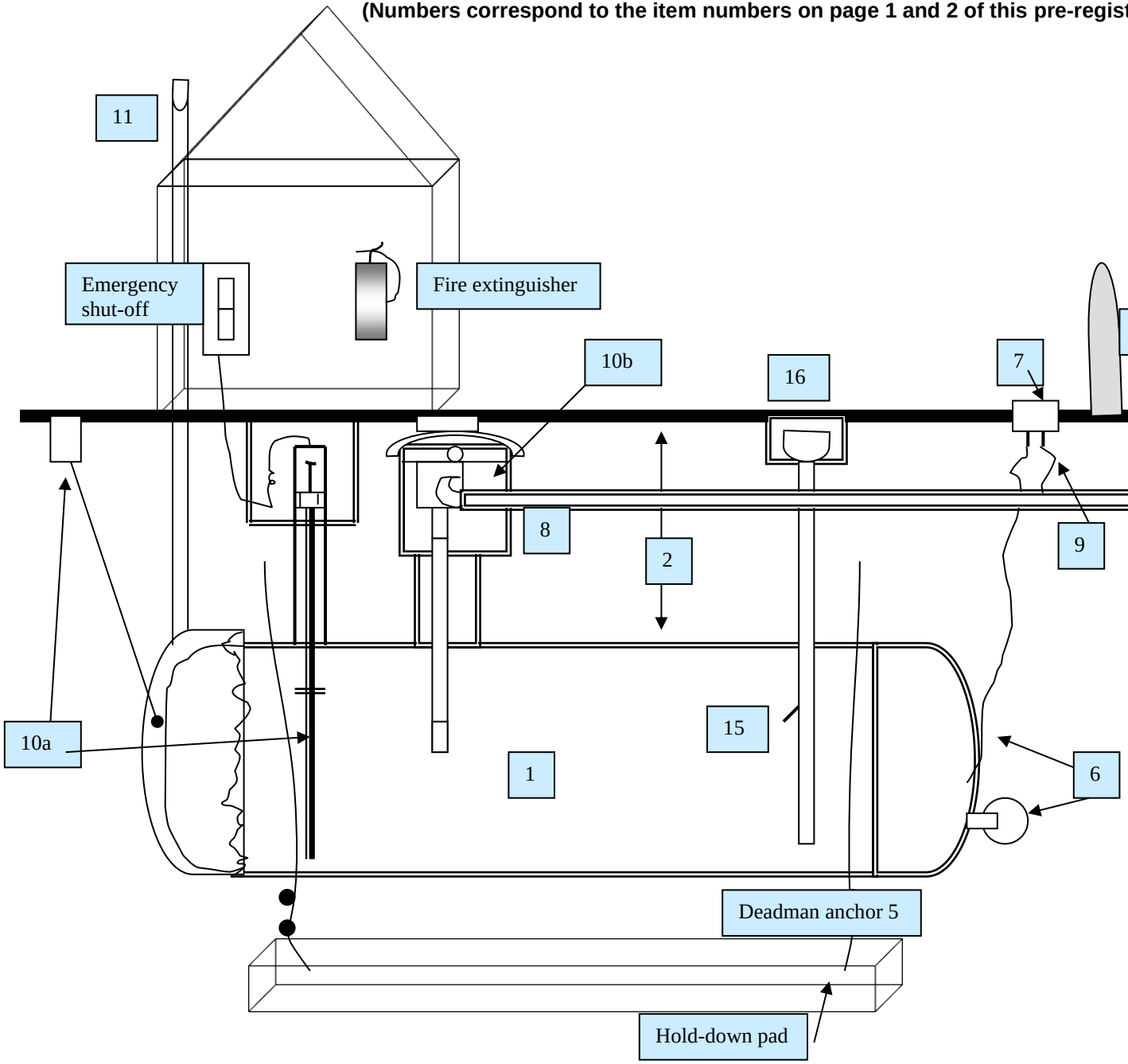
_____ an individual who meets the requirements specified under section 21325.

By initialing the lines above, I attest that the proposed UST system(s) location & layout as represented on the UST installation application (BFS-3820 form), site plan, & tank drawing submittals, via site investigation, checks with the local county Health Officer & review of EGLE Drinking Water Viewer, the proposed UST system meets all required setback distances.

Print Name & Official Title	Signature	Date

TYPICAL UNDERGROUND STORAGE TANK INSTALLATION

(Numbers correspond to the item numbers on page 1 and 2 of this pre-registration form)



1. TANK DESIGN AND CONSTRUCTION
2. BURIAL DEPTH COVER
3. BACKFILL MATERIAL SURROUNDING TANK
4. TANK LOCATION
5. ANCHORING OF TANK
6. CORROSION PROTECTION FOR TANK
7. MONITORING OF CATHODIC PROTECTION
8. PIPING MATERIAL
9. CORROSION PROTECTION FOR PIPING
10. RELEASE DETECTION FOR TANK & PIPING
11. VENT PIPING
12. EMERGENCY SHEAR/FIRE VALVE
13. EMERGENCY BREAKAWAY DEVICE
14. LOCATION OF DISPENSER
15. OVERFILL PROTECTION
16. SPILL PROTECTION AROUND FILL PIPE
17. AREA BENEATH & AROUND DISPENSER
18. PROTECTION AGAINST COLLISION
19. DISPENSING DEVICE
20. HOLD OPEN DEVICE ON NOZZLE