



OFFICE OF THE ILLINOIS STATE FIRE MARSHAL  
Division of Technical Services  
1035 Stevenson Drive  
Springfield, Illinois 62703-4259  
(217)524-7605

FOR OFFICE USE ONLY  
Facility # 2-011005  
Permit # 00478-2012INS  
Request Rec'd 05/15/2012  
Amended Date  
Approval Date 5/15/2012 JC  
Permit Expires 11/15/2012

**Permit for INSTALLATION of Underground Storage Tank(s) and Piping for Petroleum and Hazardous Substances.**

Permission to install underground storage tank(s) or piping is hereby granted. Such installation must be in complete accordance with acceptable materials as specified in the Federal Register, Part II Environmental Protection Agency, 40 CFR Parts 280 and 281, and also with all sections of 41 Illinois Administrative Code, Parts 174, 175 and 176. The contractor the permit was issued to or an employee of that contractor (this does not include a subcontractor) shall submit a required job schedule for installation of underground storage tank(s) to the Office of the State Fire Marshal, Division of Petroleum and Chemical Safety. **THIS PERMIT IS VALID FOR SIX MONTHS FROM THE APPROVAL DATE.**

<b>(1) OWNER OF TANKS</b> - Corporation, partnership, or other business entity:  Illinois Toll Highway Authority One Authority Drive, 2700 Ogden Avenue Downers Grove, IL 60515  Contact: John Wagner (708) 505-0703	<b>(2) FACILITY</b> - name and address where tanks are located:  ISTHA M03 Maintenance Garage Touhy Avenue & 294, Tri-State Tollway, Mile Post 42 Des Plaines, Cook Co., IL  Contact: Kevin Wolthusen (708) 212-4024
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**(3) INSTALLATION OF TANKS:**

- (a) **Number and size of tanks being installed:** One compartment tank consisting of: (TK # 4, 5) - 10,000 gallons each.
- (b) **Type of tanks:** (TK # 4, 5) - (Installing) Fiberglass Double Wall XERXES
- (c) **Type of piping:** (TK # 4, 5) - (Installing) Fiberglass Double Wall Ameron Dualoy 3000/LCX product piping (this will also include one European suction section, and one pressurized return section coming from the new diesel re-circulation pump / piping to and from tank #4 - see permit #00477-2012UPG), (TK # 4) - Installing positive shutoff valves and check valves at the diesel submersible sump only, to accommodate piping cross section with the existing diesel tank #2 only (see permit #00477-2012UPG), (TK # 4, 5) - (Installing) Fiberglass Double Wall Ameron Dualoy 3000/L vent piping.
- (d) **Product to be stored in each tank:** (TK # 4) - Diesel Fuel, (TK # 5) - E-85
- (e) **Type of leak detection being used:**  
**Tank:** (TK # 4, 5) - (Installing) Interstitial Monitoring Veeder Root TLS 350 , (TK # 4, 5) - (Installing) Automatic Tank Gauging Veeder Root TLS 350 with CSLD probes only (a new console is being installed under permit #00477-2012UPG).  
**Piping:** (TK # 4, 5) - (Installing) Electronic Pressurized Line Leak Detection Veeder Root TLS 350 , (TK # 4, 5) - (Installing) Piping Sump Sensors Interstitial Monitoring Veeder Root TLS 350 at both submersible sumps, at the new transition sump for the diesel re-circulation pump located at the dispenser islands (dispenser sump sensors will be installed under permit #00477-2012UPG), and at the tank European suction line sump and pressurized return line tank sump for tank #4, (TK # 4) - (Installing) European with No Test Req Suction extending from the tank to the new diesel re-circulation pump.
- (f) **Corrosion Protection being used:**  
**Tank:** (TK # 4, 5) - (Installing) Fiberglass Non-Corrosive  
**Piping:** (TK # 4, 5) - (Installing) Fiberglass Non-Corrosive
- (g) **Spill containment devices, piping and dispenser containment devices:** (TK # 4, 5) - (Installing) Manhole Pre-manufactured OPW 1SC-2100C 5 gallon
- (h) **Overfill prevention devices:**
- (4) The owner must notify this Office when completion of tank installation has occurred, on the Notification for Underground Storage Tank Form and the licensed contractor must submit the required job schedule for installation to the OSFM prior to the work being performed. Both forms can be obtained at [www.sfm.illinois.gov](http://www.sfm.illinois.gov) or by calling (217)785-1020.

- (5) **GENERAL REQUIREMENTS:** There shall be a minimum of two manufactured slotted or perforated observation wells of at least 4 inches in diameter, installed in each new tank field of tanks larger than 1000 gallons and one well for tanks less than 1000 gallons. A water tight containment shall be installed under all dispensers and at submersible pumps. A hydrostatic test must be performed on all containments. All steel piping for vents, risers, and fills in contact with the ground, backfill, or water shall be dielectrically wrapped or coated. A positive shut off valve shall be installed on pressurized product lines, at the submersibles, or installed at the tank for all suction piping systems. Vent piping is required to be tested from tank to grade level. All steel flex connectors in contact with ground, backfill or water shall have corrosion protection.

**(6) SPECIAL CONTINGENCIES:**

<b>(7) <u>PERSON, FIRM OR COMPANY PERFORMING WORK:</u></b>          Contact Person: Nate Meyer Phone: (815) 398-6250  Contractor Registration #    Exp. 03/07/2014
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Sincerely,



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cc: Storage Tank Safety Specialist -  
Fire Department -  
Office Coordinator -  
Division File  
(Rev. - 9/10)