



OFFICE OF THE ILLINOIS STATE FIRE MARSHAL
Division of Petroleum and Chemical Safety
1035 Stevenson Drive
Springfield, Illinois 62703-4259
(217)785-1020

FOR OFFICE USE ONLY
Facility # 4-024060
Permit # 00509-2013INS
Request Rec'd 05/31/2013
Amended Date
Approval Date 6/3/2013 JC
Permit Expires 12/3/2013

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.**

(1) OWNER OF TANKS - Corporation, partnership, or other business entity: Meyer Oil Company 1505 W. Main Street Teutopolis, IL 62467 Contact: Alan Meyer (217) 857-3163	(2) FACILITY - name and address where tanks are located: Mach 1 16719 N 1000th Street Effingham, Effingham Co., IL Contact: Shannon Cushman (217) 868-2013
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(3) INSTALLATION OF TANKS:

- (a) Number and size of tanks being installed:** (TK # 5) - 6,000 gallons, (TK # 6, 7) - 4,000 gallons
- (b) Type of tanks:** (TK # 5, 6, 7) - (Installing) Composite Double Wall Glasteel II to replace tanks 1,2,3.
- (c) Type of piping:** (TK # 5, 6, 7) - (Installing) partial Fiberglass Single Wall Piping (less than 20' per run) from each tank to the existing single wall piping from tanks 1,2,3 (tanks to be removed under permit #00484-2013REM).
- (d) Product to be stored in each tank:** (TK # 5) - Diesel Fuel, (TK # 6, 7) - Gasoline
- (e) Type of leak detection being used:**
 - Tank:** (TK # 5, 6, 7) - (Installing) Automatic Tank Gauging Veeder Root TLS 350 probes only (the existing console will be re-used), (TK # 5, 6, 7) - (Installing) Interstitial Monitoring Veeder Root TLS 350
 - Piping:** (TK # 5, 6, 7) - (Installing) Electronic Pressurized Line Leak Detection Veeder Root TLS 350 (there are no piping interstitial sensors since the piping is existing single wall fiberglass (contractor states they will rough-in conduits for future sump sensors).
- (f) Corrosion Protection being used:**
 - Tank:** (TK # 5, 6, 7) - (Installing) Composite Non-Corrosive
 - Piping:** (TK # 5, 6, 7) - (Installing) partial Fiberglass Non-Corrosive
- (g) Spill containment devices, piping and dispenser containment devices:** (TK # 5, 6, 7) - (Installing) Manhole Pre-manufactured OPW 1C-2100
- (h) Overfill prevention devices:** (TK # 5, 6, 7) - (Installing) Overfill Drop Tube Valve OPW 71SO

- (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 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: See permit #00484-2013REM for further reference.**

(7) <u>PERSON, FIRM OR COMPANY PERFORMING WORK:</u>	Contact Person: Harvey Stokes Phone: (314) 241-3767 Contractor Registration # IL-246 Exp. 05/28/2014
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Sincerely,

James J. Coffey

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