



Office of the Illinois State Fire Marshal
Division of Petroleum and Chemical Safety
1035 Stevenson Drive
Springfield, IL 62703
2177851020

FOR OFFICE USE ONLY

Facility # 7046400
Permit # 00677-2017INS
Request Rec'd 06/09/2017
Amended Date
Approval Date 6/13/2017 DS
Permit Expires 12/13/2017

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.**

<p>(1) <u>OWNER OF TANKS</u> - Corporation, partnership, or other business entity:</p> <p>Meyer Oil Company 1505 W. Main Street Teutopolis, IL 62467</p> <p>Contact: Alan Meyer (217) 857-3163</p>	<p>(2) <u>FACILITY</u> - name and address where tanks are located:</p> <p>Mach1 #3 709 West Main West City, IL 62812</p> <p>Contact: Alan Meyer (217) 703-1591</p>
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(3) INSTALLATION OF TANKS:

- (a) Number and size of tanks being installed: (TK # 1) - 15,000, (TK # 2, 5) - 8,000, (TK # 3) - 12,000, (TK # 4) - 20,000*
 - (b) Type of tank(s): (TK # 1, 2, 3, 4) Tank - Composite Double Wall Glasteel II, (TK # 5) Tank - Fiberglass Double Wall Containment Solutions*
 - (c) Type of piping: (TK # 1, 2, 3, 4) Piping - Flexible Double Wall A.P.T. Poly Tech S175SC, (TK # 1) Piping - Flexible Double Wall A.P.T. Poly Tech S200SC, (TK # 1) Piping - Chase Secondary Containment A.P.T. Poly Tech DCT-400, (TK # 1, 2, 3, 4) Piping - Dispenser Sumps Petroleum Containment Inc. CLE/CLS Dispenser Sump Conduitless Entry Sump, (TK # 1, 2, 3, 4) Piping - Submersible Sumps Petroleum Containment Inc. 4500 Series, (TK # 5) Piping - Fiberglass Double Wall Ameron Dualoy 3000/L, (TK # 5) Piping - Submersible Sumps Containment Solutions Single Wall Fiberglass*
 - (d) Product to be stored in each tank: (TK # 1) - Diesel Fuel, (TK # 2, 3, 4) - Gasoline, (TK # 5) - Diesel Exhaust Fluid (Non-Regulated)*
 - (e) Type of leak detection being used:*
 - Tank: (TK # 1, 2, 3, 4, 5) Leak Detect - Tank - Automatic Tank Gauging Veeder Root TLS 450 Plus with CSLD, (TK # 1, 2, 3, 4) Leak Detect - Tank - Interstitial Monitoring Veeder Root TLS 450 Plus*
 - Piping: (TK # 1, 2, 3, 4) Leak Detect - Piping - Electronic Pressurized Line Leak Detection Veeder Root TLS 450 Plus 8590 DPLLD, (TK # 1, 2, 3, 4) Leak Detect - Piping - Piping Sump Sensors Interstitial Monitoring Veeder Root TLS 450 Plus*
 - (f) Corrosion Protection being used:*
 - Tank: (TK # 1, 2, 3, 4) Corrosion Prot - Tank - Composite Non-Corrosive, (TK # 5) Corrosion Prot - Tank - Fiberglass Non-Corrosive*
 - Piping: (TK # 1, 2, 3, 4) Corrosion Prot - Piping - Flexible Non-Corrosive, (TK # 5) Corrosion Prot - Piping - Fiberglass Non-Corrosive*
 - (g) Spill containment devices, piping and dispenser containment devices: (TK # 1, 2, 3, 4) Spill Contain Device - Manhole Pre-manufactured OPW 1C-2100C-PEVR*
 - (h) Overfill prevention devices: (TK # 1, 2, 3, 4) Overfill Prev Device - Overfill Drop Tube Valve OPW 71SO-410C overfill drop tube*
- (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 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 :

Proposed new facility in West City., IL. Modern Welding Glassteel II jacketed tanks, 1 - 15,000 gal. diesel; 1 - 20,000 gal. split 8k premium; 12k regular; 1 - 20,000 gal regular with VR interstitial sump sensors, OPW spill and overfill equipment.

Regular tanks are piped to front row of dispensers (20k) and (12k) to the rear row of dispensers; with the capability (via APT 2" dw piping between sumps to supply the entire store. (This sharing back and forth eliminates a syphon bar which is problematic to getting CSLD results). All protected by DPLLD electronic line leak.

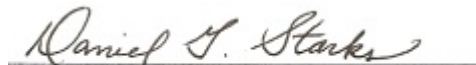
Fiberglass tank sumps with VR sump sensors, probes on all tanks, DPLLD line leak. flexhoses in all sumps with shutoff ballvalves. Diesel tank to have two submerge sumps, one feeds the truck island, the other feeds the 3+1. Two was required to allow adequate flow to the truck side. The vent therefore for the Diesel 15,000 gal. tank will be 3". Entire site leak detection is controlled by VR TLS 450plus.

(6) PERSON, FIRM OR COMPANY PERFORMING WORK:

UPC Enterprises, LC d/b/a United Petroleum Service
1458 Collins Street
St. Louis, MO 63102

Contact Person: Harvey Stokes
Phone: (314) 241-3767
Contractor Registration # IL002402 Exp. 2/10/2018

Sincerely,



Daniel Starks

cc: Storage Tank Safety Specialist
Division File