



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 # 7046210  
Permit # 00951-2016INS  
Request Rec'd 08/01/2016  
Amended Date  
Approval Date 8/1/2016 DS  
Permit Expires 2/1/2017

**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) <b><u>OWNER OF TANKS</u></b> - 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) <b><u>FACILITY</u></b> - name and address where tanks are located:</p> <p>Mach 1 Food Shop 2603 The Hill Ave. Marion, IL 62959</p> <p>Contact: Alan Meyer (217) 273-3163</p>
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**(3) INSTALLATION OF TANKS:**

- (a) *Number and size of tanks being installed: (TK # 1) - 20,000, (TK # 2) - 12,000, (TK # 3) - 8,000, (TK # 4) - 10,000*
- (b) *Type of tank(s): (TK # 1, 2, 3, 4) Tank - Composite Double Wall Glasteel II*
- (c) *Type of piping: (TK # 1, 2, 3, 4) Piping - Flexible Double Wall A.P.T. Poly Tech P175SC, (TK # 1, 2, 3, 4) Piping - Flexible Double Wall A.P.T. Poly Tech S175SC, (TK # 1, 2, 3, 4) Piping - Other submersible pump, (TK # 1, 2, 3, 4) Piping - Chase Secondary Containment A.P.T. Poly Tech DCT-400, (TK # 1) Piping - Extractor Fitting Valves, (TK # 1, 2, 3, 4) Piping - Shear Valves, (TK # 1, 2, 3, 4) Piping - Valves Ball Valve, (TK # 1, 2, 3, 4) Piping - Dispenser Sumps OPW FDS-4000 Series, (TK # 1, 2, 3, 4) Piping - Submersible Sumps OPW Fiberglass, (TK # 1, 2, 3, 4) Piping - Flex Connector Steel*
- (d) *Product to be stored in each tank: (TK # 1, 2, 3) - Gasoline, (TK # 4) - Diesel Fuel*
- (e) *Type of leak detection being used:*
  - Tank: (TK # 1, 2, 3, 4) Leak Detect - Tank - Automatic Tank Gauging Veeder Root TLS 450 Plus ATG, (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, (TK # 1, 2, 3, 4) Leak Detect - Piping - Piping Sump Sensors Interstitial Monitoring Veeder Root TLS 450 Plus in all submersible and dispenser sumps*
- (f) *Corrosion Protection being used:*
  - Tank: (TK # 1, 2, 3, 4) Corrosion Prot - Tank - Composite Non-Corrosive*
  - Piping: (TK # 1, 2, 3, 4) Corrosion Prot - Piping - Other dispenser containment sump, (TK # 1, 2, 3, 4) Corrosion Prot - Piping - Flexible Non-Corrosive*
- (g) *Spill containment devices, piping and dispenser containment devices: (TK # 1, 2, 3, 4) Spill Contain Device - Manhole Pre-manufactured OPW 1-2100C DEVR spill containment manhole, (TK # 2, 3, 4) Spill Contain Device - Manhole Pre-manufactured OPW 1-2100 PEVR 5 gallon*
- (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](http://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 :**

We are proposing to install tanks ( 1 - 20,000; 1 - 20,000 split 12/8; and 10,000 ) and flexible piping on a new location by owner. Clearances to sanitary sewer and retention field is over 20' at any point from piping and tanks. The storm sewer is 18', but is made of gasoline resistant polypropylene and is doublewalled.

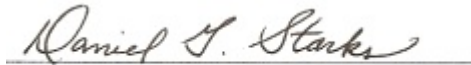
To clarify drawing at the Regular tanks, we are proposing a 20' section of double wall APT piping between said tanks, this will be piped into both regular submerge units to allow proper flow to all dispensers. The Veeder Root tank monitor will regulate which tank is the fullest and utilize the correct pump. All using the PLLD for leak detection throughout.( This is replacing the past practice of installing syphon bar, which have been problematic getting tanks tests to pass).

**(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