



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 # 4046917
Permit # 01596-2019INS
Request Rec'd 08/22/2019
Amended Date
Approval Date 8/22/2019 DS
Permit Expires 2/24/2020

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: Michael Meyer (217) 703-1591	(2) FACILITY - name and address where tanks are located: Mach 1 #24 1525 Georgetown Road Tilton, IL 61833 Contact: Alan Meyer (217) 703-1591
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(3) INSTALLATION OF TANKS:

- (a) *Number and size of tanks being installed: (TK # 1, 5) - 20,000, (TK # 2, 6) - 10,000, (TK # 3, 7) - 8,000, (TK # 4) - 12,000*
- (b) *Type of tank(s): (TK # 1, 2, 3, 4, 5, 6) Tank - Composite Double Wall Glasteel II, (TK # 7) Tank - Fiberglass Double Wall Containment Solutions*
- (c) *Type of piping: (TK # 1, 2, 3, 4) Piping - Flexible Double Wall A.P.T. Poly Tech P200SC from tanks to auto dispensing island as shown in site drawing, (TK # 1, 2, 3, 4, 5, 6) Piping - Other Steel Riser, (TK # 1, 2, 3, 4, 5, 6) Piping - Other submersible pump, (TK # 1, 2, 3, 4) Piping - Chase Secondary Containment A.P.T. Poly Tech DCT-400, (TK # 1, 2, 3, 4, 5, 6) Piping - Ball Valves, (TK # 1, 2, 3, 4, 5, 6) Piping - Shear Valves, (TK # 1, 2, 3, 4, 5, 6) Piping - Flex Connector Steel, (TK # 1, 2, 3, 4, 5, 6) Piping - Single Wall STP/Tanktop Sump Petroleum Containment Inc. 4500 Series, (TK # 5, 6) Piping - Fiberglass Double Wall Ameron Dualoy 3000/LCX from tanks to diesel truck dispensing island as shown in site drawing, (TK # 5, 6) Piping - Fiberglass Secondary Containment Ameron, (TK # 7) Piping - Fiberglass Single Wall Piping Ameron Dualoy 3000L from DEF tank to truck dispensers as shown in site drawing, (TK # 7) Piping - Single Wall STP/Tanktop Sump Containment Solutions Fiberglass*
- (d) *Product to be stored in each tank: (TK # 1, 2) - Gasoline - Regular, (TK # 3) - Gasoline - Premium, (TK # 4, 5, 6) - Diesel Fuel, (TK # 7) - Diesel Exhaust Fluid (Non-Regulated)*
- (e) *Type of leak detection being used:*

Tank: (TK # 1, 2, 3, 4, 5, 6, 7) Leak Detect - Tank - Automatic Tank Gauging Veeder Root TLS 450 Plus with CSLD, (TK # 1, 2, 3, 4, 5, 6, 7) Leak Detect - Tank - Interstitial Monitoring Veeder Root TLS 450 Plus

Piping: (TK # 1, 2, 3, 4, 5, 6) Leak Detect - Piping - Electronic Pressurized Line Leak Detection Veeder Root TLS 450 Plus 8590 DPLLD, (TK # 1, 2, 3, 4, 5, 6) Leak Detect - Piping - Non-Discriminating Sump Sensor Interstitial Monitoring Veeder Root in all submersible and dispenser sumps. NOTE: Sensors MUST shut down the submersible pump supplying that line upon detection of a leak per 175.640 a) 1), (TK # 7) Leak Detect - Piping - Piping Sump Sensors Not Regulated Not Installed
- (f) *Corrosion Protection being used:*

Tank: (TK # 1, 2, 3, 4, 5, 6) Corrosion Prot - Tank - Composite Non-Corrosive, (TK # 7) Corrosion Prot - Tank - Fiberglass Non-Corrosive

Piping: (TK # 1, 2, 3, 4) Corrosion Prot - Piping - Flexible Non-Corrosive, (TK # 5, 6, 7) Corrosion Prot - Piping - Fiberglass Non-Corrosive
- (g) *Spill containment devices, piping and dispenser containment devices: (TK # 1, 2, 3, 4, 5, 6) Spill Contain Device - Single Wall Spill Bucket OPW 1C-2100C-PEVR, (TK # 7) Spill Contain Device - Field Constructed OPW 211*
- (h) *Overfill prevention devices: (TK # 1, 2, 3, 4, 5, 6) Overfill Prev Device - Overfill Drop Tube Valve OPW 71SO-400CTB*

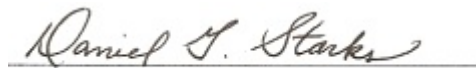
- (4) The owner must notify this Office when completion of tank installation has occurred, on the Notification for Underground Storage Tank Form and the licensed contractor must submit the required job schedule for installation to the OSFM prior to the work being performed. Both forms can be obtained 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** : Installing 30,000 gallon Glasteel II compartment tank, split 20k/10k, both compartments Regular UL. Installing 20,000 Glasteel II compartment tank split 8k/12k. The 8k compartment is Premium UL and the 12k is Auto Diesel. All product line for these tanks are APT XP 200 SC flexible pipe. For the truck diesel we are installing a 30,000 gallon compartment tank split 20k/10k. Both compartment are diesel. Product piping for the truck diesel is Ameron LCX pipe. A 8,000 gallon Containment Solutions double wall FRP tank will be installed for DEF. Single wall Ameron FRP will be used for the DEF line. A Veeder Root TLS-450 Plus with CSLD will be installed with non discriminating sump sensors at all dispenser and tank sumps. Veeder Root DPLLD line leak detection will be used on all products except the DEF. There are 10 gasoline dispensers with a 60' x 156' canopy. the truck canopy is 24' x 67' with 4 diesel hish speed dispensers. OPW spill conainment and overfill drop tubes will be used on the gasoline and diesel tanks.

(6) PERSON, FIRM OR COMPANY PERFORMING WORK:

UPC Enterprises, LC d/b/a United Petroleum Service
4444 Union Blvd.
St. Louis, MO 63115

Contact Person: Harvey Stokes
Phone: (314) 241-3767
Contractor Registration # IL002402 Exp. 2/10/2020

Sincerely,



Daniel Starks

cc: Storage Tank Safety Specialist
Division File