



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

Extended

FOR OFFICE USE ONLY
Facility # 6-045066
Permit # 00146-2012INS
Request Rec'd 02/21/2012
Amended Date
Approval Date 2/21/2012 JC
Permit Expires 2/21/2013

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.**

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| (1) OWNER OF TANKS - Corporation, partnership, or other business entity: Illinois State Police Po Box 19461, 125 E Monroe Rm 300 Springfield, IL 62794-9461 Contact: Whitehead Marvin (217) 782-4667 | (2) FACILITY - name and address where tanks are located: Metro East Forensic Lab 2220 West Main Belleville, St. Clair Co., IL Contact: |
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(3) INSTALLATION OF TANKS:

- (a) **Number and size of tanks being installed:** (TK # 1) - 35,000 gallons (for three generators).
- (b) **Type of tanks:** (TK # 1) - (Installing) Composite Double Wall Modern Welding Glasteel 1 composite tank
- (c) **Type of piping:** (TK # 1) - (Installing) Chase Secondary Containment OPW secondary chase piping, **(TK # 1) - (Installing) Flexible Double Wall OPW Flexworks non corrosive product piping. There will be one supply run and one return run for each tank (these lines will be American suction); furthermore, there will be one supply run from the tank to the filtration pump (this line will be American suction). NOTE ALSO, there will be one run from the filtration pump back to the tank (this line will be pressurized).**
- (d) **Product to be stored in each tank:** (TK # 1) - Diesel Fuel
- (e) **Type of leak detection being used:**
Tank: (TK # 1) - (Installing) Automatic Tank Gauging Pneumercator TMS 2000 , (TK # 1) - (Installing) Interstitial Monitoring Pneumercator LS600LDBN
Piping: (TK # 1) - (Installing) American with Sensors/No Test Suction (see the "type of piping section" above), (TK # 1) - (Installing) Piping Sump Sensors Interstitial Monitoring Pneumercator LS600LDBN at each of the three transition sumps located at the generators, at the filtration pump sump, and at each of the three tank piping sumps.
- (f) **Corrosion Protection being used:**
Tank: (TK # 1) - (Installing) Composite Non-Corrosive
Piping: (TK # 1) - (Installing) Fiberglass Non-Corrosive secondary chase piping , (TK # 1) - (Installing) Flexible Non-Corrosive product piping.
- (g) **Spill containment devices, piping and dispenser containment devices:** (TK # 1) - (Installing) Manhole Pre-manufactured OPW 1-2100-DEV
- (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 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:

(7) PERSON, FIRM OR COMPANY PERFORMING WORK:

Contact Person: Greg Spiros

Sincerely,

A handwritten signature in cursive script, reading "James J. Coffey", is written over a horizontal line.

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