



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

FOR OFFICE USE ONLY
Facility # 2-042654
Permit # 00620-2011INS
Request Rec'd 07/12/2011
Amended Date
Approval Date 7/12/2011 JC
Permit Expires 1/12/2012

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: Tarantula Ventures, LLC 1212 New York Avenue, Suite 900 Washington, DC 20005 Contact: Rebecca Jacobs (202) 728-0044	(2) FACILITY - name and address where tanks are located: DuPont Fabros Chi - Chicago Data Center 2200 Busse Road Elk Grove Village, Cook Co., IL Contact: Brian Elwood (847) 323-5913
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(3) INSTALLATION OF TANKS:

- (a) **Number and size of tanks being installed:** (TK # 4, 5) - 50,000 gallons
- (b) **Type of tanks:** (TK # 4, 5) - (Installing) Composite Double Wall ACT 100
- (c) **Type of piping:** (TK # 4, 5) - (Installing) Submersible Sumps containment FRP, (TK # 4, 5) - (Installing) Two Transition Sumps FRP fiberglass just outside the polisher building, (TK # 4, 5) - (Installing) Flexible Double Wall A.P.T. Poly Tech P200SC supply and return piping from the tanks to the point just outside the tank field only, where they will hook up to the newly installed piping (from phase one of this project) going to the generator, (TK # 4, 5) - (Installing) Chase Secondary Containment A.P.T. Poly Tech DCT-400 for the supply and return piping from the tanks to the polisher building only, (TK # 4, 5) - (Installing) Fiberglass Double Wall Ameron Dualoy 3000/L supply and return piping from the tanks to the polisher building only.
- (d) **Product to be stored in each tank:** (TK # 4, 5) - Diesel Fuel
- (e) **Type of leak detection being used:**
Tank: (TK # 4, 5) - (Installing) Interstitial Monitoring Veeder Root TLS 350 Plus, (TK # 4, 5) - (Installing) Automatic Tank Gauging Veeder Root TLS 350 Plus
Piping: (TK # 4, 5) - (Installing) Piping Sump Sensors Interstitial Monitoring Veeder Root TLS 350 Plus discriminating containment sump sensors at each submersible sump, at both transition sumps outside the polisher building, and at the transition sump just outside of the generator building, (TK # 4, 5) - (Installing) Mechanical Pressurized Line Leak Detection Red Jacket FX1DV
- (f) **Corrosion Protection being used:**
Tank: (TK # 4, 5) - (Installing) Composite Non-Corrosive
Piping: (TK # 4, 5) - (Installing) Fiberglass Non-Corrosive, fiberglass secondary chase piping, and flexible non - corrosive (see the "piping" section).
- (g) **Spill containment devices, piping and dispenser containment devices:**
- (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) <u>PERSON, FIRM OR COMPANY PERFORMING WORK:</u> Contact Person: Jan Hardy Phone: (815) 923-4510 Contractor Registration # Exp.

Sincerely,

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

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