



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 # 2046486  
Permit # 01136-2017INS  
Request Rec'd 09/08/2017  
Amended Date  
Approval Date 9/13/2017 DS  
Permit Expires 3/13/2018

**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><b>(1) <u>OWNER OF TANKS</u></b> - Corporation, partnership, or other business entity:</p> <p>Lurie Children's Hospital 225 East Chicago Ave. Chicago, IL 60611</p> <p>Contact: Al Kruse (312) 227-0074</p>	<p><b>(2) <u>FACILITY</u></b> - name and address where tanks are located:</p> <p>Meadow Park Ambulatory Surgery Center 1131 Techny Road Northbrook, IL 60062</p> <p>Contact: Stacey Panek (312) 227-3568</p>
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**(3) INSTALLATION OF TANKS:**

- (a) Number and size of tanks being installed: (TK # 1) - 1,100*
- (b) Type of tank(s): (TK # 1) Tank - Composite Double Wall Glasteel II*
- (c) Type of piping: (TK # 1) Piping - Flexible Double Wall OmegaFlex DoubleTrac , (TK # 1) Piping - Valves Ball Valve, (TK # 1) Piping - Valves Foot Valve , (TK # 1) Piping - Submersible Sumps Franklin Fueling Systems 4800 Series*
- (d) Product to be stored in each tank: (TK # 1) - Diesel Fuel*
- (e) Type of leak detection being used:*
  - Tank: (TK # 1) Leak Detect - Tank - Interstitial Monitoring Pneumercator ES825F*
  - Piping: (TK # 1) Leak Detect - Piping - American with Sensors/No Test Suction , (TK # 1) Leak Detect - Piping - Piping Sump Sensors Interstitial Monitoring Pneumercator LS600LDBN*
- (f) Corrosion Protection being used:*
  - Tank: (TK # 1) Corrosion Prot - Tank - Composite Non-Corrosive*
  - Piping: (TK # 1) Corrosion Prot - Piping - Flexible Non-Corrosive*
- (g) Spill containment devices, piping and dispenser containment devices: (TK # 1) Spill Contain Device - Manhole Pre-manufactured OPW 1-2105*
- (h) Overfill prevention devices: (TK # 1) Overfill Prev Device - Overfill Drop Tube Valve OPW 71SO-4000 overfill drop tube valve, (TK # 1) Overfill Prev Device - Overfill Alarm Pneumercator TMS 2000*

**(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 :**

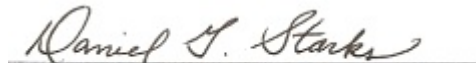
- 1) Permit tank and piping with state fire marshal
- 2) Excavate and remove spoils - Pour 8 foot x 12 foot x 12 inch hold down pad
- 3) Receive tank with vacuum on interstitial. Set, anchor to pad, and back fill with state fire marshal scheduled inspection.
- 4) Excavate for supply and return piping and leak detection conduits.
- 5) Install flexible piping and conduits. Schedule state fire marshal for inspections for primary and doublewall air tests. Conduct hydrostatic test of piping sumps.
- 6) Backfill of piping and conduits. Pour pad above tank at grade.
- 7) Wire and start up Pneumercator system and overfill alarm.
- 8) Schedule final inspection with state fire marshal.

**(6) PERSON, FIRM OR COMPANY PERFORMING WORK:**

J & D Mechanical Industries, Inc.  
6521 Main Street, Suite A P.O. Box 113  
Union, IL 60180

Contact Person: Cheryl Zielke  
Phone: (815) 923-4510  
Contractor Registration # IL1943 Exp. 4/26/2018

Sincerely,



Daniel Starks

**cc:** Storage Tank Safety Specialist  
Division File