



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 # 2025797
Permit # 01011-2015INS
Request Rec'd 09/22/2015
Amended Date
Approval Date 9/23/2015 DS
Permit Expires 3/23/2016

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) <u>OWNER OF TANKS</u> - Corporation, partnership, or other business entity:</p> <p>Lake Forest Hospital 660 N. Westmoreland Rd. Lake Forest, IL 60045</p> <p>Contact: Rob Sacramento (708) 234-5600</p>	<p>(2) <u>FACILITY</u> - name and address where tanks are located:</p> <p>Lake Forest Hospital 660 N. Westmoreland Rd. Lake Forest, IL 60045</p> <p>Contact: Mike Eaton (708) 234-5600</p>
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(3) INSTALLATION OF TANKS:

- (a) *Number and size of tanks being installed: (TK # 5) - 25,000*
- (b) *Type of tank(s): (TK # 5) Tank - Fiberglass Brine Filled Double Wall XERXES*
- (c) *Type of piping: (TK # 5) Piping - Fiberglass Single Wall Piping Ameron Dualoy 3000L single wall fiberglass vent piping, (TK # 5) Piping - Flexible Double Wall OmegaFlex DoubleTrac from tank to both transition sumps, one in-line sump and one at building where piping transitions to above ground piping, also to and from fuel polisher per site plan, (TK # 5) Piping - Other submersible pump, (TK # 5) Piping - Valves Ball Valve, (TK # 5) Piping - Submersible Sumps containment FRP, (TK # 5) Piping - Sumps Entry Boots, (TK # 5) Piping - Transition Sumps FRP fiberglass*
- (d) *Product to be stored in each tank: (TK # 5) - Diesel Fuel*
- (e) *Type of leak detection being used:*
 - Tank: (TK # 5) Leak Detect - Tank - Hydrostatic Reservoir Sensors Interstitial Monitoring Veeder Root TLS 350 Dual stage, (TK # 5) Leak Detect - Tank - Interstitial Monitoring Veeder Root TLS 350 Plus*
 - Piping: (TK # 5) Leak Detect - Piping - Electronic Pressurized Line Leak Detection Veeder Root TLS 350 PLLD leak sensors, (TK # 5) Leak Detect - Piping - American with Sensors/No Test Suction, (TK # 5) Leak Detect - Piping - Piping Sump Sensors Interstitial Monitoring Veeder Root TLS 350 Plus in all transition sumps and in submersible sump, as well as in the tank sumps where fuel polishing line supplies and returns.*
- (f) *Corrosion Protection being used:*
 - Tank: (TK # 5) Corrosion Prot - Tank - Fiberglass Non-Corrosive*
 - Piping: (TK # 5) Corrosion Prot - Piping - Flexible Non-Corrosive*
- (g) *Spill containment devices, piping and dispenser containment devices: (TK # 5) Spill Contain Device - Manhole Pre-manufactured OPW 101-2100*
- (h) *Overfill prevention devices: (TK # 5) Overfill Prev Device - Overfill Drop Tube Valve OPW 71SO, (TK # 5) Overfill Prev Device - Overfill Alarm Veeder Root TLS 350 Plus*

(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 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.

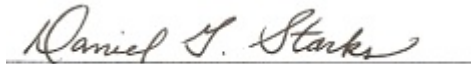
(6) SPECIAL CONTINGENCIES :

(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. 4/26/2016

Sincerely,



Daniel Starks

cc: Storage Tank Safety Specialist
Division File