



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 # 2000765
Permit # 01127-2018INS
Request Rec'd 08/15/2018
Amended Date
Approval Date 8/16/2018 DS
Permit Expires 2/19/2019

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>KR 2005 INC Petroleum Project 1032 Larkin Ave Elgin, IL 60123 Contact: Pragnesh Shah (630) 926-5937</p>	<p>(2) <u>FACILITY</u> - name and address where tanks are located:</p> <p>KR 2005 INC Petroleum Project 1032 Larkin Ave. Elgin, IL 60123 Contact: Abdul Azeem (440) 792-4200</p>
---	--

(3) INSTALLATION OF TANKS:

- (a) *Number and size of tanks being installed: (TK # 4, 6) - 6,000, (TK # 5) - 12,000*
- (b) *Type of tank(s): (TK # 4, 5, 6) Tank - Fiberglass Double Wall XERXES*
- (c) *Type of piping: (TK # 4, 5, 6) Piping - Flexible Double Wall OmegaFlex DoubleTrac, (TK # 4, 5, 6) Piping - Shear Valves, (TK # 4, 5, 6) Piping - Valves Ball Valve, (TK # 4, 5, 6) Piping - Submersible Sumps Bravo B-407-PP Single Wall*
- (d) *Product to be stored in each tank: (TK # 4, 5) - Gasoline, (TK # 6) - Diesel Fuel*
- (e) *Type of leak detection being used:*

Tank: (TK # 4, 5, 6) Leak Detect - Tank - Automatic Tank Gauging Veeder Root TLS 350R, (TK # 4, 5, 6) Leak Detect - Tank - Interstitial Monitoring Veeder Root TLS 350R

Piping: (TK # 4, 5, 6) Leak Detect - Piping - Electronic Pressurized Line Leak Detection Veeder Root TLS 350R, (TK # 4, 5, 6) Leak Detect - Piping - Piping Sump Sensors Interstitial Monitoring Veeder Root TLS 350R in all submersible and dispenser sumps. NOTE: Sensors must shut down the submersible that supplies that line upon detection of a leak per 175.640 a) 2)
- (f) *Corrosion Protection being used:*

Tank: (TK # 4, 5, 6) Corrosion Prot - Tank - Fiberglass Non-Corrosive

Piping: (TK # 4, 5, 6) Corrosion Prot - Piping - Flexible Non-Corrosive
- (g) *Spill containment devices, piping and dispenser containment devices: (TK # 4, 5, 6) Spill Contain Device - Manhole Pre-manufactured OPW 1-2100C DEVR Single Wall*
- (h) *Overflow prevention devices: (TK # 4, 5, 6) Overflow Prev Device - Overflow Drop Tube Valve OPW 71SO-400C*

(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 :**

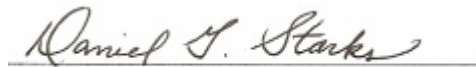
Installing (3) compartment Tank, DW FRP Xerxes tank 6000 premium gas/12,000 reg gas/6000 diesel.
Installing omegaflex pipe to islands. Diesle line to only 1 island.
Ameron single wall fiberglass pipe to corner of building.
Veeder Root TLS 350R to monitor tanks, interstitial sensor for leak detection tanks. Sensors in tank top sumps and dispenser pans.
Electronic line leak detection for FE Petro Submersible Pumps.
S. Bravo fiberglass tank sumps and dispenser pans.

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

Crowne Industries, Ltd.
651 S. Sutton Road #214
Streamwood, IL 60107

Contact Person: Robert Sumoski
Phone: (630) 497-9009
Contractor Registration # IL002345 Exp. 5/16/2020

Sincerely,



Daniel Starks

cc: Storage Tank Safety Specialist
Division File