



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 # 2018579  
Permit # 01126-2015INS  
Request Rec'd 10/13/2015  
Amended Date  
Approval Date 10/14/2015 DS  
Permit Expires 4/14/2016

**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) <b><u>OWNER OF TANKS</u></b> - Corporation, partnership, or other business entity:</p> <p>Village of Glenview 1225 Waukegan Road Glenview, IL 60026</p> <p>Contact: Tim Schwister (847) 904-4358</p>	<p>(2) <b><u>FACILITY</u></b> - name and address where tanks are located:</p> <p>Glenview Public Works 1333 Shermer Road Glenview, IL 60025</p> <p>Contact: Gil Taylor (847) 657-3030</p>
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**(3) INSTALLATION OF TANKS:**

- (a) *Number and size of tanks being installed: (TK # 7, 8) - 12,000*
- (b) *Type of tank(s): (TK # 7, 8) Tank - Fiberglass Double Wall XERXES*
- (c) *Type of piping: (TK # 7, 8) Piping - Fiberglass Double Wall Ameron Dualoy 3000/LCX, (TK # 7, 8) Piping - Fiberglass Secondary Containment Ameron, (TK # 7, 8) Piping - Positive Shutoff Valves, (TK # 7, 8) Piping - Valves Ball Valve, (TK # 7, 8) Piping - Dispenser Sumps containment FRP, (TK # 7, 8) Piping - Submersible Sumps containment FRP, (TK # 7, 8) Piping - Flex Connector Steel*
- (d) *Product to be stored in each tank: (TK # 7) - Gasoline, (TK # 8) - Diesel Fuel*
- (e) *Type of leak detection being used:*
  - Tank: (TK # 7, 8) Leak Detect - Tank - Automatic Tank Gauging Veeder Root TLS 350, (TK # 7, 8) Leak Detect - Tank - Interstitial Monitoring Veeder Root TLS 350*
  - Piping: (TK # 7, 8) Leak Detect - Piping - Electronic Pressurized Line Leak Detection Veeder Root TLS 350 PLLD leak sensors, (TK # 7, 8) Leak Detect - Piping - Piping Sump Sensors Interstitial Monitoring Veeder Root TLS 350*
- (f) *Corrosion Protection being used:*
  - Tank: (TK # 7, 8) Corrosion Prot - Tank - Fiberglass Non-Corrosive*
  - Piping: (TK # 7, 8) Corrosion Prot - Piping - Fiberglass Non-Corrosive*
- (g) *Spill containment devices, piping and dispenser containment devices: (TK # 7, 8) Spill Contain Device - Manhole Pre-manufactured EBW 715*
- (h) *Overfill prevention devices: (TK # 7, 8) Overfill Prev Device - Overfill Drop Tube Valve OPW 71SO*

- (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 :**

**TANKS:**

Installing (2) 12,000 gallon double wall fiberglass tanks for gasoline and for diesel manufactured by Xerxes Corporation.

**ISLANDS/DISPENSERS**

Installing (1) island measuring 4' x 12' with crash protection for fuel dispensing. There will be smaller fueling islands measuring approx 4' x 4' under an existing canopy. There will be dispenser pans installed beneath dispensers at islands and each will have liquid sump sensor.

**OVERSPILL MANHOLE & OVERFILL VALVE**

Installing EBW brand 15 gallon below grade overspill manholes - EBW 715

Installing OPW 7150 overfill prevention valves.

**PIPING:**

**Product Lines:**

Fiberglass Ameron LCX double wall piping to all islands.

**Vent lines:**

Ameron single wall fiberglass and will run to building to the west.

**SUBMERSIBLE PUMPS:**

Installing FE Petro brand 1.5 horsepower submersible pumps with Veeder Root PLLD electronic line leak detectors.

**LEAK DETECTION:**

Reusing existing Veeder Root TLS console.

Veeder Root TLS 350 will be installed with liquid sensors as follows:

- a. (1) Liquid sensor within the tank interstice - total (2).
- b. (1) Liquid sensor within each piping sump at tank top – Total of (2).
- c. (1) Liquid sensor under each dispenser within dispenser pans at ALL islands – Total of (4) for leak detection.
- d. (2) In-Tank Level only probes monitoring levels and performing tank testing
- e. Veeder Root electronic line leak detectors. PLLD.

Concrete pads will cover tanks and surround islands.

No change to existing canopy. No new canopy to be installed.

**(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. 5/16/2016

Sincerely,



Daniel Starks

cc: Storage Tank Safety Specialist  
Division File