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 # 2017543
Permit # 01332-2019INS
Request Rec'd 07/15/2019
Amended Date
Approval Date 7/16/2019 DS
Permit Expires 1/16/2020

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:	**(2) FACILITY** - name and address where tanks are located:
Village of Niles 1000 Civic Center Drive Niles, IL 607143132 Contact: Robert Pilat (847) 588-7961	Public Service Building 6849 Touhy Avenue Niles, IL 60714 Contact: Mike Haws (847) 588-7960

(3) INSTALLATION OF TANKS:

(a) Number and size of tanks being installed: (TK # 7, 8) - 20,000

(b) Type of tank(s): (TK # 7, 8) Tank - Fiberglass Brine Filled Double Wall XERXES

(c) Type of piping: (TK # 7, 8) Piping - Flexible Double Wall Franklin Fueling Systems UPP from tanks to dispensers as shown in site drawing, (TK # 7, 8) Piping - Ball Valves , (TK # 7, 8) Piping - Shear Valves , (TK # 7, 8) Piping - Single Wall STP/Tanktop Sump Bravo B-407-PP

(d) Product to be stored in each tank: (TK # 7) - Gasoline - Regular, (TK # 8) - Diesel Fuel

(e) Type of leak detection being used:

Tank: (TK # 7, 8) Leak Detect - Tank - Automatic Tank Gauging Veeder Root TLS 450 Plus , (TK # 7, 8) Leak Detect - Tank - Hydrostatic Reservoir Sensors Interstitial Monitoring Veeder Root TLS 450 interstitial brine sensor

Piping: (TK # 7, 8) Leak Detect - Piping - Electronic Pressurized Line Leak Detection Veeder Root TLS 450 Plus 8590 DPLLD, (TK # 7, 8) Leak Detect - Piping - Non-Discriminating Sump Sensor Interstitial Monitoring Veeder Root in all submersible and dispenser sumps. NOTE: Sensors must shut down the submersible pump supplying that line upon detection of a leak per 175.640 a) 1)

(f) Corrosion Protection being used:

Tank: (TK # 7, 8) Corrosion Prot - Tank - Fiberglass Non-Corrosive

Piping: (TK # 7, 8) Corrosion Prot - Piping - Flexible Non-Corrosive

(g) Spill containment devices, piping and dispenser containment devices: (TK # 7, 8) Spill Contain Device - Single Wall Spill Bucket OPW 101 BG-2100 1

(h) Overfill prevention devices: (TK # 7) Overfill Prev Device - Overfill Drop Tube Valve OPW 71SO-410C , (TK # 7, 8) Overfill Prev Device - Overfill Alarm Veeder Root TLS 450plus , (TK # 8) Overfill Prev Device - Overfill Drop Tube Valve OPW 71SO-4010

(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.govor by calling (217)785-1020.

(5) GENERAL REQUIREMENTS : There shall be a minimum of two manufactured slotted or perforated observation wells of at lease 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 a new fleet fueling system.
Installing:

- (2) Xerxes brand 20,000 gallon double wall brine filled tanks.
- (1) new Canopy measuring 33 x 40
- (1) new island with (2) 4 hose, 2 product dispensers. Concrete filled steel bollards will provide crash protection.
- Tank top and under dispenser containment will be SBravo brand fiberglass single wall sumps.
- Overspill manholes (5 gallon) will be installed, overfill valves and an overfill alarm.
- Veeder Root TLS 450Plus will monitor the tanks and containment. Sump sensors installed under the dispensers, within the tank top containment (submersible pumps), brine filled interstice monitor, overfill alarm, Level gauging and elecronic line leak detection.
- Submersible pumps will be installed on each tank. They will be FE Petro 1.5 horsepower submersible pumps.
- Shear valves will be installed under the dispensers.
- Ball valves will be installed within the tank top containment sumps.
- The piping will be double wall Franklin Fueling UPP Pipe.
- The vent pipe will be single wall Franklin Fueling UPP pipe.
- Estops will be installed on the island and at the building within 100 feet.
- New concrete will cover the tanks and fueling areas.
- A fuel managment system will provide fuel dispensing control/security.

(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 S. Starks

Daniel Starks

cc: Storage Tank Safety Specialist
Division File