



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 # 2000873
Permit # 00521-2023INS
Request Rec'd 05/12/2023
Amended Date
Approval Date 5/16/2023 DS
Permit Expires 11/16/2023

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: McHenry High School Dist #156 & 15 5805 W. Rt. 120 McHenry, IL 60050 Contact: Jeffrey Schubert (815) 385-6622	(2) FACILITY - name and address where tanks are located: McHenry High School Dist. 156 5805 W. Rt. 120 McHenry, IL 60050 Contact: Jeff Sherman (815) 385-6622
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(3) INSTALLATION OF TANKS:

(a) *Number and size of tanks being installed: (TK # 3) - 10,000*

(b) *Type of tank(s): (TK # 3) Tank - Composite Double Wall Lannon*

(c) *Type of piping: (TK # 3) Piping - Fiberglass Single Wall Piping Ameron Dualoy 3000L for vents, (TK # 3) Piping - Fiberglass Double Wall Ameron Dualoy 3000/LCX from tank to dispensers, (TK # 3) Piping - Other Submersible Pump, (TK # 3) Piping - Ball Valves , (TK # 3) Piping - Positive Shutoff Valves , (TK # 3) Piping - Shear Valves , (TK # 3) Piping - Single Wall STP/Tanktop Sump*

(d) *Product to be stored in each tank: (TK # 3) - Diesel Fuel*

(e) *Type of leak detection being used:*

Tank: (TK # 3) Leak Detect - Tank - Automatic Tank Gauging Veeder Root TLS 450 Plus , (TK # 3) Leak Detect - Tank - Non-Discriminating Interstitial Monitoring Sensors

Piping: (TK # 3) Leak Detect - Piping - Electronic Pressurized Line Leak Detection, (TK # 3) Leak Detect - Piping - Non-Discriminating Sump Sensor with positive shutdown in submersible and dispenser sumps

(f) *Corrosion Protection being used:*

Tank: (TK # 3) Corrosion Prot - Tank - Composite Non-Corrosive

Piping: (TK # 3) Corrosion Prot - Piping - Fiberglass Non-Corrosive

(g) *Spill containment devices, piping and dispenser containment devices: (TK # 3) Spill Contain Device - Double Wall Spill Bucket*

(h) *Overfill prevention devices: (TK # 3) Overfill Prev Device - Overfill Drop Tube Valve , (TK # 3) Overfill Prev Device - Overfill Alarm*

(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 or 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 :

TANK: Installing (1) 10,000 gallon double wall composite tank for diesel. 10,000 gallons for diesel. manufactured by Lannon Tank.

ISLANDS/DISPENSERS Installing (1) island measuring with crash protection for fuel dispensing. There will be dispenser pans installed beneath dispensers at islands and each will have liquid sump sensor with positive shutdown.

OVERSPILL MANHOLE & OVERFILL VALVE Installing (1) OPW brand EDGE 5 gallondouble wall overspill manholes. Installing (1) OPW 71SO overfill prevention valves.

PIPING: Product Lines: Ameron LCX double wall piping to all island. Vent line: Ameron single wall fiberglass and will run to island.

SUBMERSIBLE PUMP: Installing FE Petro brand 2 horsepower submersible pump for diesel with electronic line leak detectors by Veeder Root.

LEAK DETECTION: Veeder Root TLS 450 Plus will be installed with liquid sensors as follows: (1) Liquid sensor within the tank interstice with positive shut down. (1) Liquid sensor within piping sump at tank top – (1) Liquid sensor under each dispenser within dispenser pans – Total of (3) for leak detection with positive shut down. (1) In-Tank Level only probes monitoring levels.

Concrete & Canopy: Concrete pads will cover tank and surround island. No Canopy will be furnished and installed

NOTES: Dispensers must maintain a full 10' from buildings and property lines. A motor fuel dispensing permit must be applied for asap.

(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. 5/16/2024

Sincerely,



Daniel Starks

cc: Storage Tank Safety Specialist
Division File