



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 # 2047217
Permit # 00387-2021INS
Request Rec'd 03/31/2021
Amended Date
Approval Date 4/1/2021 DS
Permit Expires 10/1/2021

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) <u>OWNER OF TANKS</u> - Corporation, partnership, or other business entity: Dept of Veteran Affairs Edward Hines Jr. Hospital 5th & Roosevelt Road, Bldg 218 P.O. Box 5000-138S Hines, IL 60140 Contact: Tony Hill (708) 202-8387	(2) <u>FACILITY</u> - name and address where tanks are located: Edward Hines Jr VA Hospital 5th & Roosevelt Road Building 226B Hines, IL 60141 Contact: Jon Trolla (708) 681-6761
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(3) INSTALLATION OF TANKS:

(a) *Number and size of tanks being installed: (TK # 1) - 40,000*

(b) *Type of tank(s): (TK # 1) Tank - Fiberglass Double Wall XERXES*

(c) *Type of piping: (TK # 1) Piping - Flexible Double Wall OmegaFlex DoubleTrac for supply and return line, (TK # 1) Piping - Ball Valves, (TK # 1) Piping - Valves Foot Valve, (TK # 1) Piping - Double Wall STP/Tanktop Sump*

(d) *Product to be stored in each tank: (TK # 1) - Diesel Fuel*

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

Tank: (TK # 1) Leak Detect - Tank - Automatic Tank Gauging Veeder Root TLS 450 Plus with CSLD, (TK # 1) Leak Detect - Tank - Hydrostatic Reservoir Sensors Interstitial Monitoring

Piping: (TK # 1) Leak Detect - Piping - American with Sensors/No Test Suction, (TK # 1) Leak Detect - Piping - Non-Discriminating Sump Sensor with positive shutdown

NOTE: Positive shut down will be disabled and the sensors will alarm ONLY

(f) *Corrosion Protection being used:*

Tank: (TK # 1) Corrosion Prot - Tank - Fiberglass Non-Corrosive

Piping: (TK # 1) Corrosion Prot - Piping - Flexible Non-Corrosive

(g) *Spill containment devices, piping and dispenser containment devices: (TK # 1) Spill Contain Device - Single Wall Spill Bucket*

(h) *Overfill prevention devices: (TK # 1) Overfill Prev Device - Overfill Drop Tube Valve, (TK # 1) 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 :

40,000 gal double wall fiberglass tank for backup generator fuel storage/supply.

(2) fuel supply & (2) fuel return lines that are 2" double wall omegaflex doubletrac pipe runs to building. Pipe will penetrate the floor in the generator room and will be surrounded by concrete, no containment sump because the pipe will be above the floor line.

(1) 3" single wall fiberglass single wall vent line to building

(4) Tank top double wall fiberglass containment sumps with liquid sensors in each. Sensors will NOT trigger positive shutdown because this is a back up generator system.

Overfill Valve and Veeder Root Overfill Alarm.

15 gallon overspill manhole.

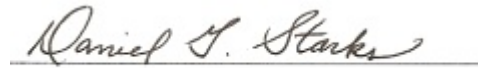
Veeder Root TLS 450 plus with CSLD and hydrostatic interstitial sensor.

(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. 5/16/2022

Sincerely,



Daniel Starks

cc: Storage Tank Safety Specialist
Division File