



**Office of the Illinois State Fire Marshal
Division of Petroleum and Chemical Safety**
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Extended/Amended

FOR OFFICE USE ONLY

Facility #: 2000157
Permit #: 01217-2022INS
Request Rec'd: 11/02/2022
Amended Date: 11/01/2023 DS
Approval Date: 11/03/2022 DS
Permit Expires: 11/03/2023

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 shall establish a date and time certain to perform the UST activity by scheduling the permitted activity through their UST contractor portal account. All testing forms must be submitted prior to the final being conducted. The tank owner must submit a Notification for Underground Storage Tanks form prior to the scheduling of the final schedule at: <https://webapps.sfm.illinois.gov/USTPortal/NotificationForm>.

THIS PERMIT IS VALID FOR SIX MONTHS FROM THE APPROVAL DATE.

OWNER OF TANKS - Corporation, partnership, or other business entity: Glenbrook Hospital 2100 Pfingsten Rd. Glenview, IL 60025 Cook County Contact: John McKenzie 847/570-2653	FACILITY - name and address where tanks are located: Glenbrook Hospital 2100 Pfingsten Rd. Glenview, IL 60025 Cook County Contact: Dan Fleming 847/570-2653
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Tanks on the Permit

Tank #	Product	Capacity	Tank Status	Regulated Status
6	Diesel Fuel	15,000	Installed/Not in Use	Federal

Tank 6 Equipment

Equipment Type	Permit Equipment	Action
Leak Detection - Tank	Automatic Tank Gauging Veeder Root TLS 450 Plus	New
Leak Detection - Tank	Non-Discriminating Interstitial Monitoring Sensors	New
Leak Detection - Piping	American with Sensors/No Test Suction	New
Spill Containment Device	Single Wall Spill Bucket	New
Overfill Prevention Device	Overfill Drop Tube Valve	New
Overfill Prevention Device	Overfill Alarm	New
Corrosion Protection - Tank	Fiberglass Non-Corrosive	New
Corrosion Protection - Piping	Flexible Non-Corrosive	New
Tank	Fiberglass Double Wall	New
Piping	Flexible Double Wall OmegaFlex DoubleTrac	New
Piping	Single Wall STP/Tanktop Sump	New
↳ Leak Detection - Piping	Sump Sensor with positive shutdown	New
Piping	Ball Valves	New
Piping	Valves Foot Valve	New

General Requirements

USTs shall be installed to safeguard against movement by anchoring in accordance with manufacturer's instructions.

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.

Summary of Work

TANK:

- (1) 15,000 gallon double wall fiberglass tank (Diesel Fuel).
- (2) 22" manway and (2) 42" sumps.

Concrete dead men hold downs, straps & turnbuckles.

Install (2) Monitoring wells in tank excavation.

OVERSPILL/OVERFILL PREVENTION:

- (1) 5 Gallon spill container.
- (1) Veeder-Root overfill alarm mounted near remote fill.

SUMPS:

- (2) 42" fiberglass water-tight piping sumps with collar at tank top.
- Run vent piping to wall.

PIPING:

2" Double-wall Omegaflex product supply and return piping system.

2" Single-wall fiberglass vent piping

LEAK DETECTION: Note that sensors are NOT positive shutdown.

- (1) Veeder-Root TLS-450+ monitor console.
- (1) Tank level probe.
- (1) Tank interstitial sensor.
- (2) Tank sump liquid sensors.
- (2) Piping interstice liquid sensors inside of the building.
- (1) Overfill alarm and acknowledge button.

MANHOLES:

- (2) 42" Composite manhole.
- (1) 18" Tank sensor manhole.
- (2) 12" observation well manholes.


Special Contingencies

Amendment Reason:

Size of tank has ben changed from a 12,000 gallon to UL-1316-DOUBLE WALL 15,000 GAL NON-DEF. Permit drawing shows 12,000 but the tank is 15,000 gallons. I am updating the permit to relect the correct size.

PERSON, FIRM OR COMPANY PERFORMING WORK:	
Crowne Industries, Ltd. 651 S. Sutton Road #214 Streamwood, IL 60107	Contact Person: Robert Sumoski Phone: 630/444-7350 Email: yvonne@crownetank.com Contractor License # IL002345 Exp. 5/16/2024

Sincerely,



Daniel Starks