Office of the Illinois State Fire Marshal
Division of Petroleum and Chemical Safety
1035 Stevenson Drive
Springfield, IL 62703
217/785-1020
www.sfm.illinois.gov
SFM.DPCS@illinois.gov
Amended

FOR OFFICE USE ONLY
Facility #: 2000157
Permit #: 01427-2023INS
Request Rec'd: 12/06/2023
Amended Date: 02/09/2024 DS
Approval Date: 12/09/2023 DS
Permit Expires: 06/11/2024

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:	**FACILITY** - name and address where tanks are located:
Glenbrook Hospital 2100 Pfingsten Rd. Glenview, IL 60025 Cook County Contact: John McKenzie 847/570-2653	Glenbrook Hospital 2100 Pfingsten Rd. Glenview, IL 60025 Cook County Contact: Dan Fleming 847/570-2653

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
Spill Containment Device	Double Wall Spill Bucket	New
Overfill Prevention Device	Overfill Drop Tube Valve	New
Corrosion Protection - Tank	Fiberglass Non-Corrosive	New
Corrosion Protection - Piping	Flexible Non-Corrosive	New
Tank	Fiberglass Double Wall KBK Industries	New
Piping	Single Wall STP/Tanktop Sump	New
↳ *Leak Detection - Piping*	Sump Sensor	New
Piping	Single Wall Transition Sump	New
↳ *Leak Detection - Piping*	Sump Sensor	New
Piping	Flexible Double Wall OmegaFlex DoubleTrac	New
Leak Detection - Piping	American with Sensors/No Test Suction	New
Leak Detection - Tank	Non-Discriminating Interstitial Monitoring Sensors	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
TANKS:
(1) 12,000 gallon capacity, Double Wall, Fiberglass Tank.
(2) 22” Manway on tank.
(2) 42” Water Tight Piping Sumps.
(2) Observation Wells within tank field.
OVERSPILL & OVERFILL PROTECTION:
(1) 5 gallon below grade water tight double wall Spill Manhole with Cap and Adapter.
(1) Overfill valves.
CONTAINMENT SUMPS:
(2) 42" fiberglass water-tight piping sumps on tank top.
(2) Fiberglass transition sumps at building.
PIPING:
Fuel Piping: Approximate runs vary between 50 to 200’ each.
Fuel Supply piping = (1) 2” double wall Omegaflex piping run from tank to building.
Fuel Supply piping = (1) 1” double wall Omegaflex piping run from tank to building.
Fuel Oil Return piping: (1) 1.5” double wall Omegaflex piping run from tank to building.
Fuel Oil Return piping: (1) 1” double wall Omegaflex piping run from tank to building.
Vent Piping –
(1) 2” Single Wall fiberglass to building.
(2) Transition Sumps @ building for piping to transition from underground to aboveground.
Flex connectors at tank top connections.
Ball valves within tank top sump.
TANK MONITORING SYSTEM
(1) Veeder Root TLS 450 plus.
(1) In Tank Level Probe with Float Kit.
(1) Interstitial Sensor.
(2) Sump Sensors.
(2) Transition Sump Sensors.

Special Contingencies

Amendment Reason:
Adding Tank Interstitial Liquid Sensor for Tank Leak Detection. Changing (2) things on the permit. Adding Interstitial Sensor to Tank Leak Detction. Changing the piping from European Safe Suction to American Suction with Sump Sensors due to the installation of Foot Valves on the Fuel Supply Piping.

PERSON, FIRM OR COMPANY PERFORMING WORK:	
Crowne Industries, Ltd. 651 S. Sutton Road #214 Streamwood, IL 60107	Contact Person: Robert Sumoski Phone: 630/201-4967 Email: bob@crownetank.com Contractor License # IL002345 Exp. 5/16/2024

Sincerely,

Daniel Starks