



City of Chicago
Department of Public Health
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Revised

FOR OFFICE USE ONLY
Facility #: 2047850
Permit #: 00055-2025INS
Request Rec'd: 01/09/2025
Approval Date: 01/21/2025 SK
Revision Date: 07/17/2025 DS
Permit Expires: 07/22/2025

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: Illinois Masonic Medical Center 836 W. Wellington Chicago, IL 60657 Cook County Contact: Phillip Arredondo 773/296-5971	FACILITY - name and address where tanks are located: Advocate Illinois Masonic Medical Center 900 W. Nelson Street Chicago, IL 60657 Cook County Contact: Phillip Arredondo 773/296-5971
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Tanks on the Permit

Tank #	Product	Capacity	Tank Status	Regulated Status
1	Diesel Fuel	25,000	Installed/Not in Use	Federal

Tank 1 Equipment

Equipment Type	Permit Equipment	Action
Corrosion Protection - Piping	Flexible Non-Corrosive	New
Corrosion Protection - Tank	Fiberglass Non-Corrosive	New
Leak Detection - Piping	American with Sensors/No Test Suction	New
Leak Detection - Tank	Automatic Tank Gauging Veeder Root TLS 450 Plus	New
Leak Detection - Tank	Non-Discriminating Interstitial Monitoring Sensors	New
Overfill Prevention Device	Overfill Alarm	New
Overfill Prevention Device	Overfill Drop Tube Valve	New
Piping	Ball Valves	New
Piping	Extractor Fitting Valves	New
Piping	Fiberglass Single Wall Piping Ameron 4000 L single wall vent	New
Piping	Flex Connector Steel	New
Piping	Flexible Double Wall OmegaFlex DoubleTrac	New
Piping	Single Wall STP/Tanktop Sump	New
Leak Detection - Piping	Sump Sensor with positive shutdown - East	New
Leak Detection - Piping	Sump Sensor with positive shutdown - West	New
Spill Containment Device	Double Wall Spill Bucket	New
Tank	Fiberglass Double Wall KBK Industries	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

NOTE: There is NO positive shutdown on this system because it is backup generator fuel supply.

TANK:

(1) 25,000 gallon capacity, 12' diameter Double Wall, Fiberglass Tank.

(2) Manway on tank.

(2) 48" Water Tight Piping Sump.

Hold Down Straps

Precast concrete deadmen hold down.

(2) Observation Wells within tank field.

OVERSPILL & OVERFILL PROTECTION:

(1) 5 gallon double wall Spill Manhole with Cap and Adapter.

(1) Overfill valve.

CONTAINMENT SUMPS:

(2) 48" fiberglass water-tight piping sumps on tank top.

Run vent piping to wall.

PIPING:

Fuel Supply piping (approx. 75'): (1) 2" double wall Omegaflex Doubletrac double wall piping run from tank to building.

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Vent Piping –

(1) 3" Single Wall fiberglass to building (approx. 75').

Flex connectors at tank top connections.

Ball valves within tank top sump.

TANK MONITORING SYSTEM

The Veeder Root TLS Tank Gauging & Leak Detection Systems will monitor the fuel tanks and all containment sumps.

(1) Veeder Root TLS 450 plus.

(1) In Tank Level Probe with Float Kit.

(1) Interstitial Sensor.

(2) Sump Sensors.

(1) Overfill Alarm & acknowledgement button.

MANHOLES:

(2) 42" composite manholes.

(2) 18" Observation Wells.

(1) 18" Interstitial sensor.

CONCRETE:

TO BE PERFORMED BY OTHER.

Special Contingencies

Revision Reason:

Changed facility name

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. 5/16/2026

Sincerely,

Sean Keane