



**City of Chicago**  
**Department of Public Health**  
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**FOR OFFICE USE ONLY**  
Facility #: 2047850  
Permit #: 00055-2025INS  
Request Rec'd: 01/09/2025  
Approval Date: 01/21/2025 SK  
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.**

|                                                                                                                                                                                                                       |                                                                                                                                                                                                          |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>OWNER OF TANKS</b><br>- Corporation, partnership, or other business entity:<br>Illinois Masonic Medical Center<br>836 W. Wellington<br>Chicago, IL 60657<br>Cook County<br>Contact: Geraldo Sepulveda 773/296-7513 | <b>FACILITY</b><br>- name and address where tanks are located:<br>Illinois Masonic Medical Center<br>900 W. Nelson Street<br>Chicago, IL 60657<br>Cook County<br>Contact: Phillip Arredondo 773/296-5971 |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

**Tanks on the Permit**

| Tank # | Product     | Capacity | Tank Status        | Regulated Status |
|--------|-------------|----------|--------------------|------------------|
| 1      | Diesel Fuel | 25,000   | Tank Not Installed | 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

| PERSON, FIRM OR COMPANY PERFORMING WORK:                                   |                                                                                                                                    |
|----------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Crowne Industries, Ltd.<br>651 S. Sutton Road #214<br>Streamwood, IL 60107 | Contact Person: Robert Sumoski<br>Phone: 630/201-4967<br>Email: bob@crownetank.com<br>Contractor License # IL002345 Exp. 5/16/2026 |

Sincerely,

Sean Keane