



City of Chicago
Department of Public Health
333 South State Street, Room 200
Chicago, IL 60604
3127453152

Extended/Amended

FOR OFFICE USE ONLY

Facility # 2046743
Permit # 01706-2018INS
Request Rec'd 11/02/2018
Amended Date 01/28/2020 Chi
Approval Date 11/7/2018
Permit Expires 5/7/2020

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: Chicago Department of Aviation 10510 W. Zemke Road Chicago, IL 60666 Contact: Aaron J. Frame (773) 686-3563	(2) <u>FACILITY</u> - name and address where tanks are located: East Airfield Lighting Control Vault O'Hare Airport, Bldg. 888 Chicago, IL 60666 Contact: Megha Patel (312) 217-3470
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(3) INSTALLATION OF TANKS:

- (a) *Number and size of tanks being installed: (TK # 1) - 8,000*
- (b) *Type of tank(s): (TK # 1) Tank - Fiberglass Double Wall XERXES*
- (c) *Type of piping: (TK # 1) Piping - Flexible Double Wall OmegaFlex DoubleTrac, (TK # 1) Piping - Ball Valves, (TK # 1) Piping - Extractor Fitting Valves, (TK # 1) Piping - Valves Foot Valve*
- (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, (TK # 1) Leak Detect - Tank - Non-Discriminating Sensors Interstitial Monitoring*
 - Piping: (TK # 1) Leak Detect - Piping - Electronic Pressurized Line Leak Detection, (TK # 1) Leak Detect - Piping - Non-Discriminating Sump Sensor*
- (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 OPW 1C-2100C-DEVR*
- (h) *Overfill prevention devices: (TK # 1) Overfill Prev Device - Overfill Drop Tube Valve OPW 7ISO-4000, (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 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 :

Amendment Reason: There has been a change to the system. We are installing a pressurized pipe system rather than suction system and are installing a different Veeder Root TLS model with electronic line leak detection.

Revision Reason: A representative of the O'Hare Modernization Program (Megha Patel) requested that the facility name, address and contact information be updated so that it is correctly reflected on the granted permit.

(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. 5/16/2020

Sincerely,


Chief Engineer-Storage Tank Section

Raul Valdivia

cc: Storage Tank Safety Specialist
Division File