



City of Chicago  
Department of Public Health  
333 South State Street, Room 200  
Chicago, IL 60604  
3127453162

**Extended/Revised**

**FOR OFFICE USE ONLY**

Facility # 2046782  
Permit # 00204-2019INS  
Request Rec'd 01/23/2019  
Amended Date 02/11/2020 SB  
Approval Date 1/30/2019  
Permit Expires 7/30/2020

**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.**

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| <p>(1) <b><u>OWNER OF TANKS</u></b> - Corporation, partnership, or other business entity:</p> <p>Chicago Department of Aviation<br/>10510 W. Zemke Road<br/>Chicago, IL 60666</p> <p>Contact: Aaron J. Frame (773) 686-3563</p> | <p>(2) <b><u>FACILITY</u></b> - name and address where tanks are located:</p> <p>Fuel Truck Rack Facility<br/>O'Hare Airport, Bldg 116<br/>Chicago, IL 60666</p> <p>Contact: Mike Loveridge (773) 686-7500</p> |
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**(3) INSTALLATION OF TANKS:**

- (a) *Number and size of tanks being installed: (TK # 1, 2) - 25,000*
- (b) *Type of tank(s): (TK # 1, 2) Tank - Composite Double Wall ACT 100*
- (c) *Type of piping: (TK # 1, 2) Piping - Flexible Single Wall Piping A.P.T. Poly Tech XP-100-D, (TK # 1, 2) Piping - Flexible Single Wall Piping OmegaFlex DEF-Trac non-corrosive flexible, (TK # 1, 2) Piping - Flexible Double Wall Franklin Fueling Systems UPP*
- (d) *Product to be stored in each tank: (TK # 1) - Gasoline, (TK # 2) - Diesel Fuel*
- (e) *Type of leak detection being used:*
  - Tank: (TK # 1, 2) Leak Detect - Tank - Automatic Tank Gauging Veeder Root TLS 450 Plus, (TK # 1, 2) Leak Detect - Tank - Interstitial Monitoring Veeder Root TLS 450 Plus*
  - Piping: (TK # 1, 2) Leak Detect - Piping - Mechanical Pressurized Line Leak Detection, (TK # 1, 2) Leak Detect - Piping - Piping Sump Sensors Not Regulated*
- (f) *Corrosion Protection being used:*
  - Tank: (TK # 1, 2) Corrosion Prot - Tank - STIP3 Cathodic Protection with Dielectric Coating*
  - Piping: (TK # 1, 2) Corrosion Prot - Piping - Composite Secondary Containment, (TK # 1, 2) Corrosion Prot - Piping - Fiberglass Non-Corrosive, (TK # 1, 2) Corrosion Prot - Piping - Flexible Non-Corrosive*
- (g) *Spill containment devices, piping and dispenser containment devices: (TK # 1, 2) Spill Contain Device - Double Wall Spill Bucket OPW 1C-3112P Edge*
- (h) *Overfill prevention devices: (TK # 1, 2) Overfill Prev Device - Overfill Drop Tube Valve, (TK # 1, 2) 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](http://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: Adding equipment; In-line leak detector for bulk discharge piping for both Gasoline and Diesel UST. Change of Owner and contact information from Menzie's to Chicago Department of Aviation.


Revision Reason: Need to change the make and model of the tank, remove the sacrificial anodes from the CP tank section and add an overflow alarm device.

**(6) PERSON, FIRM OR COMPANY PERFORMING WORK:**

Ornelas Construction Company  
12520 Horseshoe Dr.  
New Lenox, IL 60451

Contact Person: Mike Hanzie  
Phone: (815) 462-7600  
Contractor Registration # IL2069 Exp. 10/2/2020

Sincerely,

  
Chief Engineer-Storage Tank Section

Raul Valdivia

cc: Storage Tank Safety Specialist  
Division File