



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

FOR OFFICE USE ONLY

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

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.**

<p>(1) <u>OWNER OF TANKS</u> - Corporation, partnership, or other business entity:</p> <p>Menzies c/o Mike Loveridge ORD Fuel Co. PO Box 66131 Chicago, IL 60666</p> <p>Contact: Mike Loveridge (773) 686-7500</p>	<p>(2) <u>FACILITY</u> - name and address where tanks are located:</p> <p>O'Hare Airport 10000 West O'Hare Airport 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, (TK # 3) - 17,500*
- (b) *Type of tank(s): (TK # 1, 2) Tank - Steel Double Wall Highland Tank Titan Jacketed, (TK # 3) Tank - STIP3 Double Wall*
- (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, (TK # 3) Piping - Steel Single Wall Piping*
- (d) *Product to be stored in each tank: (TK # 1) - Gasoline, (TK # 2) - Diesel Fuel, (TK # 3) - Oil/Water Separator*
- (e) *Type of leak detection being used:*
- Tank: (TK # 1, 2, 3) 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 - Piping Sump Sensors Not Regulated, (TK # 3) Leak Detect - Piping - Gravity Feed*
- (f) *Corrosion Protection being used:*
- Tank: (TK # 1, 2) Corrosion Prot - Tank - Sacrificial Anode Cathodic Protection, (TK # 1, 2, 3) 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, (TK # 3) Corrosion Prot - Piping - Sacrificial Anode Cathodic Protection*
- (g) *Spill containment devices, piping and dispenser containment devices: (TK # 1, 2) Spill Contain Device - Double Wall Spill Bucket OPW 1C-3112P Edge, (TK # 3) Spill Contain Device - Manhole Field Constructed*
- (h) *Overfill prevention devices: (TK # 1, 2) Overfill Prev Device - Overfill Drop Tube Valve, (TK # 3) 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 :

(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