



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

Amended

FOR OFFICE USE ONLY

Facility # 2042555
Permit # 01223-2019UPG
Request Rec'd 06/25/2019
Amended Date 11/18/2019 Chi
Approval Date 6/26/2019
Permit Expires 12/27/2019

Permit for UPGRADE or REPAIR of Underground Storage Tank(s) and Piping for Petroleum and Hazardous Substances.

Permission to upgrade or repair underground storage tank(s) or piping is hereby granted. Such upgrade or repair 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 underground piping upgrade, leak detection, spill and overfill prevention of underground storage tank(s) to the Office of the State Fire Marshal, Division of Petroleum and Chemical Safety.

<p>(1) <u>OWNER OF TANKS</u> - Corporation, partnership, or other business entity:</p> <p>Chicago Department of Aviation 10510 W. Zemke Road Chicago, IL 60666</p> <p>Contact: Aaron J. Frame (773) 686-3563</p>	<p>(2) <u>FACILITY</u> - name and address where tanks are located:</p> <p>H & R Building O'Hare Airport Bldg 450 Chicago, IL 60666</p> <p>Contact: Dominic Henry (773) 686-7375</p>
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(3) UPGRADE OR REPAIR OF TANKS:

- (a) Number and size of tanks being upgraded or repaired: (TK # 1, 2, 3, 4, 5, 6, 7, 8) - 20,000, (TK # 9) - 2,500*
- (b) Type of tanks:*
- (c) Type of piping: (TK # 1, 2, 3, 4, 5, 6, 7, 8, 9) Piping - Steel Double Wall , (TK # 1, 2, 3, 4, 5, 6, 7, 8, 9) Piping - Fiberglass Secondary Containment Steel primary*
- (d) Product to be stored in each tank: (TK # 1, 2, 3, 4, 5, 6, 7, 8) - Diesel Fuel, (TK # 9) - Used Oil*
- (e) Type of leak detection being used:*
 - Tank:*
 - Piping: (TK # 1, 2, 3, 4, 5, 6, 7, 8) Leak Detect - Piping - Mechanical Pressurized Line Leak Detection, (TK # 1, 2, 3, 4, 5, 6, 7, 8, 9) Leak Detect - Piping - Discriminating Sump Sensor Permalert , (TK # 9) Leak Detect - Piping - Electronic Pressurized Line Leak Detection Veeder Root TLS 350 PLLD leak sensors, (TK # 9) Leak Detect - Piping - Non-Discriminating Sump Sensor Veeder Root*
- (f) Corrosion Protection being used:*
 - Tank:*
 - Piping:*
- (g) Spill containment devices, piping, and dispenser containmnt devices:*
- (h) Overfill prevention devices:*
- (i) Manway accessible at grade:*

- (4)** The owner must notify this Office when completion of tank upgrade/repair has occurred, on the Notification for Underground Storage Tank Form and the licensed contractor must submit the required job schedule for underground piping upgrade, leak detection, spill and overfill prevention to the OSFM prior to the work being performed. Both forms can be obtained at www.sfm.illinois.gov or by calling (217)785-1020.

(5) SPECIAL CONTINGENCIES :

Changing permit from electronic line leak detectors to mechanical line leak detectors.

Pipe will be PermaPipe brand double wall pipe. Permalert leak detection cable will be located at containment at lowest point of the pipe interstice to detect leaks within the pipe. Mechanical Line leak detectors will be installed on the piping at the pumps

This permit is for the installation of fuel supply and return pipe from an existing fuel system within the existing generator building to a new generator system day tanks in a new building being built next door on the same property. There will be NO work at the top of the existing underground tanks. The existing piping within the generator building will be tee'd into and new steel pipe will be run overhead to a transition trough in the existing building prior to being installed underground to the new generator building. The new pipe will then be run underground to the new generator building generator day tank system.

The pipe will be double wall Permapipe brand pipe: Welded 2" steel primary pipe within a fiberglass secondary pipe. There will be (2) sets of fuel supply and return pipe to the new generator building.

The fuel will be pushed by pump to the new day tanks and return fuel will be pumped back to the underground tanks. The system will be pressurized both ways so pressurized line leak detection will be by FE Petro Mechanical Line Leak Detectors. The double wall pipe will have a leak detection cable made by Permaalert and this will be positioned at the end of the pipe at the collection/transition sump in the existing H&R building.

(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