



Office of the Illinois State Fire Marshal
Division of Petroleum and Chemical Safety
1035 Stevenson Drive
Springfield, IL 62703
2177851020

FOR OFFICE USE ONLY

Facility # 2046910
Permit # 01545-2019INS
Request Rec'd 08/14/2019
Amended Date
Approval Date 8/19/2019 DS
Permit Expires 2/19/2020

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: Abbvie, Inc. 1 N. Waukegan Road Waukegan, IL 60087 Contact: Kevin Flynn (847) 938-0888	(2) <u>FACILITY</u> - name and address where tanks are located: Abbvie, Inc. - Waukegan National Airport 3906 Foster McGaw Drive Waukegan, IL 60087 Contact: Kevin Flynn (847) 938-0888
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(3) INSTALLATION OF TANKS:

- (a) *Number and size of tanks being installed: (TK # 1, 2) - 20,000*
- (b) *Type of tank(s): (TK # 1, 2) Tank - Fiberglass Double Wall XERXES*
- (c) *Type of piping: (TK # 1, 2) Piping - Stainless Steel Single Wall Piping, (TK # 1, 2) Piping - Other Aboveground Piping, (TK # 1, 2) Piping - Ball Valves, (TK # 1, 2) Piping - Check Valves*
- (d) *Product to be stored in each tank: (TK # 1, 2) - Jet A*
- (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 - Other Aboveground Piping, (TK # 1, 2) Leak Detect - Piping - European with No Test Req Suction*
- (f) *Corrosion Protection being used:*
 - Tank: (TK # 1, 2) Corrosion Prot - Tank - Fiberglass Non-Corrosive*
 - Piping: (TK # 1, 2) Corrosion Prot - Piping - Other Aboveground Piping*
- (g) *Spill containment devices, piping and dispenser containment devices: (TK # 1, 2) Spill Contain Device - Single Wall Spill Bucket Morrison 515*
- (h) *Overfill prevention devices: (TK # 1, 2) Overfill Prev Device - Overfill Drop Tube Valve OPW 71SO-410C, (TK # 1, 2) Overfill Prev Device - Overfill Alarm Veeder Root TLS 450plus*

- (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 :

Installing a Jet Fuel Dispensing Fleet Fueling System for Private Use.

The tanks will be (2) 20,000 gal underground double wall Xerxes brand tanks with dry interstice.

The piping will be aboveground from the tank to the fuel dispensing cabinet which will be a suction system. The system will have a floating suction within the tank. The pipe will be fixed to the top of the tank manway covers which will be above ground. There will be no buried product piping,

The vent lines will be buried from the tank field to the building and will be Franklin Fueling brand single wall UPP pipe.

The fill will be aboveground in a Morrison Bros brand remote fill box, piped through filters within the fuel cabinet and then aboveground pipe to the tank. The piping will be aboveground stainless steel piped to the top of an exposed tank manway cover. There will be OPW 71SO remote overfill prevention valves and an overfill alarm.

A Veeder Root TLS 450 plus will monitor the tank levels, interstitial sensors, overfill alarm and a fuel dispenser cabinet liquid sensor.

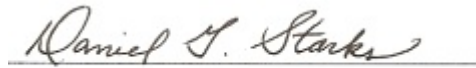
There will be crash bollards around the tank top manways, piping and fuel cabinet to protect from collision.

(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,



Daniel Starks

cc: Storage Tank Safety Specialist
Division File