



OFFICE OF THE ILLINOIS STATE FIRE MARSHAL
Division of Petroleum and Chemical Safety
1035 Stevenson Drive
Springfield, Illinois 62703-4259
(217)785-1020

FOR OFFICE USE ONLY

Facility # 2-045445
Permit # 00797-2013INS
Request Rec'd 08/13/2013
Amended Date
Approval Date 8/13/2013 JC
Permit Expires 2/13/2014

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) OWNER OF TANKS - Corporation, partnership, or other business entity: Thornton's, Inc. 10101 Linn Station Road, P.O. Box 34230 Louisville, KY 40223 Contact: Patty Leonhardt (800) 928-8022	(2) FACILITY - name and address where tanks are located: Thornton Oil State rt. 83 & Foster (NE corner) Bensenville, Du Page Co., IL Contact:
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(3) INSTALLATION OF TANKS:

- (a) **Number and size of tanks being installed:** There is one compartment tank consisting of Tk # 2,3,4 and one compartment tank consisting of Tk # 5,6. Tk # 1 is a single tank. Tank sizes are as follows: (TK # 1, 5) - 20,000 gallons each, (TK # 2, 4) - 6,000 gallons each, (TK # 3, 6) - 10,000 gallons each.
- (b) **Type of tanks:** (TK # 1, 2, 3, 4, 5, 6) - (Installing) Fiberglass Brine Filled Double Wall XERXES
- (c) **Type of piping:** (TK # 1, 2, 3, 4, 5) - (Installing) Fiberglass Double Wall Ameron Dualoy 3000/LCX product piping, (TK # 6) - (Installing) Chase Secondary Containment OPW - 4" secondary chase piping, (TK # 6) - (Installing) Flexible Single Wall Piping OmegaFlex DEF-Trac non-corrosive flexible product piping.
- (d) **Product to be stored in each tank:** (TK # 1, 4) - Gasoline, (TK # 2) - E-85, (TK # 3, 5) - Diesel Fuel, **(TK # 6) - Diesel Exhaust Fluid (Non-Regulated).**
- (e) **Type of leak detection being used:**
Tank: (TK # 1, 2, 3, 4, 5, 6) - (Installing) Hydrostatic Reservoir Sensors Interstitial Monitoring Veeder Root TLS 350, (TK # 1, 2, 3, 4, 5, 6) - (Installing) Automatic Tank Gauging Veeder Root TLS 350 Plus
Piping: (TK # 1, 2, 3, 4, 5, 6) - (Installing) Electronic Pressurized Line Leak Detection Veeder Root TLS 350 Plus, (TK # 1, 2, 3, 4, 5, 6) - (Installing) Piping Sump Sensors Interstitial Monitoring Veeder Root TLS 350 Plus at all submersible sumps and at all dispenser sumps.
- (f) **Corrosion Protection being used:**
Tank: (TK # 1, 2, 3, 4, 5, 6) - (Installing) Fiberglass Non-Corrosive
Piping: (TK # 1, 2, 3, 4, 5) - (Installing) Fiberglass Non-Corrosive product piping (TK #6 will have secondary chase piping), (TK # 6) - (Installing) Flexible Non-Corrosive product piping.
- (g) **Spill containment devices, piping and dispenser containment devices:** (TK # 1, 2, 3, 4, 5) - (Installing) Manhole Pre-manufactured EBW 705, (TK # 6) - (Installing) Manhole Pre-manufactured OPW 6211 SSR 15 remote fill spill containment
- (h) **Overfill prevention devices:** (TK # 1, 2, 3, 4, 5) - (Installing) Overfill Drop Tube Valve OPW 71SO-410C overfill drop tube, (TK # 6) - (Installing) Overfill Alarm Veeder Root TLS 350 Plus
- (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 or 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:** The underground storage tank system for tank #2 must be compatible with E-85, as indicated in section 175.415 of Title 41 of the Illinois Administrative Code, and as indicated in the U.S. EPA Federal Register vol.76, no.128, July 5th notices regarding the storage and dispensing of alternative fuels.

(7) PERSON, FIRM OR COMPANY PERFORMING WORK:

Anderson Pump Service, Inc.
19659 South 97th Avenue
Mokena, IL 60448

Contact Person: Hoyt Ary
Phone: (708) 478-6190 Ext. 231

Contractor Registration # IL-002275 Exp. 05/21/2014

Sincerely,

A handwritten signature in cursive script, reading "James J. Coffey", is written over a horizontal line.

Jim Coffey

cc: Storage Tank Safety Specialist -
Fire Department -
Division File
(Rev. - 9/10)