



OFFICE OF THE ILLINOIS STATE FIRE MARSHAL
Division of Technical Services
1035 Stevenson Drive
Springfield, Illinois 62703-4259
(217)524-7605

FOR OFFICE USE ONLY
Facility # 2-044935
Permit # 00676-2011INS
Request Rec'd 07/26/2011
Amended Date
Approval Date 7/27/2011 JC
Permit Expires 1/27/2012

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 Ext. 253	(2) FACILITY - name and address where tanks are located: Thornton Oil #311 27905 Illinois State Route 176 & Darrell Island Lake, Lake Co., IL Contact:
--	---

(3) INSTALLATION OF TANKS:

- (a) Number and size of tanks being installed:** (TK # 1) - 20,000 gallons, and one compartment tank consisting of three tanks as follows: (TK # 2, 4) - 6,000 gallons each, and (TK # 3) - 10,000 gallons
- (b) Type of tanks:** (TK # 1, 2, 3, 4) - (Installing) Fiberglass Brine Filled Double Wall XERXES
- (c) Type of piping:** (TK # 1, 2, 3, 4) - (Installing) Flexible Double Wall A.P.T. Poly Tech P200SC product piping, (TK # 1, 2, 3, 4) - (Installing) Fiberglass Single Wall vent Piping Ameron, (TK # 1, 2, 3, 4) - (Installing) 4" Chase Secondary Containment for the primary product piping.
- (d) Product to be stored in each tank:** (TK # 1, 2) - Gasoline, (TK # 3) - Diesel Fuel, (TK # 4) - E-85
- (e) Type of leak detection being used:**
 - Tank:** (TK # 1, 2, 3, 4) - (Installing) Hydrostatic Reservoir Sensors Interstitial Monitoring Veeder Root TLS 450 interstitial brine sensor, (TK # 1, 2, 3, 4) - (Installing) Automatic Tank Gauging Veeder Root TLS 450
 - Piping:** (TK # 1, 2, 3, 4) - (Installing) Electronic Pressurized Line Leak Detection Veeder Root TLS 450, (TK # 1, 2, 3, 4) - (Installing) Piping Sump Sensors Interstitial Monitoring Veeder Root TLS 450 at all submersible sumps and all dispenser sumps.
- (f) Corrosion Protection being used:**
 - Tank:** (TK # 1, 2, 3, 4) - (Installing) Fiberglass Non-Corrosive
 - Piping:** (TK # 1, 2, 3, 4) - (Installing) Fiberglass Non-Corrosive secondary chase piping, (TK # 1, 2, 3, 4) - (Installing) Flexible Non-Corrosive primary product piping.
- (g) Spill containment devices, piping and dispenser containment devices:**
- (h) Overfill prevention devices:**

- (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:

(7) <u>PERSON, FIRM OR COMPANY PERFORMING WORK:</u> Contact Person: Jim Gaszynski Phone: (630) 530-9880 Contractor Registration # Exp.

Sincerely,

James J. Coffey

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