



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 # 2-044316
Permit # 00425-2009INS
Request Rec'd 04/09/2009
Amended Date
Approval Date 4/14/2009 DS
Permit Expires 10/14/2009

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, Part 170. 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) OWNER OF TANKS - Corporation, partnership, or other business entity: Thorntons, Inc. 10101 Linn Station Road, P.O. Box 34230 Louisville, KY 40223 Contact: Patty Hight (502) 425-8022</p>	<p>(2) FACILITY - name and address where tanks are located: Thornton Oil South East Corner US 45 and Washington Third Lake, Lake Co., IL Contact:</p>
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(3) INSTALLATION OF TANKS:

- (a) **Number and size of tanks being installed:** (TK # 1) - 20,000 gallons, (TK # 2) - 8,000 gallons, (TK # 3) - 12,000 gallons
- (b) **Type of tanks:** (TK # 1, 2, 3) - (Installing) Fiberglass Double Wall XERXES
- (c) **Type of piping:** (TK # 1, 2, 3) - (Installing) Flexible Double Wall A.P.T. Poly Tech P175SC
- (d) **Product to be stored in each tank:** (TK # 1, 3) - Gasoline, (TK # 2) - Diesel Fuel
- (e) **Type of leak detection being used:**
 - Tank:** (TK # 1, 2, 3) - (Installing) Interstitial Monitoring Veeder Root TLS 350 , (TK # 1, 2, 3) - (Installing) Automatic Tank Gauging Veeder Root TLS 350
 - Piping:** (TK # 1, 2, 3) - (Installing) Piping Sump Sensors Interstitial Monitoring Veeder Root TLS 350 in all dispenser sumps and submersible sumps, (TK # 1, 2, 3) - (Installing) Electronic Pressurized Line Leak Detection Veeder Root TLS 350
- (f) **Corrosion Protection being used:**
 - Tank:** (TK # 1, 2, 3) - (Installing) Fiberglass Non-Corrosive
 - Piping:** (TK # 1, 2, 3) - (Installing) Non-Corrosive Flexible Non-Corrosive
- (g) **Spill containment devices:** (TK # 1, 2, 3) - (Installing) Manhole Pre-manufactured EBW 715
- (h) **Overflow prevention devices:** (TK # 1, 2, 3) - (Installing) Ball Float Vent Valve EBW 308

(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.state.il.us/osfm 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:

<p>(7) PERSON, FIRM OR COMPANY PERFORMING WORK:</p>	<p>Contact Person: Phone: (630) 530-9880 Contractor Registration # IL-1733 Exp. 02/21/2010</p>
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Sincerely,

