



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 # 4-024114  
Permit # 00145-2011INS  
Request Rec'd 02/24/2011  
Amended Date  
Approval Date 3/1/2011 JC  
Permit Expires 9/1/2011

**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.**

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| <b>(1) OWNER OF TANKS</b> - Corporation, partnership, or other business entity:<br><br>Thorntons, Inc.<br>10101 Linn Station Road, P.O. Box 34230<br>Louisville, KY 40223<br><br>Contact: Patty Leonhardt (800) 928-8022 Ext. 253 | <b>(2) FACILITY</b> - name and address where tanks are located:<br><br>Thornton Oil Corporation #360<br>906 North Main Street<br>Bloomington, McLean Co., IL<br><br>Contact: Patty Leonhardt (309) 828-3622 |
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**(3) INSTALLATION OF TANKS:**

- (a) **Number and size of tanks being installed:** (TK # 7) - 20,000 gallons, and one compartment tank consisting of four compartments as follows: (TK # 8, 10, 11) - 6,000 gallons each, (TK # 9) - 8,000 gallons.
- (b) **Type of tanks:** (TK # 7, 8, 9, 10, 11) - (Installing) Fiberglass Brine Filled Double Wall XERXES
- (c) **Type of piping:** (TK # 7, 8, 9, 10, 11) - (Installing) Fiberglass Double Wall Ameron Dualoy 3000/LCX (2" for lower volume dispensers, and 3" for the higher volume dispensers). New single wall vent piping will hook into existing vent piping - see site plan for junction location.
- (d) **Product to be stored in each tank:** (TK # 7, 9) - Gasoline, (TK # 8) - Kerosene, (TK # 10) - E-85, (TK # 11) - Diesel Fuel
- (e) **Type of leak detection being used:**  
**Tank:** (TK # 7, 8, 9, 10, 11) - (Installing) Hydrostatic Reservoir Sensors Interstitial Monitoring Veeder Root TLS 350 , (TK # 7, 8, 9, 10, 11) - (Installing) Automatic Tank Gauging Veeder Root TLS 350  
**Piping:** (TK # 7, 8, 9, 10, 11) - (Installing) Electronic Pressurized Line Leak Detection Veeder Root TLS 350 , (TK # 7, 8, 9, 10, 11) - (Installing) Piping Sump Sensors Interstitial Monitoring Veeder Root TLS 350 at all dispenser sumps and all submersible sumps.
- (f) **Corrosion Protection being used:**  
**Tank:** (TK # 7, 8, 9, 10, 11) - (Installing) Fiberglass Non-Corrosive  
**Piping:** (TK # 7, 8, 9, 10, 11) - (Installing) Fiberglass Non-Corrosive
- (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](http://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:**

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| <b>(7) <u>PERSON, FIRM OR COMPANY PERFORMING WORK:</u></b><br><br><br><br><br><br><br><br><br><br>Contact Person: Hoyt Ary<br>Phone: (630) 530-9880<br><br>Contractor Registration #    Exp. |
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Sincerely,

*James J. Coffey*

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