



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 # 2021625  
 Permit # 01135-2017INS  
 Request Rec'd 09/13/2017  
 Amended Date  
 Approval Date 9/13/2017 DS  
 Permit Expires 3/13/2018

**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.**

<p><b>(1) OWNER OF TANKS</b> - Corporation, partnership, or other business entity:</p> <p>Thornton's, Inc.        2600 James Thornton Way        Louisville, KY 40245        Contact: Scott Roberts (502) 425-8022</p>	<p><b>(2) FACILITY</b> - name and address where tanks are located:</p> <p>Thornton Oil #18        601 South Harlem Avenue        Forest Park, IL 60130        Contact: Shyann Nero (708) 366-1213</p>
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**(3) INSTALLATION OF TANKS:**

- (a) *Number and size of tanks being installed: (TK # 7) - 12,000*
- (b) *Type of tank(s): (TK # 7) Tank - Fiberglass Brine Filled Double Wall Containment Solutions*
- (c) *Type of piping: (TK # 7) Piping - Fiberglass Single Wall Piping Ameron Dualoy 3000L single wall fiberglass piping, (TK # 7) Piping - Fiberglass Double Wall Ameron Dualoy 3000/LCX, (TK # 7) Piping - Shear Valves, (TK # 7) Piping - Valves Ball Valve, (TK # 7) Piping - Submersible Sumps Containment Solutions Single Wall Fiberglass, (TK # 7) Piping - Flex Connector Steel*
- (d) *Product to be stored in each tank: (TK # 7) - E-85*
- (e) *Type of leak detection being used:*
  - Tank: (TK # 7) Leak Detect - Tank - Automatic Tank Gauging Veeder Root TLS 350 with CSLD, (TK # 7) Leak Detect - Tank - Hydrostatic Reservoir Sensors Interstitial Monitoring Veeder Root TLS 350*
  - Piping: (TK # 7) Leak Detect - Piping - Electronic Pressurized Line Leak Detection Veeder Root TLS 350 PLLD leak sensors, (TK # 7) Leak Detect - Piping - Piping Sump Sensors Interstitial Monitoring Veeder Root TLS 350 Position sensitive sensor*
- (f) *Corrosion Protection being used:*
  - Tank: (TK # 7) Corrosion Prot - Tank - Fiberglass Non-Corrosive*
  - Piping: (TK # 7) Corrosion Prot - Piping - Flexible Non-Corrosive*
- (g) *Spill containment devices, piping and dispenser containment devices: (TK # 7) Spill Contain Device - Pre-manufactured EBW 705 CIGKT Defender spill containment*
- (h) *Overfill prevention devices: (TK # 7) Overfill Prev Device - Overfill Drop Tube Valve OPW 71SOM*

(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) 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.

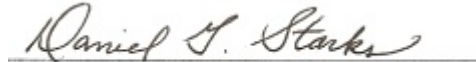
- (6) **SPECIAL CONTINGENCIES** : Installing new 12,000 gallon brine filled containment solutions tank for E-85. All associated piping will be Ameron Dualoy 3000LCX. Vent piping will be Ameron 3000L. System will be monitored by existing Veeder Root TLS-350. New tank interstitial sensors and new sump sensors.

**(6) PERSON, FIRM OR COMPANY PERFORMING WORK:**

Stenstrom Petroleum Services Group  
2422 Center Street  
Rockford, IL 61108

Contact Person: Nate Meyer  
Phone: (815) 398-6250  
Contractor Registration # IL1890 Exp. 3/7/2018

Sincerely,



Daniel Starks

cc: Storage Tank Safety Specialist  
Division File