



Office of the Illinois State Fire Marshal  
 Division of Petroleum and Chemical Safety  
 1035 Stevenson Drive  
 Springfield, IL 62703  
 2177851020

**Extended**

**FOR OFFICE USE ONLY**

Facility # 2047227  
 Permit # 00451-2021INS  
 Request Rec'd 04/12/2021  
 Amended Date  
 Approval Date 4/13/2021 DS  
 Permit Expires 4/13/2022

**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>Thorntons LLC          2600 James Thornton Way          Louisville, KY 40245</p> <p>Contact: Maggie Seauth (502) 425-8022</p>	<p><b>(2) FACILITY</b> - name and address where tanks are located:</p> <p>Thorntons #343          911 Tek Dr          Crystal Lake, IL 60014</p> <p>Contact: Shawn Orr (800) 928-8022 Ext. 174</p>
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**(3) INSTALLATION OF TANKS:**

- (a) *Number and size of tanks being installed: (TK # 1) - 20,000, (TK # 2, 4) - 6,000, (TK # 3) - 10,000, (TK # 5) - 30,000, (TK # 6) - 8,000*
- (b) *Type of tank(s): (TK # 1, 2, 3, 4, 5) Tank - Fiberglass Brine Filled Double Wall XERXES, (TK # 6) Tank - Fiberglass Double Wall XERXES*
- (c) *Type of piping: (TK # 1, 2, 3, 4, 5, 6) Piping - Fiberglass Double Wall A.O. Smith from tanks to dispensers as shown in site plan, (TK # 1, 2, 3, 4, 5, 6) Piping - Ball Valves, (TK # 1, 2, 3, 4, 5, 6) Piping - Shear Valves, (TK # 1, 2, 3, 4, 5, 6) Piping - Flex Connector Steel, (TK # 1, 2, 3, 4, 5, 6) Piping - Single Wall STP/Tanktop Sump*
- (d) *Product to be stored in each tank: (TK # 1) - Gasoline - Regular, (TK # 2) - Gasoline - Premium, (TK # 3, 5) - Diesel Fuel, (TK # 4) - E-85, (TK # 6) - Diesel Exhaust Fluid (Non-Regulated)*
- (e) *Type of leak detection being used:*
  - Tank: (TK # 1, 2, 3, 4, 5, 6) Leak Detect - Tank - Automatic Tank Gauging Veeder Root TLS 450 Plus, (TK # 1, 2, 3, 4, 5) Leak Detect - Tank - Hydrostatic Reservoir Sensors Interstitial Monitoring, (TK # 6) Leak Detect - Tank - Non-Discriminating Sensors Interstitial Monitoring*
  - Piping: (TK # 1, 2, 3, 4, 5, 6) Leak Detect - Piping - Electronic Pressurized Line Leak Detection, (TK # 1, 2, 3, 4, 5, 6) Leak Detect - Piping - Non-Discriminating Sump Sensor with positive shutdown in all submersible and dispenser sumps*
- (f) *Corrosion Protection being used:*
  - Tank: (TK # 1, 2, 3, 4, 5, 6) Corrosion Prot - Tank - Fiberglass Non-Corrosive*
  - Piping: (TK # 1, 2, 3, 4, 5, 6) Corrosion Prot - Piping - Fiberglass Non-Corrosive*
- (g) *Spill containment devices, piping and dispenser containment devices: (TK # 1, 2, 3, 4, 5, 6) Spill Contain Device - Double Wall Spill Bucket*
- (h) *Overflow prevention devices: (TK # 1, 2, 3, 4, 5, 6) Overflow Prev Device - Overflow Drop Tube Valve, (TK # 1, 2, 3, 4, 5, 6) Overflow Prev Device - Overflow Alarm*

(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.

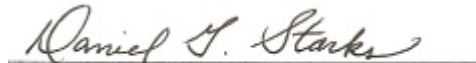
**(6) SPECIAL CONTINGENCIES : NOTE: A motor fuel dispensing permit must be applied for asap**

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

Stenstrom Petroleum Services Group  
2422 Center Street  
Rockford, IL 61108

Contact Person: Robert Stenstrom  
Phone: (815) 398-6250  
Contractor Registration # IL1890 Exp. 4/12/2022

Sincerely,



Daniel Starks

cc: Storage Tank Safety Specialist  
Division File