



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 # 1046826
Permit # 00760-2019INS
Request Rec'd 04/09/2019
Amended Date
Approval Date 4/18/2019 DS
Permit Expires 10/18/2019

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) <u>OWNER OF TANKS</u> - Corporation, partnership, or other business entity: Thornton's, Inc. 2600 James Thornton Way Louisville, KY 40245 Contact: Scott Roberts (502) 572-1128	(2) <u>FACILITY</u> - name and address where tanks are located: Thorntons #331 13555 Willowbrook Rd Roscoe, IL 61073 Contact: Scott Roberts (502) 572-1176
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(3) INSTALLATION OF TANKS:

- (a) *Number and size of tanks being installed: (TK # 1, 2) - 30,000, (TK # 3) - 20,000, (TK # 4, 7) - 6,000, (TK # 5) - 10,000, (TK # 6) - 8,000*
- (b) *Type of tank(s): (TK # 1, 2, 3, 4, 5, 7) Tank - Fiberglass Brine Filled Double Wall Containment Solutions, (TK # 6) Tank - Fiberglass Double Wall Containment Solutions*
- (c) *Type of piping: (TK # 1, 2, 3, 4, 5, 6, 7) Piping - Fiberglass Double Wall Ameron Dualoy 3000/LCX product piping from new tanks to new dispensers, (TK # 1, 2, 3, 4, 5, 6, 7) Piping - Ball Valves, (TK # 1, 2, 3, 4, 5, 6, 7) Piping - Shear Valves, (TK # 1, 2, 3, 4, 5, 6, 7) Piping - Flex Connector Steel, (TK # 1, 2, 3, 4, 5, 6, 7) Piping - Single Wall STP/Tanktop Sump Containment Solutions Fiberglass*
- (d) *Product to be stored in each tank: (TK # 1, 2, 5) - Diesel Fuel, (TK # 3) - Gasoline - Regular, (TK # 4) - Gasoline - Premium, (TK # 6) - Diesel Exhaust Fluid (Non-Regulated), (TK # 7) - E-85*
- (e) *Type of leak detection being used:*
- Tank: (TK # 1, 2, 3, 4, 5, 6, 7) Leak Detect - Tank - Automatic Tank Gauging Veeder Root TLS 350 Plus with CSLD, (TK # 1, 2, 3, 4, 5, 6, 7) Leak Detect - Tank - Interstitial Monitoring Veeder Root TLS 350 Plus*
- Piping: (TK # 1, 2) Leak Detect - Piping - Mechanical Pressurized Line Leak Detection FE Petro STP-MLD-D, (TK # 1, 2, 3, 4, 5, 6, 7) Leak Detect - Piping - Non-Discriminating Sump Sensor Interstitial Monitoring Veeder Root in all submersible and dispenser sumps. NOTE: Sensor must shut down the submersible pump supplying that line upon detection of a leak per 175.640 a) 1), (TK # 3, 4, 5, 6, 7) Leak Detect - Piping - Electronic Pressurized Line Leak Detection Veeder Root TLS 350 Plus*
- (f) *Corrosion Protection being used:*
- Tank: (TK # 1, 2, 3, 4, 5, 6, 7) Corrosion Prot - Tank - Fiberglass Non-Corrosive*
- Piping: (TK # 1, 2, 3, 4, 5, 6, 7) Corrosion Prot - Piping - Fiberglass Non-Corrosive*
- (g) *Spill containment devices, piping and dispenser containment devices: (TK # 1, 2, 3, 4, 5, 6, 7) Spill Contain Device - Double Wall Spill Bucket Franklin Fueling Systems Defender 705*
- (h) *Overfill prevention devices: (TK # 1, 2, 3, 4, 5, 6) Overfill Prev Device - Overfill Drop Tube Valve OPW 71SO-410C, (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 by calling (217)785-1020.

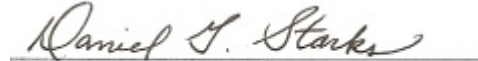
- (5) **GENERAL REQUIREMENTS** : There shall be a minimum of two manufactured slotted or perforated observation wells of at least 4 inches in diameter, installed in each new tank field of tanks larger than 1000 gallons and one well for tanks less than 1000 gallons. A water tight containment shall be 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** : New build site. Installing (2) 30,000 gallon tanks (Diesel), (1) 20,000 Gallon tank (Unleaded), (1) 22,000 gallon multi-compartment tank (unleaded, auto diesel, and E85), and (1) 8,000 gallon DEF tank. Install a total of 17 new dispensers, sumps, and islands. (2) new canopies, new TLS350 plus. **NOTE: Drawing attached shows setback distances from the dispensers to the building and the property lines as well as tank and piping locations. More detailed drawings are attached in the compatibility section.**

(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. 4/12/2020

Sincerely,



Daniel Starks

cc: Storage Tank Safety Specialist
Division File