



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 # 2028828
Permit # 01185-2016UPG
Request Rec'd 09/20/2016
Amended Date
Approval Date 9/21/2016 DS
Permit Expires 3/21/2017

Permit for UPGRADE or REPAIR of Underground Storage Tank(s) and Piping for Petroleum and Hazardous Substances.

Permission to upgrade or repair underground storage tank(s) or piping is hereby granted. Such upgrade or repair 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 underground piping upgrade, leak detection, spill and overfill prevention of underground storage tank(s) to the Office of the State Fire Marshal, Division of Petroleum and Chemical Safety.

(1) <u>OWNER OF TANKS</u> - Corporation, partnership, or other business entity: Thornton's, Inc. 10101 Linn Station Road Louisville, KY 40223 Contact: Scott Roberts (502) 425-8022	(2) <u>FACILITY</u> - name and address where tanks are located: Thornton Oil #114 180 East Rollins Road Round Lake Beach, IL 60073 Contact: Wayne Hoffman (847) 740-8021
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(3) UPGRADE OR REPAIR OF TANKS:

- (a) *Number and size of tanks being upgraded or repaired: (TK # 1, 2, 3, 6) - 12,000, (TK # 4, 5) - 6,000*
- (b) *Type of tanks:*
- (c) *Type of piping: (TK # 1, 2, 3, 4, 5, 6) Piping - Shear Valves, (TK # 1, 2, 3, 4, 5, 6) Piping - Valves Ball Valve, (TK # 1, 2, 3, 4, 5, 6) Piping - Transition Sumps Bravo B-400, (TK # 2, 3, 4, 5) Piping - Fiberglass Double Wall Ameron Dualoy 3000/LCX, (TK # 6) Piping - Flexible Double Wall OPW Flexworks CP-15 non corrosive*
- (d) *Product to be stored in each tank: (TK # 1, 2, 3, 6) - Gasoline, (TK # 4) - Diesel Fuel, (TK # 5) - Kerosene*
- (e) *Type of leak detection being used:*
 - Tank: (TK # 1, 2, 3, 4, 5, 6) Leak Detect - Tank - Automatic Tank Gauging Veeder Root TLS 350 with CSLD*
 - Piping: (TK # 1, 2, 3, 4, 5, 6) Leak Detect - Piping - Electronic Pressurized Line Leak Detection Veeder Root TLS 350 PLLD leak sensors, (TK # 1, 2, 3, 4, 5, 6) Leak Detect - Piping - Piping Sump Sensors Interstitial Monitoring Veeder Root TLS 350 Position sensitive sensor*
- (f) *Corrosion Protection being used:*
 - Tank:*
 - Piping:*
- (g) *Spill containment devices, piping, and dispenser containmnt devices: (TK # 1, 2, 3, 4, 5, 6) Spill Contain Device - Manhole Pre-manufactured Franklin Fueling Systems Defender Series #7055*
- (h) *Overfill prevention devices: (TK # 6) Overfill Prev Device - Overfill Drop Tube Valve OPW 71SOM*
- (i) *Manway accessible at grade:*

(4) The owner must notify this Office when completion of tank upgrade/repair has occurred, on the Notification for Underground Storage Tank Form and the licensed contractor must submit the required job schedule for underground piping upgrade, leak detection, spill and overfill prevention to the OSFM prior to the work being performed. Both forms can be obtained at www.sfm.illinois.gov or by calling (217)785-1020.

(5) **SPECIAL CONTINGENCIES** : Change tank 6 from gasoline to E85, and change tank 5 from K1 to Diesel. Install siphon between tanks 2 and 3 and another siphon between tanks 4 and 5. Siphon to be double wall Ameron. Remove K1 dispenser and install a high speed diesel dispenser in the same location. Remove and replace all gasoline dispensers with new Wayne Helix dispensers. Replace all tank manholes. install E85 drop tube in tank 6. Install all new spill containers. Install new piping from tank 6 to dispenser 1/2 only all other piping to remain. Install

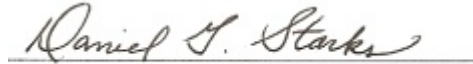
new Veeder Root PLLD sensors in all submersibles. Replace all submersibles. Break vent manifold above ground and extend individual vents for all tanks. Install position sensitive E85 approved sensor in all 19 sumps (6 submersible, 2 transition and 11 dispenser).

(6) PERSON, FIRM OR COMPANY PERFORMING WORK:

Anderson Pump Service, Inc.
19659 South 97th Avenue
Mokena, IL 60448

Contact Person: Ron Anderson
Phone: (708) 478-6190
Contractor Registration # IL002275 Exp. 5/21/2018

Sincerely,

A handwritten signature in cursive script that reads "Daniel G. Starks". The signature is written in dark ink and is positioned above a horizontal line.

Daniel Starks

cc: Storage Tank Safety Specialist
Division File