



Office of the Illinois State Fire Marshal
Division of Petroleum and Chemical Safety
1035 Stevenson Drive
Springfield, IL 62703
217/785-1020
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SFM.DPCS@illinois.gov

FOR OFFICE USE ONLY

Facility #: 2047645
Permit #: 01025-2023INS
Request Rec'd: 09/05/2023
Approval Date: 09/11/2023 DS
Permit Expires: 03/12/2024

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 shall establish a date and time certain to perform the UST activity by scheduling the permitted activity through their UST contractor portal account. All testing forms must be submitted prior to the final being conducted. The tank owner must submit a Notification for Underground Storage Tanks form prior to the scheduling of the final schedule at: <https://webapps.sfm.illinois.gov/USTPortal/NotificationForm>.

THIS PERMIT IS VALID FOR SIX MONTHS FROM THE APPROVAL DATE.

OWNER OF TANKS - Corporation, partnership, or other business entity: Thorntons LLC 2600 James Thornton Way Louisville, KY 40245 Jefferson County Contact: Maggie Seagh 502/425-8022	FACILITY - name and address where tanks are located: Thorntons 221359 2520 East Main St. Compliance Department St. Charles, IL 60174 Du Page County Contact: Joe Zgonina 502/425-8022
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Tanks on the Permit

Tank #	Product	Capacity	Tank Status	Regulated Status
1	Gasoline - Regular	20,000	Tank Not Installed	Federal
2	Gasoline - Premium	6,000	Tank Not Installed	Federal
3	Diesel Fuel	10,000	Tank Not Installed	Federal
4	E85	6,000	Tank Not Installed	Federal

Tank 1 Equipment

Equipment Type	Permit Equipment	Action
Leak Detection - Tank	Automatic Tank Gauging Veeder Root TLS 450 Plus	New
Leak Detection - Tank	Hydrostatic Reservoir Interstitial Monitoring Sensors with monitor	New
Leak Detection - Piping	Electronic Pressurized Line Leak Detection	New
Spill Containment Device	Double Wall Spill Bucket	New
Overfill Prevention Device	Overfill Drop Tube Valve	New
Overfill Prevention Device	Overfill Alarm	New
Corrosion Protection - Tank	Fiberglass Non-Corrosive	New
Corrosion Protection - Piping	Fiberglass Non-Corrosive	New
Tank	Fiberglass Brine Filled Double Wall XERXES	New
Piping	Fiberglass Double Wall NOV Fiberglass Systems Red Thread IIA fiberglass piping	New
Piping	Ball Valves	New
Piping	Flex Connector Steel	New
Piping	Other Steel Riser	New
Piping	Shear Valves	New
Piping	Single Wall STP/Tanktop Sump	New
Leak Detection - Piping	Non-Discriminating Sump Sensor with positive shutdown	New

Tank 2 Equipment

Equipment Type	Permit Equipment	Action
Leak Detection - Piping	Electronic Pressurized Line Leak Detection	New
Overfill Prevention Device	Overfill Alarm	New
Leak Detection - Tank	Automatic Tank Gauging Veeder Root TLS 450 Plus	New
Piping	Ball Valves	New
Corrosion Protection - Piping	Fiberglass Non-Corrosive	New
Tank	Fiberglass Brine Filled Double Wall XERXES	New
Piping	Single Wall STP/Tanktop Sump	New
➡Leak Detection - Piping	Non-Discriminating Sump Sensor with positive shutdown	New
Piping	Other Steel Riser	New
Piping	Fiberglass Double Wall NOV Fiberglass Systems Red Thread IIA fiberglass piping	New
Piping	Flex Connector Steel	New
Leak Detection - Tank	Hydrostatic Reservoir Interstitial Monitoring Sensors with monitor	New
Overfill Prevention Device	Overfill Drop Tube Valve	New
Corrosion Protection - Tank	Fiberglass Non-Corrosive	New
Piping	Shear Valves	New
Spill Containment Device	Double Wall Spill Bucket	New

Tank 3 Equipment

Equipment Type	Permit Equipment	Action
Leak Detection - Piping	Electronic Pressurized Line Leak Detection	New
Overfill Prevention Device	Overfill Alarm	New
Leak Detection - Tank	Automatic Tank Gauging Veeder Root TLS 450 Plus	New
Piping	Ball Valves	New
Corrosion Protection - Piping	Fiberglass Non-Corrosive	New
Tank	Fiberglass Brine Filled Double Wall XERXES	New
Piping	Single Wall STP/Tanktop Sump	New
➡Leak Detection - Piping	Non-Discriminating Sump Sensor with positive shutdown	New
Piping	Other Steel Riser	New
Piping	Fiberglass Double Wall NOV Fiberglass Systems Red Thread IIA fiberglass piping	New
Piping	Flex Connector Steel	New
Leak Detection - Tank	Hydrostatic Reservoir Interstitial Monitoring Sensors with monitor	New
Overfill Prevention Device	Overfill Drop Tube Valve	New
Corrosion Protection - Tank	Fiberglass Non-Corrosive	New
Piping	Shear Valves	New
Spill Containment Device	Double Wall Spill Bucket	New

Tank 4 Equipment

Equipment Type	Permit Equipment	Action
Leak Detection - Piping	Electronic Pressurized Line Leak Detection	New
Overfill Prevention Device	Overfill Alarm	New
Leak Detection - Tank	Automatic Tank Gauging Veeder Root TLS 450 Plus	New
Piping	Ball Valves	New
Corrosion Protection - Piping	Fiberglass Non-Corrosive	New
Tank	Fiberglass Brine Filled Double Wall XERXES	New
Piping	Single Wall STP/Tanktop Sump	New
↳ Leak Detection - Piping	Non-Discriminating Sump Sensor with positive shutdown	New
Piping	Other Steel Riser	New
Piping	Fiberglass Double Wall NOV Fiberglass Systems Red Thread IIA fiberglass piping	New
Piping	Flex Connector Steel	New
Leak Detection - Tank	Hydrostatic Reservoir Interstitial Monitoring Sensors with monitor	New
Overfill Prevention Device	Overfill Drop Tube Valve	New
Corrosion Protection - Tank	Fiberglass Non-Corrosive	New
Piping	Shear Valves	New
Spill Containment Device	Double Wall Spill Bucket	New

Dispensers on the Permit

Dispenser	Action
1/2	New
3/4	New
5/6	New
7/8	New
9/10	New
11/12	New
13/14	New
15/16	New

Dispenser 1/2 Equipment

Equipment Type	Permit Equipment	Action
Dispenser	Single Wall UDC Sump	New
↳ Leak Detection - Piping	Non-Discriminating Sump Sensor with positive shutdown	New

Dispenser 3/4 Equipment

Equipment Type	Permit Equipment	Action
Dispenser	Single Wall UDC Sump	New
↳ Leak Detection - Piping	Non-Discriminating Sump Sensor with positive shutdown	New

Dispenser 5/6 Equipment

Equipment Type	Permit Equipment	Action
Dispenser	Single Wall UDC Sump	New
↳ Leak Detection - Piping	Non-Discriminating Sump Sensor with positive shutdown	New

Dispenser 7/8 Equipment

Equipment Type	Permit Equipment	Action
Dispenser	Single Wall UDC Sump	New
↳ Leak Detection - Piping	Non-Discriminating Sump Sensor with positive shutdown	New

Dispenser 9/10 Equipment

Equipment Type	Permit Equipment	Action
Dispenser	Single Wall UDC Sump	New
↳ Leak Detection - Piping	Non-Discriminating Sump Sensor with positive shutdown	New

Dispenser 11/12 Equipment

Equipment Type	Permit Equipment	Action
Dispenser	Single Wall UDC Sump	New
↳ Leak Detection - Piping	Non-Discriminating Sump Sensor with positive shutdown	New

Dispenser 13/14 Equipment

Equipment Type	Permit Equipment	Action
Dispenser	Single Wall UDC Sump	New
↳ Leak Detection - Piping	Non-Discriminating Sump Sensor with positive shutdown	New

Dispenser 15/16 Equipment

Equipment Type	Permit Equipment	Action
Dispenser	Single Wall UDC Sump	New
↳ Leak Detection - Piping	Non-Discriminating Sump Sensor with positive shutdown	New

General Requirements

USTs shall be installed to safeguard against movement by anchoring in accordance with manufacturer's instructions.

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.


Summary of Work

Installing a new site as per the attached.

Special Contingencies

PERSON, FIRM OR COMPANY PERFORMING WORK:	
Anderson Pump Service, Inc. 19659 South 97th Avenue Mokena, IL 60448	Contact Person: Ron Anderson Phone: 708/243-9081 Email: steve@andersonpump.com Contractor License # IL002275 Exp. 5/21/2024

Sincerely,



Daniel Starks