



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

FOR OFFICE USE ONLY
Facility #: 2033538
Permit #: 00721-2025INS
Request Rec'd: 06/03/2025
Approval Date: 06/10/2025 DS
Extension Date: 12/08/2025
Permit Expires: 06/10/2026

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 EXTENSION DATE.

OWNER OF TANKS - Corporation, partnership, or other business entity: Exxon Mobil Oil Corporation 25915 S. Frontage Road C/O Joliet Refinery Channahon, IL 60410 Will County Contact: Heidi Mulhall 630/335-1573	FACILITY - name and address where tanks are located: Exxon Mobil Oil Corp - Joliet Refinery 25915 S Frontage Road E. Channahon, IL 60410 Will County Contact: Heidi Mulhall 630/335-1573
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Tanks on the Permit

Tank #	Product	Capacity	Tank Status	Regulated Status
5	Diesel Fuel	12,000	Installed/Not in Use	Federal
6	Gasoline - Regular	8,000	Installed/Not in Use	Federal

Tank 5 Equipment

Equipment Type	Permit Equipment	Action
Corrosion Protection - Piping	Fiberglass Non-Corrosive	New
Corrosion Protection - Tank	Fiberglass Non-Corrosive	New
Leak Detection - Piping	European with No Test Req Suction	New
Leak Detection - Tank	Automatic Tank Gauging Veeder Root TLS 450 Plus with CSLD	New
Leak Detection - Tank	Non-Discriminating Interstitial Monitoring Sensors	New
Overfill Prevention Device	Overfill Drop Tube Valve	New
Piping	Ball Valves	New
Piping	Fiberglass Double Wall Ameron Dualoy 3000/LCX	New
Piping	Fiberglass Single Wall Piping Ameron 4000 L single wall vent	New
Piping	Flex Connector Steel	New
Piping	Other Steel Riser	New
Piping	Single Wall STP/Tanktop Sump	New
Spill Containment Device	Double Wall Spill Bucket	New
Tank	Fiberglass Double Wall XERXES	New

Tank 6 Equipment

Equipment Type	Permit Equipment	Action
Corrosion Protection - Piping	Fiberglass Non-Corrosive	New
Corrosion Protection - Tank	Fiberglass Non-Corrosive	New
Leak Detection - Piping	European with No Test Req Suction	New
Leak Detection - Tank	Automatic Tank Gauging Veeder Root TLS 450 Plus with CSLD	New
Leak Detection - Tank	Non-Discriminating Interstitial Monitoring Sensors	New
Overfill Prevention Device	Overfill Drop Tube Valve	New
Piping	Ball Valves	New
Piping	Fiberglass Double Wall Ameron Dualoy 3000/LCX	New
Piping	Fiberglass Single Wall Piping Ameron 4000 L single wall vent	New
Piping	Flex Connector Steel	New
Piping	Other Steel Riser	New
Piping	Single Wall STP/Tanktop Sump	New
Spill Containment Device	Double Wall Spill Bucket	New
Tank	Fiberglass Double Wall XERXES	New

Dispensers on the Permit

Dispenser	Action
1/2	New
3/4	New
5/6	New
7/8	New

Dispenser 1/2 Equipment

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

Dispenser 3/4 Equipment

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

Dispenser 5/6 Equipment

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

Dispenser 7/8 Equipment

Equipment Type	Permit Equipment	Action
Dispenser	Single Wall UDC Sump	New
🔧 Leak Detection - Piping	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


- IL OSFM permitting for new fuel system install
- Install slide rail shoring for new tank installation
- Supply and install (2) OSFM required monitoring wells (one at each corner of excavation)
- Supply and install tank hold down deadmen provided by tank manufacturer
- Supply and install (1) 12,000 gallon double wall fiberglass UST for diesel and (1) 8,000 gallon double walled UST for gasoline
- Supply and install hold down straps
- Backfill excavation to tank top
- Supply and install single wall tank top piping sump for each tank
- Supply and install (4) single wall under dispenser containment sumps
- Supply and install double walled fiberglass product piping from tank sumps to under dispenser containment sumps
- Supply and install single wall fiberglass underground vent piping with galvanized steel risers above ground
- Supply and install all necessary 4" steel tank risers for fills, probes, and interstice sensors
- Supply and install double walled below grade 5 gallon spill buckets on each fill riser
- Supply and install fill riser overfill valves
- Supply and set new stainless steel island from
- Supply and set all needed 18" and 42" manholes
- Resurface with concrete up to 8" thick reinforced with fiber mesh over tanks and piping (Includes up to 2500 square feet of concrete including new island)
- Pour new island
- Re-install existing dispensers
- Supply and install new PV-200 fuel management system
- Remove ballast water from new tanks
- After owner supplied fuel, test new system per IL OSFM regulations
- Start up new fuel system and train owner on proper use

Special Contingencies

NOTES: Vents must meet section 175.440 of our rules. Dispensers must be a full 10' to all buildings and property lines.

PERSON, FIRM OR COMPANY PERFORMING WORK:	
Stenstrom Petroleum Services Group 2422 Center Street Rockford, IL 61108	Contact Person: Robert Stenstrom Phone: 630/878-6354 Email: jasonre@rstenstrom.com Contractor License # IL1890 Exp. 4/12/2026

Sincerely,



Daniel Starks