



Office of the Illinois State Fire Marshal
Division of Petroleum and Chemical Safety
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Springfield, IL 62703
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Extended

FOR OFFICE USE ONLY
Facility #: 2047792
Permit #: 01159-2024INS
Request Rec'd: 08/28/2024
Approval Date: 09/19/2024 DS
Extension Date: 09/16/2025
Permit Expires: 03/19/2026

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: Big Rig 1 (West Dundee) Propco, LLC 400 N. LaSalle, Suite 805 Chicago, IL 60654 Cook County Contact: Jason Schiffman 800/550-6370	FACILITY - name and address where tanks are located: West Dundee Truck Center 70 Airport Road West Dundee, IL 60118 Kane County Contact: Thomas Moszcynsk 847/551-3806
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Tanks on the Permit

Tank #	Product	Capacity	Tank Status	Regulated Status
1	Gasoline - Premium	20,000	Installed/Not in Use	Federal
2	Diesel Fuel	10,000	Installed/Not in Use	Federal
3	Gasoline - Regular	30,000	Installed/Not in Use	Federal
4	Diesel Fuel	30,000	Installed/Not in Use	Federal

Tank 1 Equipment

Equipment Type	Permit Equipment	Action
Corrosion Protection - Piping	Flexible Non-Corrosive	New
Corrosion Protection - Tank	Fiberglass Non-Corrosive	New
Leak Detection - Piping	Electronic Pressurized Line Leak Detection	New
Leak Detection - Tank	Automatic Tank Gauging Veeder Root TLS 450 Plus	New
Leak Detection - Tank	Non-Discriminating Interstitial Monitoring Sensors With Monitor	New
Overfill Prevention Device	Overfill Alarm	New
Overfill Prevention Device	Overfill Drop Tube Valve	New
Piping	Ball Valves	New
Piping	Flexible Double Wall Franklin Fueling Systems UPP	New
Piping	Other Submersible Pump	New
Piping	Shear Valves	New
Piping	Single Wall STP/Tanktop Sump	New
Leak Detection - Piping	Sump Sensor with positive shutdown	New
Spill Containment Device	Double Wall Spill Bucket	New
Tank	Fiberglass Double Wall XERXES	New

Tank 2 Equipment

Equipment Type	Permit Equipment	Action
Corrosion Protection - Piping	Flexible Non-Corrosive	New
Corrosion Protection - Tank	Fiberglass Non-Corrosive	New
Leak Detection - Piping	Electronic Pressurized Line Leak Detection	New
Leak Detection - Tank	Automatic Tank Gauging Veeder Root TLS 450 Plus	New
Leak Detection - Tank	Non-Discriminating Interstitial Monitoring Sensors With Monitor	New
Overfill Prevention Device	Overfill Alarm	New
Overfill Prevention Device	Overfill Drop Tube Valve	New
Piping	Ball Valves	New
Piping	Flexible Double Wall Franklin Fueling Systems UPP	New
Piping	Other Submersible Pump	New
Piping	Shear Valves	New
Piping	Single Wall STP/Tanktop Sump	New
🔧 Leak Detection - Piping	Sump Sensor with positive shutdown	New
Spill Containment Device	Double Wall Spill Bucket	New
Tank	Fiberglass Double Wall XERXES	New

Tank 3 Equipment

Equipment Type	Permit Equipment	Action
Corrosion Protection - Piping	Flexible Non-Corrosive	New
Corrosion Protection - Tank	Fiberglass Non-Corrosive	New
Leak Detection - Piping	Electronic Pressurized Line Leak Detection	New
Leak Detection - Tank	Automatic Tank Gauging Veeder Root TLS 450 Plus	New
Leak Detection - Tank	Non-Discriminating Interstitial Monitoring Sensors With Monitor	New
Overfill Prevention Device	Overfill Alarm	New
Overfill Prevention Device	Overfill Drop Tube Valve	New
Piping	Ball Valves	New
Piping	Flexible Double Wall Franklin Fueling Systems UPP	New
Piping	Other Submersible Pump	New
Piping	Shear Valves	New
Piping	Single Wall STP/Tanktop Sump	New
🔧 Leak Detection - Piping	Sump Sensor with positive shutdown	New
Spill Containment Device	Double Wall Spill Bucket	New
Tank	Fiberglass Double Wall XERXES	New

Tank 4 Equipment

Equipment Type	Permit Equipment	Action
Corrosion Protection - Piping	Flexible Non-Corrosive	New
Corrosion Protection - Tank	Fiberglass Non-Corrosive	New
Leak Detection - Piping	Electronic Pressurized Line Leak Detection	New
Leak Detection - Tank	Automatic Tank Gauging Veeder Root TLS 450 Plus	New
Leak Detection - Tank	Non-Discriminating Interstitial Monitoring Sensors With Monitor	New
Overfill Prevention Device	Overfill Alarm	New
Overfill Prevention Device	Overfill Drop Tube Valve	New
Piping	Ball Valves	New
Piping	Flexible Double Wall Franklin Fueling Systems UPP	New
Piping	Other Submersible Pump	New
Piping	Shear Valves	New
Piping	Single Wall STP/Tanktop Sump	New
🔧 Leak Detection - Piping	Sump Sensor with positive shutdown	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
9/10	New
11/12	New
13/14	New
15/16	New
17M	New
18S/19M	New
20S/21M	New
22S	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

Dispenser 9/10 Equipment

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

Dispenser 11/12 Equipment

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

Dispenser 13/14 Equipment

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

Dispenser 15/16 Equipment

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

Dispenser 17M Equipment

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

Dispenser 18S/19M Equipment

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

Dispenser 20S/21M Equipment

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

Dispenser 22S 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

TANKS:

- (2) 30,000 gallon 10' dia. double wall tank (RUL & Diesel).
- (1) 30,000 gallon 10' dia. double wall tank (split 20/10 PUL & Car Diesel).
- (1) 6,000 gallon 8' dia. double wall tank (DEF).
- Concrete dead men hold downs, straps & turnbuckles

OVERSPILL/OVERFILL PREVENTION:

- (4) 5 gallon, below-grade double wall overspill containment manholes.
- (4) OPW straight drop tubes.

CONTAINMENT SUMPS:

- (5) 42" fiberglass water-tight piping sumps at tank tops.
- (12) Under dispenser sumps at islands.

Run double wall product piping.

Run single wall vent piping.

PIPING:

2" Double wall UL approved pipe UPP.

Ameron 2" single wall fiberglass vent piping system.

SUBMERSIBLE PUMPS:

- (2) 4 hp Variable speed submersible pumps for RUL & DSL.
- (1) 2 hp Fixed speed submersible pumps for PUL.
- (1) 1.5 hp fixed speed submersible pumps for Car Diesel.
- (1) 1.5 hp fixed speed submersible pump for DEF.
- (5) Pump Controllers.

LEAK DETECTION:

- (1) Veeder-Root TLS-450 Plus monitor console.
- (5) Tank level probes.
- (4) Tank interstitial sensor.
- (12) Dispenser sump sensors.
- (5) Tank sump sensors.
- (4) Digital Pressurized line leak detectors.
- (1) Overfill alarm with acknowledgement switch.

MANHOLES:

- (2) 12" Observation well manhole.
- (5) 42" Composite manholes.
- (10) 18" Tank sensor manholes.
- (5) 12" Manhole.

ISLAND FORMS:

- (8) 3' x 5' stainless steel island forms.
- (4) 3' x 8' stainless steel island forms.
- (8) U shape posts and (12) bollards.

ISLAND EQUIPMENT:

- (5) E-stop switches
- Self-Serve signage at islands.

CANOPIES:

Furnish & Install (2) canopies.

- (1) Auto area canopy measuring 58' x 123'
- (1) Truck fueling canopy measuring 30' x 66'.

DISPENSERS & HANGING HARDWARE:

- (4) Diesel/DEF – Master/DEF/Satellite dispensers for truck fueling.
- (6) Gasoline blender dispensers (3+0).
- (2) Gasoline blender with diesel dispensers (3+1).

Special Contingencies

NOTE: Vents must meet section 175.440 of our rules

PERSON, FIRM OR COMPANY PERFORMING WORK:

Crowne Industries, Ltd.
651 S. Sutton Road #214
Streamwood, IL 60107

Contact Person: Robert Sumoski
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Email: bob@crownetank.com
Contractor License # IL002345 Exp. 5/16/2026

Sincerely,



Daniel Starks