



**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

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

**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.**

<b>OWNER OF TANKS</b> - Corporation, partnership, or other business entity: Big Rig 1 (West Dundee) Propco, LLC 400 N. LaSalle, Suite 805 Chicago, IL 60654 Contact: Big Rig 1 (West Dundee) Propco, LLC 800/550-6370	<b>FACILITY</b> - name and address where tanks are located: West Dundee Truck Center 70 Airport Road West Dundee, IL 60118 Cook 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	Tank Not Installed	Federal
2	Diesel Fuel	10,000	Tank Not Installed	Federal
3	Gasoline - Regular	30,000	Tank Not Installed	Federal
4	Diesel Fuel	30,000	Tank Not Installed	Federal

**Tank 1 Equipment**

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


## Tank 2 Equipment

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



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Daniel Starks