



Office of the Illinois State Fire Marshal
Division of Petroleum and Chemical Safety
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Springfield, IL 62703
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SFM.DPCS@illinois.gov
Replacement of 01041-2022INS

FOR OFFICE USE ONLY
Facility #: 2047494
Permit #: 00458-2024INS
Request Rec'd: 04/21/2024
Approval Date: 04/24/2024 DS
Permit Expires: 10/24/2024

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: OM Lucky Brother 2 Inc. 201 Caton Farm Road Crest Hill, IL 60403 Contact: Shamir Manhani 515/451-4138	FACILITY - name and address where tanks are located: Quick Run Crest Hill 201 Caton Farm Rd. Crest Hill, IL 60403 Will County Contact: Shamir Manhani 515/451-4138
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Tanks on the Permit

Tank #	Product	Capacity	Tank Status	Regulated Status
1	Gasoline - Regular	24,000	Tank Not Installed	Federal
2	Gasoline - Premium	6,000	Tank Not Installed	Federal
3	Diesel Fuel	12,000	Tank Not Installed	Federal
4	Diesel Fuel	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	Non-Discriminating Interstitial Monitoring Sensors	New
Leak Detection - Piping	Electronic Pressurized Line Leak Detection	New
Overfill Prevention Device	Overfill Drop Tube Valve	New
Spill Containment Device	Single Wall Spill Bucket	New
Corrosion Protection - Tank	Fiberglass Non-Corrosive	New
Corrosion Protection - Piping	Flexible Non-Corrosive	New
Tank	Fiberglass Double Wall	New
Piping	Other Submersible Pump	New
Piping	Single Wall STP/Tanktop Sump	New
↳ Leak Detection - Piping	Sump Sensor with positive shutdown	New
Piping	Ball Valves	New
Piping	Positive Shutoff Valves	New
Piping	Shear Valves	New
Piping	Flexible Double Wall OPW Flexworks	New

Tank 2 Equipment

Equipment Type	Permit Equipment	Action
Leak Detection - Piping	Electronic Pressurized Line Leak Detection	New
Piping	Flexible Double Wall OPW Flexworks	New
Leak Detection - Tank	Automatic Tank Gauging Veeder Root TLS 450 Plus	New
Piping	Positive Shutoff Valves	New
Piping	Ball Valves	New
Piping	Other Submersible Pump	New
Leak Detection - Tank	Non-Discriminating Interstitial Monitoring Sensors	New
Piping	Single Wall STP/Tanktop Sump	New
↳ <i>Leak Detection - Piping</i>	Sump Sensor with positive shutdown	New
Corrosion Protection - Piping	Flexible Non-Corrosive	New
Spill Containment Device	Single Wall Spill Bucket	New
Tank	Fiberglass Double Wall	New
Overfill Prevention Device	Overfill Drop Tube Valve	New
Corrosion Protection - Tank	Fiberglass Non-Corrosive	New
Piping	Shear Valves	New

Tank 3 Equipment

Equipment Type	Permit Equipment	Action
Leak Detection - Piping	Electronic Pressurized Line Leak Detection	New
Piping	Flexible Double Wall OPW Flexworks	New
Leak Detection - Tank	Automatic Tank Gauging Veeder Root TLS 450 Plus	New
Piping	Positive Shutoff Valves	New
Piping	Ball Valves	New
Piping	Other Submersible Pump	New
Leak Detection - Tank	Non-Discriminating Interstitial Monitoring Sensors	New
Piping	Single Wall STP/Tanktop Sump	New
↳ <i>Leak Detection - Piping</i>	Sump Sensor with positive shutdown	New
Corrosion Protection - Piping	Flexible Non-Corrosive	New
Spill Containment Device	Single Wall Spill Bucket	New
Tank	Fiberglass Double Wall	New
Overfill Prevention Device	Overfill Drop Tube Valve	New
Corrosion Protection - Tank	Fiberglass Non-Corrosive	New
Piping	Shear Valves	New

Tank 4 Equipment

Equipment Type	Permit Equipment	Action
Leak Detection - Piping	Electronic Pressurized Line Leak Detection	New
Piping	Flexible Double Wall OPW Flexworks	New
Leak Detection - Tank	Automatic Tank Gauging Veeder Root TLS 450 Plus	New
Piping	Positive Shutoff Valves	New
Piping	Ball Valves	New
Piping	Other Submersible Pump	New
Leak Detection - Tank	Non-Discriminating Interstitial Monitoring Sensors	New
Piping	Single Wall STP/Tanktop Sump	New
↳ Leak Detection - Piping	Sump Sensor with positive shutdown	New
Corrosion Protection - Piping	Flexible Non-Corrosive	New
Spill Containment Device	Single Wall Spill Bucket	New
Tank	Fiberglass Double Wall	New
Overfill Prevention Device	Overfill Drop Tube Valve	New
Corrosion Protection - Tank	Fiberglass Non-Corrosive	New
Piping	Shear Valves	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	New
16	New
17	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
↳ <i>Leak Detection - Piping</i>	Sump Sensor with positive shutdown	New

Dispenser 9/10 Equipment

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

Dispenser 11/12 Equipment

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

Dispenser 13/14 Equipment

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

Dispenser 15 Equipment

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

Dispenser 16 Equipment

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

Dispenser 17 Equipment

Equipment Type	Permit Equipment	Action
Dispenser	Single Wall UDC Sump	New
↳ <i>Leak Detection - Piping</i>	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:

- (1) 30,000 gallon 10' dia. double wall fiberglass tank, split 24/6 (RUL & PUL).
 - (1) 18,000 gallon 10' dia. double wall fiberglass tank, split 12/6 (Diesel & Unbranded Diesel).
 - (1) 3,000 gallon 6' diameter double wall fiberglass DEF tank.
- Concrete dead men hold downs, straps & turnbuckles.

OVERSPILL/OVERFILL PREVENTION:

- (3) 5 gallon, below-grade level overspill containment manholes.
- (3) OPW straight drop tubes.
- (1) Stainless steel remote fill for DEF.

SUMPS:

- (4) 42" fiberglass water-tight piping sumps at tank tops.
- (11) Under dispenser sumps at islands

PIPING:

- 2" Double wall Ameron LCX Pipe.
- Ameron 2" single wall fiberglass vent piping system.
- 2" single wall DEF piping

SUBMERSIBLE PUMPS:

- (4) FE Petro submersible pumps with Electronic Line Leak Detector.
- (1) FE Petro 1.5 HP fixed speed submersible pump for DEF.
- (5) Pump Controllers.

LEAK DETECTION:

- (1) Veeder-Root TLS-450 monitor console.
- (3) 10' Tank level probes.
- (1) 6' Tank level probe.
- (3) Tank interstitial sensors.
- (11) Dispenser sump sensors.
- (4) Tank sump sensors.
- (4) Digital Pressurized line leak detectors.
- (1) DEF recirculation software and sensor.
- (1) Overfill alarm with acknowledgement switch.

MANHOLES:

- (3) 12" Observation well manhole.
- (5) 42" Composite manholes.
- (3) 18" Tank sensor manholes.
- (5) 12" Manhole.

ISLAND EQUIPMENT:

- (5) Fire extinguishers.
- Self-Serve signage at islands.

Special Contingencies

Replacement Reason:

Project is now moving forward.

PERSON, FIRM OR COMPANY PERFORMING WORK:	
Crowne Industries, Ltd. 651 S. Sutton Road #214 Streamwood, IL 60107	Contact Person: Robert Sumoski Phone: 630/201-4967 Email: bob@crownetank.com Contractor License # IL002345 Exp. 5/16/2024

Sincerely,



Daniel Starks