



Office of the Illinois State Fire Marshal  
 Division of Petroleum and Chemical Safety  
 1035 Stevenson Drive  
 Springfield, IL 62703  
 2177851020

**FOR OFFICE USE ONLY**  
 Facility # 1047030  
 Permit # 00522-2020INS  
 Request Rec'd 03/26/2020  
 Amended Date 08/26/2020 DS  
 Approval Date 4/1/2020 DS  
 Permit Expires 4/1/2021

**Extended/Amended**

**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 or an employee of that contractor (this does not include a subcontractor) shall submit a required job schedule for installation of underground storage tank(s) to the Office of the State Fire Marshal, Division of Petroleum and Chemical Safety. **THIS PERMIT IS VALID FOR SIX MONTHS FROM THE APPROVAL DATE.**

<p><b>(1) OWNER OF TANKS</b> - Corporation, partnership, or other business entity:</p> <p>Love's Travel Stops &amp; Country Stores, Inc.        P.O. Box 26210 10601 N. Penn        Oklahoma City, OK 73120</p> <p>Contact: Jerrod Marsh (405) 834-0311</p>	<p><b>(2) FACILITY</b> - name and address where tanks are located:</p> <p>Love's Travel Stop #775        4682 South Main St.        Rockford, IL 61102</p> <p>Contact: Kyle Collins (405) 834-0311</p>
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**(3) INSTALLATION OF TANKS:**

- (a) *Number and size of tanks being installed: (TK # 1, 6, 7) - 20,000, (TK # 2) - 12,000, (TK # 3) - 8,000, (TK # 4, 5) - 30,000*
- (b) *Type of tank(s): (TK # 1, 2, 3, 4, 5, 6, 7) Tank - Fiberglass Double Wall XERXES*
- (c) *Type of piping: (TK # 1, 2, 3, 4, 5, 6, 7) Piping - Fiberglass Double Wall Ameron Dualoy 3000/LCX from tanks to dispensers, remote fills, for siphon bar and also the flushout, (TK # 1, 2, 3, 4, 5, 6, 7) Piping - Other Submersible Pump, (TK # 1, 2, 3, 4, 5, 7) Piping - Shear Valves, (TK # 1, 2, 3, 4, 5, 6, 7) Piping - Single Wall STP/Tanktop Sump*
- (d) *Product to be stored in each tank: (TK # 1, 2) - Gasoline - Regular, (TK # 3) - Gasoline - Premium, (TK # 4, 5) - Diesel Fuel, (TK # 6) - B-99, (TK # 7) - Diesel Exhaust Fluid (Non-Regulated)*
- (e) *Type of leak detection being used:*
  - Tank: (TK # 1, 2, 3, 4, 5, 6, 7) Leak Detect - Tank - Automatic Tank Gauging Incon EVO 5000, (TK # 1, 2, 3, 4, 5, 6, 7) Leak Detect - Tank - Non-Discriminating Sensors Interstitial Monitoring*
  - Piping: (TK # 1, 2, 3, 4, 5, 7) Leak Detect - Piping - Electronic Pressurized Line Leak Detection, (TK # 1, 2, 3, 4, 5, 6, 7) Leak Detect - Piping - Non-Discriminating Sump Sensor with positive shutdown in all submersible, dispenser and fill sumps*
- (f) *Corrosion Protection being used:*
  - Tank: (TK # 1, 2, 3, 4, 5, 6, 7) Corrosion Prot - Tank - Fiberglass Non-Corrosive*
  - Piping: (TK # 1, 2, 3, 4, 5, 6, 7) Corrosion Prot - Piping - Fiberglass Non-Corrosive*
- (g) *Spill containment devices, piping and dispenser containment devices: (TK # 1, 2, 3, 4, 5, 7) Spill Contain Device - Single Wall Spill Bucket, (TK # 6, 7) Spill Contain Device - Single Wall Spill Bucket Horizontal Cabinet*
- (h) *Overflow prevention devices: (TK # 1, 2, 3, 4, 5, 7) Overflow Prev Device - Overflow Drop Tube Valve, (TK # 1, 2, 3, 4, 5, 6, 7) Overflow Prev Device - Overflow Alarm*

(4) The owner must notify this Office when completion of tank installation has occurred, on the Notification for Underground Storage Tank Form and the licensed contractor must submit the required job schedule for installation to the OSFM prior to the work being performed. Both forms can be obtained at [www.sfm.illinois.gov](http://www.sfm.illinois.gov) by calling (217)785-1020.

(5) **GENERAL REQUIREMENTS** : 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.

**(6) SPECIAL CONTINGENCIES :**

The proposed work consists of the installation of (6) DW Xerxes tanks. (1) 20,000 gallon regular unleaded tank, (1) 2 compartment, 8,000 gallon premium unleaded tank and 12,000 gallon premium unleaded tank, (2) 30,000 gallon diesel fuel tanks, (1) 20,000 gallon B-99 tank and (1) 20,000 gallon diesel exhaust fuel tank. There will be (5) islands for car fueling and (7) islands for semi fueling. The piping will be NOV LCX double wall FRP pipe. Tank and line monitoring will be with an Incon EVO T5000. The tanks will have Incon TSP-LL2-125 probes to provide inventory control. The tank monitoring will be Incon FMP-EIS dry interstitial sensors. The line monitoring will be TSP-ULS piping sump sensors with TS-ELLD electronic line leak detection. There will be Bravo sumps at all tanks and under all dispensers. Spill prevention will be Franklin Fueling #705 Defender spill containers on the tanks. There will be a remote fill on the premium unleaded tank that will have an Emco Wheaton #A-1005-517SF spill container. Overfill prevention will be Franklin Fueling #708 Defender overfill drop tubes. There will also be an Incon TS RA1 overfill alarm installed for overfill prevention. There will be a 3" double wall syphon on the (2) diesel tanks and a future 2" syphon line installed on the B-99 tank and the DEF tanks. There will be a 2" LCX double wall line from the B-99 tank to the piping sump at the fill pipe of the diesel tanks to inject B-99 as the delivery trucks are dropping diesel fuel. There will also be a line from the diesel tank to the bio tank sump to flush the bio line out after delivery.

Amendment Reason: Adding tank monitor to tank leak detection

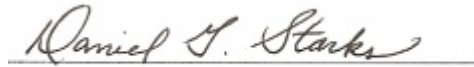
**NOTE: Tank monitor will ONLY serve to power the interstitial tank sensors which are the only form of tank leak detection**

**(6) PERSON, FIRM OR COMPANY PERFORMING WORK:**

Illinois Oil Marketing Equipment, Inc.  
850 Brenkman Drive  
Pekin, IL 61554

Contact Person: Chris Epkins  
Phone: (309) 347-1819  
Contractor Registration # IL1293 Exp. 2/4/2022

Sincerely,



Daniel Starks

cc: Storage Tank Safety Specialist  
Division File