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

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.**

(1) OWNER OF TANKS - Corporation, partnership, or other business entity:

Love's Travel Stops & Country Stores, Inc.
P.O. Box 26210 10601 N. Penn
Oklahoma City, OK 73120

Contact: Jerrod Marsh (405) 834-0311

(2) FACILITY - name and address where tanks are located:

Love's Travel Stop #804
1001 W. 11th Ave
Monmouth, IL 61462

Contact: Kyle Collins (405) 834-0311

(3) INSTALLATION OF TANKS:

(a) *Number and size of tanks being installed: (TK # 1, 4, 5, 6) - 20,000, (TK # 2) - 12,000, (TK # 3) - 8,000*

(b) *Type of tank(s): (TK # 1, 2, 3, 4, 5, 6) Tank - Fiberglass Double Wall XERXES*

(c) *Type of piping: (TK # 1, 2, 3, 4, 5, 6) Piping - Fiberglass Double Wall Ameron Dualoy 3000/LCX from tanks to dispensers, for remote fill and for siphon bar, (TK # 1, 2, 3, 4, 5, 6) Piping - Other Submersible Pump, (TK # 1, 2, 3, 4, 5, 6) Piping - Shear Valves, (TK # 1, 2, 3, 4, 5, 6) Piping - Single Wall STP/Tanktop Sump*

(d) *Product to be stored in each tank: (TK # 1) - Gasoline - Regular, (TK # 2) - Diesel Exhaust Fluid (Non-Regulated), (TK # 3) - Gasoline - Premium, (TK # 4, 5) - Diesel Fuel, (TK # 6) - B-99*

(e) *Type of leak detection being used:*

Tank: (TK # 1, 2, 3, 4, 5, 6) Leak Detect - Tank - Non-Discriminating Sensors Interstitial Monitoring

Piping: (TK # 1, 2, 3, 4, 5, 6) Leak Detect - Piping - Electronic Pressurized Line Leak Detection, (TK # 1, 2, 3, 4, 5, 6) Leak Detect - Piping - Non-Discriminating Sump Sensor with positive shutdown in all sumps

(f) *Corrosion Protection being used:*

Tank: (TK # 1, 2, 3, 4, 5, 6) Corrosion Prot - Tank - Fiberglass Non-Corrosive

Piping: (TK # 1, 2, 3, 4, 5, 6) Corrosion Prot - Piping - Fiberglass Non-Corrosive

(g) *Spill containment devices, piping and dispenser containment devices: (TK # 1, 2, 3, 4, 5, 6) Spill Contain Device - Single Wall Spill Bucket*

(h) *Overfill prevention devices: (TK # 1, 2, 3, 4, 5, 6) Overfill Prev Device - Overfill Drop Tube Valve, (TK # 1, 2, 3, 4, 5, 6) Overfill Prev Device - Overfill 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 or by calling (217)785-1020.

(5) GENERAL REQUIREMENTS : There shall be a minimum of two manufactured slotted or perforated observation wells of at lease 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.
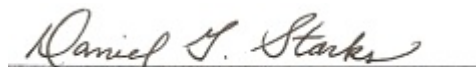
(6) **SPECIAL CONTINGENCIES** : The proposed work consists of the installation of (5) DW Xerxes tanks. (1) 20,000 gallon regular unleaded, (1) 2 compartment, 8,000 gallon premium unleaded and 12,000 gallon DEF, (2) 20,000 gallon diesel fuel and (1) 20,000 gallon B-99 tank. There will be (4) islands for car fueling and (5) 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.

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(6) PERSON, FIRM OR COMPANY PERFORMING WORK:

Illinois Oil Marketing Equipment, Inc.　　　　　　　　Contact Person: Chris Epkins
850 Brenkman Drive　　　　　　　　　　　　　　　　Phone: (309) 347-1819
Pekin, IL 61554　　　　　　　　　　　　　　　　　　Contractor Registration # IL1293 Exp. 2/4/2022

Sincerely,

Daniel T. Starks

Daniel Starks

cc: Storage Tank Safety Specialist
Division File