



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

Amended

FOR OFFICE USE ONLY

Facility # 2047042
Permit # 00626-2020INS
Request Rec'd 04/20/2020
Amended Date 08/31/2020 DS
Approval Date 4/28/2020 DS
Permit Expires 10/28/2020

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) <u>OWNER OF TANKS</u> - 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) <u>FACILITY</u> - name and address where tanks are located: Love's Travel Stop #768 23815 W. Bluff Rd. Channahon, IL 60410 Contact: Kyle Collins (405) 834-0311
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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, 9, 13) - 8,000, (TK # 4, 5) - 30,000, (TK # 8, 10, 11, 12) - 3,000, (TK # 14) - 7,000*
- (b) *Type of tank(s): (TK # 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14) Tank - Fiberglass Double Wall XERXES*
- (c) *Type of piping:*
(TK # 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14) Piping - Fiberglass Double Wall Ameron Dualoy 3000/LCX from fuel tanks to dispensers as shown in site plan, for remote fills for all Motor Oil tanks as well as for the premium leaded, lastly from all motor oil tanks to the transition sump(s) as shown in site plan. The siphon lines on the gas tanks will be 2" Ameron LCX double wall pipe and the diesel tanks will be Ameron 3" LCX double wall. The piping for the B-99 will be Ameron 2" LCX pipe and will be piped into the fill line of the diesel tanks, there will be a sump at the connection of the B99 line and the diesel fill pipe. The B-99 will be injected into the fill line when the tank is being filled with diesel fuel. There will be a line from (1) diesel tank piped into the B-99 line in the B-99 tank sump to flush the B-99 out of the line after B-99 delivery into the diesel tanks, (TK # 1, 2, 3, 4, 5, 6, 7) Piping - Other Submersible Pump, (TK # 1, 2, 3, 4, 5, 6) Piping - Shear Valves, (TK # 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14) Piping - Single Wall STP/Tanktop Sump
- NOTE: The point where the motor oil piping passes through the foundation of the building must NOT have any load projected onto the piping*
- (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), (TK # 8, 9, 10, 11, 12, 13) - Motor Oil, (TK # 14) - Used Oil*
- (e) *Type of leak detection being used:*
Tank: (TK # 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14) Leak Detect - Tank - Automatic Tank Gauging Incon EVO 5000, (TK # 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14) 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, 7, 14) Leak Detect - Piping - Non-Discriminating Sump Sensor with positive shutdown in submersible, dispenser and remote fills, (TK # 8, 9, 10, 11, 12, 13) Leak Detect - Piping - European with No Test Req Suction, (TK # 8, 9, 10, 11, 12, 13) Leak Detect - Piping - Piping Sump Sensors Not Regulated are to be installed in the motor oil tank sumps as well as the transition sumps
- (f) *Corrosion Protection being used:*

Tank: (TK # 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14) Corrosion Prot - Tank - Fiberglass Non-Corrosive

Piping: (TK # 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14) Corrosion Prot - Piping - Fiberglass Non-Corrosive

(g) *Spill containment devices, piping and dispenser containment devices: (TK # 1, 2, 3, 4, 5, 6, 14) Spill Contain Device - Single Wall Spill Bucket, (TK # 7, 8, 9, 10, 11, 12, 13, 14, 14) Spill Contain Device - Single Wall Spill Bucket Horizontal Cabinet*

(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, 7, 8, 9, 10, 11, 12, 13, 14) Overfill Prev Device - Overfill Alarm, (TK # 14) Overfill Prev Device - Less than 25 gallon fills*

(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 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** :

Amendment Reason: Adding recertification certificate for oil tanks. The location of the dieselpiping on the truck side of the store has changed due to obstacles. Adding tank monitor to equipment list. Tank monitor will be under tank leak detection but we do not want to do tank testing

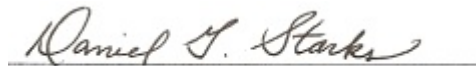
NOTE: The tank gauge will not be a form of leak detection, it is only to monitor the tank sensors

(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