



OFFICE OF THE ILLINOIS STATE FIRE MARSHAL
Division of Petroleum and Chemical Safety
1035 Stevenson Drive
Springfield, Illinois 62703-4259
(217)785-1020

Extended

FOR OFFICE USE ONLY

Facility # 6-045586
Permit # 00363-2014INS
Request Rec'd 04/25/2014
Amended Date
Approval Date 4/28/2014 JC
Permit Expires 4/28/2015

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 Stop & Country Stores P.O. Box 26210 Oklahoma City, OK 73126 Contact: Michael Key	(2) FACILITY - name and address where tanks are located: Love's Travel Stop #583 8690 Richter School Rd. New Baden, St. Clair Co., IL Contact:
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(3) INSTALLATION OF TANKS:

- (a) **Number and size of tanks being installed:** One compartment tank consisting of tank #1 and #2 as follows: (TK # 1) - 8,000 gallons, (TK # 2, 8) - 12,000 gallons each, (TK # 3, 4, 5, 6, 7) - 20,000 gallons each.
- (b) **Type of tanks:** (TK # 1, 2, 3, 4, 5, 6, 7, 8) - (Installing) Fiberglass Double Wall Containment Solutions
- (c) **Type of piping:** (TK # 1, 2, 3, 4, 5, 6, 7, 8) - (Installing) Fiberglass Double Wall Ameron Dualoy 3000/LCX product piping to include a siphon bar between tanks 4,5,6 and one between tanks 1 and 3 for present use. Furthermore, a siphon bar will also be installed between tanks 6,7,8 for future use. There will also be piping installed to accommodate the B-99 blending operation (piping will run from tank #7 to tanks 4,5,6). Piping will also be installed to accommodate three flow meters at the tank fill area for tanks 4,5,6 and also piping to accommodate the diesel distribution box.
- (d) **Product to be stored in each tank:** (TK # 1, 2, 3) - Gasoline, (TK # 4, 5, 6) - Diesel Fuel, (TK # 7) - B-99, (TK # 8) - Diesel Exhaust Fluid (Non-Regulated)
- (e) **Type of leak detection being used:**
Tank: (TK # 1, 2, 3, 4, 5, 6, 7, 8) - (Installing) Automatic Tank Gauging Veeder Root TLS 350 for inventory control only, (TK # 1, 2, 3, 4, 5, 6, 7, 8) - (Installing) Interstitial Monitoring Veeder Root TLS 350 for tank leak detection.
Piping: (TK # 1, 2, 3, 4, 6, 7, 8) - (Installing) Electronic Pressurized Line Leak Detection Veeder Root TLS 350 (tank #5 will not have a submersible pump nor line leak detector since there are two siphon bars hooked to the tanks on either side of it), (TK # 1, 2, 3, 4, 5, 6, 7, 8) - (Installing) Piping Sump Sensors Interstitial Monitoring Veeder Root TLS 350 at all submersible sumps / tank sumps, all dispenser sumps, fill sumps for tanks 4,5,6 and at the diesel distribution box / sump.
- (f) **Corrosion Protection being used:**
Tank: (TK # 1, 2, 3, 4, 5, 6, 7, 8) - (Installing) Fiberglass Non-Corrosive
Piping: (TK # 1, 2, 3, 4, 5, 6, 7, 8) - (Installing) Fiberglass Non-Corrosive
- (g) **Spill containment devices, piping and dispenser containment devices:** (TK # 1, 2, 3) - (Installing) Pre-manufactured Phil-Tite 400 spill containment, (TK # 4, 5, 6, 7, 8) - (Installing) Field Constructed to accommodate the fill / injection / metering operation.
- (h) **Overfill prevention devices:** (TK # 1, 2, 3, 4, 5, 6, 7, 8) - (Installing) Overfill Alarm Veeder Root TLS 350

- (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:** Extension request was received 09/29/14. The underground storage tank system for tank #7 must be compatible with B-99, as indicated in section 175.415 of Title 41 of the Illinois Administrative Code, and the U.S. EPA Federal Register vol.76, no.128, July 5th, 2011 notices regarding the storage and dispensing of alternative fuels. The tops of the tanks being siphoned together must be within 6"

elevation of each other.

(7) 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 # IL-1293 Exp. 02/04/2016

Sincerely,

A handwritten signature in cursive script, reading "Jim Coffey", is written over a horizontal line.

Jim Coffey

cc: Storage Tank Safety Specialist -
Fire Department -
Division File
(Rev. - 9/10)