



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 # 2046589
Permit # 00264-2018INS
Request Rec'd 02/21/2018
Amended Date
Approval Date 3/7/2018 DS
Permit Expires 9/7/2018

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: Estes Terminals, LLC 3901 W. Broad Street Richmond, VA 23230 Contact: Angela Maidment (804) 353-1900 Ext. 2263	(2) FACILITY - name and address where tanks are located: Estes Freight - Joliet 2300 Manhattan Road Joliet, IL 60433 Contact: Kevin Fitz (804) 353-1900
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(3) INSTALLATION OF TANKS:

- (a) *Number and size of tanks being installed: (TK # 1, 2, 3) - 20,000, (TK # 4) - 8,000*
- (b) *Type of tank(s): (TK # 1, 2, 3, 4) Tank - Fiberglass Double Wall XERXES*
- (c) *Type of piping: (TK # 1, 2, 3, 4) Piping - Flexible Double Wall OmegaFlex DoubleTrac, (TK # 1, 2, 3, 4) Piping - Fiberglass Double Wall NOV Fiberglass Systems Red Thread IIA fiberglass piping, (TK # 1, 2, 3, 4) Piping - Other submersible pump, (TK # 1, 2, 3, 4) Piping - Extractor Fitting Valves, (TK # 1, 2, 3, 4) Piping - Positive Shutoff Valves, (TK # 1, 2, 3, 4) Piping - Shear Valves, (TK # 1, 2, 3, 4) Piping - Valves Ball Valve, (TK # 1, 2, 3, 4) Piping - Submersible Sumps XERXES Fiberglass, (TK # 1, 2, 3, 4) Piping - Flex Connector Steel*
- (d) *Product to be stored in each tank: (TK # 1, 2, 3) - Diesel Fuel, (TK # 4) - Diesel Exhaust Fluid (Non-Regulated)*
- (e) *Type of leak detection being used:*
 - Tank: (TK # 1, 2, 3, 4) Leak Detect - Tank - Automatic Tank Gauging Veeder Root TLS 450 Plus with CSLD, (TK # 1, 2, 3, 4) Leak Detect - Tank - Interstitial Monitoring Veeder Root TLS 450 Plus*
 - Piping: (TK # 1, 2, 3, 4) Leak Detect - Piping - Mechanical Pressurized Line Leak Detection FE Petro STP-MLD-D, (TK # 1, 2, 3, 4) Leak Detect - Piping - Piping Sump Sensors Interstitial Monitoring Veeder Root TLS 450 Plus, (TK # 1, 2) Leak Detect - Piping - Siphon Bar*
- (f) *Corrosion Protection being used:*
 - Tank: (TK # 1, 2, 3, 4) Corrosion Prot - Tank - Fiberglass Non-Corrosive*
 - Piping: (TK # 1, 2, 3, 4) Corrosion Prot - Piping - Flexible Non-Corrosive*
- (g) *Spill containment devices, piping and dispenser containment devices: (TK # 1, 2, 3, 4) Spill Contain Device - Manhole Pre-manufactured OPW 1-2100 PEVR Single Wall*
- (h) *Overfill prevention devices: (TK # 1, 2, 3, 4) Overfill Prev Device - Overfill Drop Tube Valve OPW 71SO, (TK # 1, 2, 3, 4) Overfill Prev Device - Overfill Alarm Veeder Root TLS 450plus*

(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 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.

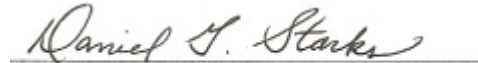
- (6) **SPECIAL CONTINGENCIES** : Install three 20,000 gallon diesel and one 8,000 gallon DEF Xerxes Double-wall Fiberglass Tanks; all tanks will have interstitial monitoring, 42" fiberglass tank sumps, deadman anchoring system, and manway plates. DEF tank will utilize OPW remote fill cabinet and stainless steel fittings. Install AO Smith Red thread fiberglass 3 over 2 piping into six Bravo fiberglass dispenser sumps. Install Veeder Root TLS450 tank monitoring system with CSLD, 4 Mag Plus Probes, 4 Interstitial Sensors, 1 overfill alarm and acknowledgement switch, and 10 794380-208 sump sensors with positive shutdown. Six wanye Select dispensers will be installed on three fueling islands. The furthest two Diesel tanks from the DEF tank will be siphoned together, please see attached drawing.

(6) PERSON, FIRM OR COMPANY PERFORMING WORK:

Stenstrom Petroleum Services Group
2422 Center Street
Rockford, IL 61108

Contact Person: Robert Stenstrom
Phone: (815) 398-6250
Contractor Registration # IL1890 Exp. 3/7/2020

Sincerely,



Daniel Starks

cc: Storage Tank Safety Specialist
Division File