



OFFICE OF THE ILLINOIS STATE FIRE MARSHAL
Division of Technical Services
1035 Stevenson Drive
Springfield, Illinois 62703-4259
(217)524-7605

FOR OFFICE USE ONLY
Facility # 1-040399
Permit # 00872-2011UPG
Request Rec'd 09/06/2011
Amended Date
Approval Date 9/8/2011 JC
Permit Expires 3/8/2012

Permit for UPGRADE or REPAIR of Underground Storage Tank(s) and Piping for Petroleum and Hazardous Substances.

Permission to upgrade or repair underground storage tank(s) or piping is hereby granted. Such upgrade or repair 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 underground piping upgrade, leak detection, spill and overfill prevention 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: Road Ranger LLC PO Box 4745 / 4930 E. State St. Rockford, IL 61108 Contact: John Carobelli 815-387-1700	(2) FACILITY - name and address where tanks are located: Road Ranger Pilot 1801 S Galena Ave Dixon, Lee Co., IL Contact: Brad Alsup 865-588-7488
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(3) UPGRADE OR REPAIR OF TANKS:

(a) Number and size of tanks being upgraded or repaired: (TK # 3) - 20,000 gallons

(b) Type of tanks:

(c) Type of piping: (TK # 3) - (Installing) Fiberglass Double Wall Ameron Dualoy 3000/LCX from the tank (one European suction line) to the new bio-diesel blending pump / sump / shed. The existing submersible pump will consequently be removed from this tank, therefore an extractor fitting / valve must be present to verify this tank / piping is European suction for future reference. Furthermore, if this tank has an existing ball float valve for overfill protection, it must be removed since this tank will now be European suction. From the discharge side of the blending pump, one new piping line will travel to a transition sump where it will manifold into two separate lines. One of the lines will lead out of the transition sump to the first three end dispenser sumps (the two western most end dispensers will be new dispensers, and the third dispenser next in line is already existing). The second new line leading out of the transition sump will run past the three western end dispensers to a location where it will tie into the existing piping trunk line to allow for bio-diesel to be served to the next four existing dispensers in line.

(d) Product to be stored in each tank: (TK # 3) - B-99.

(e) Type of leak detection being used:

Tank: (TK # 3) - (Installing) SIR and Prec Tightness Testing Warren Rogers Assoc. Petro Network S3 Version D - see contingencies section , (TK # 3) - (Installing) Automatic Tank Gauging Veeder Root TLS 450 with CSLD probe only. There is an existing console to be used for this tank that will become a TLS 450 with CSLD ATG system.

Piping: (TK # 3) - (Installing) European with No Test Req Suction from the tank to the new blending pump / sump / shed; consequently, there must be an extractor fitting at the tank for European suction verification, (TK # 3) - (Installing) Piping Sump Sensors Interstitial Monitoring Veeder Root TLS 450 at the new blending pump sump, at the new transition sump, at the two new western most dispensers, and at the tank sump to be installed with this project - (the contractor states there are existing sensors at the existing five dispensers - if there are not, this permit will have to be amended to allow for the installation of sensors in the associated existing dispensers).

(f) Corrosion Protection being used:

Tank:

Piping: (TK # 3) - (Installing) - non-corrosive fiberglass.

(g) Spill containment devices, piping, and dispenser containment devices: (TK # 3) - (Installing) Manhole Pre-manufactured OPW 1C-3112D

(h) Overfill prevention devices: (TK # 3) - (Installing) Overfill Drop Tube Valve OPW 71SOC drop tube overfill valve. According to the facility file, there may be an existing ball float valve on this tank (if this is the case, it will have to be removed since it is converting from a pressurized system to a European suction system).

(i) Manway accessible at grade:

(4) The owner must notify this Office when completion of tank upgrade/repair has occurred, on the Notification for Underground Storage Tank

Form and the licensed contractor must submit the required job schedule for underground piping upgrade, leak detection, spill and overfill prevention 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) **SPECIAL CONTINGENCIES:** Inspector must also review permit #00769-2011UPG , #00809-2011UPG, and #00873-2011INS for further guidance to clarify this job and the end results since there are three different contractors involved and four total different permits for work at this facility.

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

Contact Person: Ron Hughes

Phone:

Contractor Registration # IL-1502 Exp.

Sincerely,

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

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