



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 # 6-041319
Permit # 00698-2010UPG
Request Rec'd 06/07/2010
Amended Date
Approval Date 6/11/2010 JC
Permit Expires 12/11/2010

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, Part 170. 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: AFS, LLC 1104 Country Hills Drive Ogden, UT 84403 Contact: DeLoy Johnson (801) 624-1000	(2) FACILITY - name and address where tanks are located: Flying J Travel Plaza 1310 East Chain of Rocks Road Pontoon Beach, Madison Co., IL Contact: General Manager (618) 931-1580
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(3) UPGRADE OR REPAIR OF TANKS:

(a) *Number and size of tanks being upgraded or repaired:* (TK # 1, 2, 3) - 20,000 gallons

(b) *Type of tanks:*

(c) *Type of piping:* (TK # 1, 2, 3) - (Installing) Fiberglass Double Wall Ameron Dualoy 3000/LCX, (TK # 1, 2, 3) - (Installing) Other Aboveground Piping. (partial sections) There will be two fiberglass supply lines, and two steel dispensing lines going in and out of the new pump house as follows: (4 partial sections) to accommodate a new blending pump house for biodiesel blending / dispensing. One of these new fiberglass sections will come out of the new pump house and connect at the existing transition sump with an existing diesel line from tanks #1 & #2 (supply). One newly converted fiberglass biodiesel line that comes from tank #3 will connect directly to the pump house (supply). Another new line (above ground steel) coming out of the pump house will connect to the existing underground fiberglass piping at the transition sump that leads to the diesel truck islands (dispensing). Finally, the remaining above ground steel line coming out of the pump house will connect to the existing underground fiberglass line that leads to the auto diesel islands (dispensing) - this new line will connect at the existing transition sump. According to the contractor and permit, this set up will effectively make the piping system that comes from tanks 1, 2, 3 a European suction system from the suction side of the pump (supply side), and the dispensing side of the pump is "pressurized". Also, the two dispensing lines coming out of the pump house will be above ground and will connect to the existing underground piping at the transition sump.

(d) *Product to be stored in each tank:* (TK # 1, 2) - Diesel Fuel, (TK # 3) - Bio-Diesel

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

Tank:

Piping: (TK # 1, 2, 3) - (Installing) Mechanical Pressurized Line Leak Detection FE Petro STP-MLD, (TK # 1, 2, 3) - (Installing) Piping Sump Sensors Interstitial Monitoring Omntec BX-PDS at the two new sumps (supply and dispensing) in the new pump house. Existing line leak detectors will be re-installed for the two pressurized lines coming out of the pump to the dispensing islands. The two supply lines coming in to the pump house will be European suction.

(f) *Corrosion Protection being used:*

Tank:

Piping: (TK # 1, 2, 3) - (Installing) Fiberglass Non-Corrosive

(g) *Spill containment devices:*

(h) *Overfill prevention devices:*

(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.state.il.us/osfm or by calling (217)785-1020.

(5) SPECIAL CONTINGENCIES:

(6) PERSON, FIRM OR COMPANY PERFORMING WORK:	Contact Person: Mark Lipa Phone: Contractor Registration # Exp.
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Sincerely,



cc: Storage Tank Safety Specialist -
Fire Department -
Office Coordinator -
Division File
(Rev. - 1/98)