



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

FOR OFFICE USE ONLY

Facility # 7-007501
Permit # 00811-2014UPG
Request Rec'd 08/27/2014
Amended Date
Approval Date 8/27/2014 JC
Permit Expires 2/27/2015

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.

(1) OWNER OF TANKS - Corporation, partnership, or other business entity: Martin & Bayley, Inc. P.O. Box 385, Carmi, IL 62821 Contact: Mark Bayley	(2) FACILITY - name and address where tanks are located: Hucks #51 I-57 & Highway 15 Mount Vernon, Jefferson Co., IL Contact: Mark Bayley (618) 382-2334
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(3) UPGRADE OR REPAIR OF TANKS:

(a) Number and size of tanks being upgraded or repaired: (TK # 4, 5, 6) - 20,000 gallons

(b) Type of tanks:

(c) Type of piping: (TK # 4, 6) - (Installing) Fiberglass Double Wall Ameron Dualoy 3000/LCX from the submersible sumps of tank #4 to the farthest four dispensers, then from the closest dispenser to the next four dispensers (there is an existing new section of piping from the submersible of tank #6 to the first dispenser that was installed through permit #00615-2014UPG., (TK # 4, 5) - (Installing) Submersible Sumps containment FRP, (TK # 4, 6) - (Installing) Dispenser Sumps containment FRP for all dispenser locations. There is an existing siphon bar connecting tanks 4,5,6 (there are also ball valves that will now isolate the siphon bar from tank #5 now that it is going to be straight bio-diesel. The siphon bar will still function for tanks 4 & 6). The new installation of the dispenser piping is also to further accommodate anchoring the shear valves to the proper height requirements. Special attention must also be given to proper installation of water tight submersible sump for tank #5 since the short existing above ground piping to the above ground metering device will remain. Contractor states there are existing line leak detectors for tanks 4 and 6, and the piping for tank #5 is above ground.

(d) Product to be stored in each tank: (TK # 4, 5, 6) - Diesel Fuel

(e) Type of leak detection being used:

Tank:

Piping: (TK # 4, 5, 6) - (Installing) Piping Sump Sensors Interstitial Monitoring Veeder Root TLS 350 Plus at all dispenser sumps and only at the submersible sumps for tanks 4 & 5 (tank #6 has an existing submersible sump sensor).

(f) Corrosion Protection being used:

Tank:

Piping: (TK # 4, 6) - (Installing) Fiberglass Non-Corrosive

(g) Spill containment devices, piping, and dispenser 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.sfm.illinois.gov or by calling (217)785-1020.

(5) SPECIAL CONTINGENCIES: See permit #00615-2014UPG for further information regarding this job. This proposed fueling operation as currently designed is considered a bulk load out operation. Tank #5 is being converted to 99% bio-diesel fuel. The fuel from tank #5 is pumped out of the tank via a short above ground piping run to an above ground programmable metering device. A tanker truck with 100% diesel fuel arrives and the bio-diesel fuel from tank #5 is

pumped into the tanker truck to blend the required percentage to create the bio-blend fuel; hence, this is considered a bulk load out. Once the fuel is blended in the tanker truck, it is then dropped into tanks #4 & #6 for dispensing to the fuel islands. Therefore, since this is considered a bulk load out operation, an adequate separation barrier must be constructed to separate the dispensing operation from the bulk load out activity area per definition of bulk storage (174.100), and section 174.310, and more specifically 174.320(a) and (b).

(6) PERSON, FIRM OR COMPANY PERFORMING WORK:

Neumayer Equipment Company, Inc.
5060 Arsenal Street
Saint Louis, MO 63139

Contact Person: Rick McKay
Phone: (314) 772-4501

Contractor Registration # IL-1502 Exp. 03/26/2016

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)