



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 # 6035858
Permit # 01101-2021UPG
Request Rec'd 09/27/2021
Amended Date
Approval Date 9/27/2021 DS
Permit Expires 3/29/2022

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.

<p>(1) OWNER OF TANKS - Corporation, partnership, or other business entity:</p> <p>Mac's Convenience Stores, LLC 550 Warrenville Rd., Suite 400 Lisle, IL 60532 Contact: Ralitsa Valkanova (919) 986-6149</p>	<p>(2) FACILITY - name and address where tanks are located:</p> <p>Circle K #1594 301 Salem Place Fairview Heights, IL 62208 Contact: Robin Spears (812) 379-9227</p>
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(3) **UPGRADE OR REPAIR OF TANKS:**

- (a) *Number and size of tanks being upgraded or repaired: (TK # 3) - 12,000*
- (b) *Type of tanks:*
- (c) *Type of piping: (TK # 3) Piping - Partial Flexible Double Wall OPW Flexworks to accomodate new dispenser sump , (TK # 3) Piping - Shear Valves , (TK # 3) Piping - Flex Connector Steel*
- (d) *Product to be stored in each tank: (TK # 3) - Diesel Fuel*
- (e) *Type of leak detection being used:*
 - Tank:*
 - Piping: (TK # 3) Leak Detect - Piping - Non-Discriminating Sump Sensor with positive shutdown in new dispenser sump*
- (f) *Corrosion Protection being used:*
 - Tank:*
 - Piping:*
- (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 :**

Saw cut and demo a 2' wide trench from the front side of the store (NW corner) to between dispenser #9/10 and 11/12. Dig a larger area for a sump. This is 166' of 2' wide trench, 4' x 15' trench from dispenser #11/12 and a 6' x 12' area for the new island.
Blow the diesel fuel out of the line and back into the tank.
Furnish and set a new dispenser sump 1.5" higher than existing grade (islandless) with shear valve, flex hose and bulkhead fittings.
Electrician to run wires from the electric room, thru the store to the front corner, install a trough on the exterior of the store then run 3 - 3/4" conduits to the new sump and loop a conduit from the new sump to the sump for dispenser #11/12 for a sump sensor. Pull in Beldon 2 conductor shielded cable and power wires..

Install sump sensors in these two (2) sumps.

At the Veeder Root ATG console furnish and install an 8 input relay module and program the ATG for the sump sensors. Also at the Veeder Root console furnish and install input and output modules so the STP's will shut down if a sump sensor goes into alarm per the ILOFSM rules.

At dispenser #11/12 install a "T" in the diesel line between the shear valve and the main line "T", run this line out of this sump and to the new sump. Program the Veeder Root accordingly.

Water test both UDC sumps and air test the new product line.

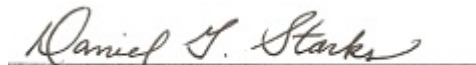
Furnish and set four (4) 4" pipe bollards around the new sump.

(6) PERSON, FIRM OR COMPANY PERFORMING WORK:

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

Contact Person: Jimmy Spiros
Phone: (314) 772-4501
Contractor Registration # IL1502 Exp. 3/26/2022

Sincerely,



Daniel Starks

cc: Storage Tank Safety Specialist
Division File