



**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 # 5017315
Permit # 00139-2022UPG
Request Rec'd 11/23/2021
Amended Date
Approval Date 2/16/2022 DS
Permit Expires 8/16/2022

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</p> <p>Contact: Elizabeth Patterson (984) 389-1765</p>	<p>(2) FACILITY - name and address where tanks are located:</p> <p>Circle K #4701325 413 Ohren Lane Litchfield, IL 62056</p> <p>Contact: Elizabeth Patterson (984) 389-1765</p>
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(3) UPGRADE OR REPAIR OF TANKS:

- (a) Number and size of tanks being upgraded or repaired: (TK # 6) - 10,000*
- (b) Type of tanks:*
- (c) Type of piping: (TK # 6) Piping - Other Submersible Pump, (TK # 6) Piping - Ball Valves*
- (d) Product to be stored in each tank: (TK # 6) - Gasoline - Premium*
- (e) Type of leak detection being used:*
 - Tank:*
 - Piping: (TK # 6) Leak Detect - Piping - Electronic Pressurized Line Leak Detection, (TK # 6) Leak Detect - Piping - Non-Discriminating Sump Sensor with positive shutdown*
- (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** : 3. Saw cut and remove concrete from around the Premium STP manway and for a 75' long trench over to the building
4. Excavate down around the STP sump opening and the trench for new conduit run for sump sensor.
 5. Install new conduit run from the Veeder Root to the premium STP sump and pull in wires for sump sensor.
 6. Install new hardware to the Veeder Root to allow for new sump sensor and positive shut off.
 7. Install new sump sensor and verify function of the sensor.
 8. Program positive shut off into the Veeder Root for the new sump sensor.
 9. Drain premium line into the tank and remove the STP unit from the piping and the tank. Save the DPLLD for

re-installation.

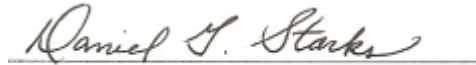
10. Install new STP unit into the tank, new ball valve, and re-install DPLLD. Reconnect to existing product piping
11. Purge the line and verify function of the STP and DPLLD.
12. Remove all existing sump entry boots and prepare sump walls for new entry boots.
13. Install new entry boots and allow them to cure.
14. Hydrostatic test the sump and fill out appropriate form. Water from test will be pumped into two (2) drums and left on site for CK to properly dispose of. If any other issue discovered with the sump to make it not pass the testing further repair or replacement will be charged for via change order.
15. Cut part of the sump opening off for installation of new retrofit lid.
16. Install new retrofit lid and allow to cure.
17. Install new back fill around the sump and in the trench, install new manway over the STP sump.
18. Drill and pin to existing concrete. Replace removed concrete and barricade around the new concrete until it has cured.

(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