



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 # 1034337
Permit # 01163-2022UPG
Request Rec'd 10/21/2022
Amended Date
Approval Date 10/21/2022 DS
Permit Expires 4/21/2023

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: Mac's Convenience Stores, LLC 1100 Situs Court, Suite 100 Raleigh, NC 27606 Contact: Elizabeth Patterson (984) 389-1765	(2) FACILITY - name and address where tanks are located: Circle K 1408 1110 North Dement Road Rochelle, IL 61068 Contact: Theresa Martinez (812) 379-9227
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(3) UPGRADE OR REPAIR OF TANKS:

- (a) *Number and size of tanks being upgraded or repaired: (TK # 1) - 20,000, (TK # 2) - 12,000, (TK # 3) - 8,000*
- (b) *Type of tanks:*
- (c) *Type of piping:*
- (d) *Product to be stored in each tank: (TK # 1) - Gasoline - Regular, (TK # 2) - Gasoline - Premium, (TK # 3) - Diesel Fuel*
- (e) *Type of leak detection being used:*
 - Tank:*
 - Piping: (TK # 1, 2, 3) Leak Detect - Piping - Mechanical Pressurized Line Leak Detection*
- (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 :

10/12/22: FOUND THAT THERE WERE NO CAPACITOR CAPS WHICH ARE REQUIRED DUE TO THE WPLLD AND MECHANICAL LEAK DETECTOR HITTING AND NOT ALLOW IT TO BE SCREWED IN. REPLACED CAP WITH TRUCK STOCK. OPENED RUL SUMP AND FOUND IT WAS FULL OF WATER AND I WOULDNT BE ABLE TO DO IT TODAY. OPENED PREM SUMP AND IT WAS DRY ENOUGH THAT I COULD WORK IN IT. I FOUND THAT THE LIQUID THAT IS IN THE PREM STP SUMP IS BRINE AND IT APPEARS THAT THE TANK OR TANK BUNG IS LEAKING BRINE INTO THE SUMP WHICH IS CAUSING THE LOW LIQUID ALARM ON THE VEEDER ROOT. TOOK PICTURES AND SENT TO JOE. REMOVED WPLLD AND TUBE FROM PREM STP. REMOVED FUNCTIONAL ELEMENT AS WELL. INSTALLED CAPACITOR CAP AND THEN INSTALLED NEW FUNCTIONAL ELEMENT AND LEAK DETECTOR. I DESTROYED THE PLUG WHEN FOR THE LEAK DETECTOR TUBE WHILE TRYING TO REMOVE IT FROM THE STP HOUSING. INSTALLED TUBE AND A NEW 1/4" PLUG FOR THE OTHER STP HOUSING HOLE. INSTALLED PLUG AND THEN MADE THE WIRING CHANGES IN THE VEEDER ROOT. TESTED AND FOUND EVERYTHING IS WORKING. WILL RETURN TO FINISH.

10/14/22: PUMPED OUT TWO DRUMS OF WATER FROM THE RUL SUMP. BAGGED SITE DOWN, AND SHUT POWER OFF. REMOVED WPLLD AND INSTALLED MECHANICAL LEAK DETECTOR. INSTALLED CAPACITOR CAP, TESTED, ALL OK. OPENED GAS SIDE, BAGGED DSL SIDE. REMOVED AUTO DSL WPLLD AND INSTALLED MECHANICAL LEAK DETECTOR. HAD TO REMOVED DSL STP IN ORDER TO GET THE 2" PLUG OUT TO INSTALL THE MECHANICAL. TESTED, ALL OK. THE TRUCK DSL MOTOR IS A RED JACKET QUANTIUM AND CANNOT BE CONVERTED TO MECHANICAL LEAK DETECTION. LEFT WPLLD HOOKED UP ON TRUCK DSL MOTOR. CHANGED PUMP PROGRAMMING FOR MECHANICAL LEAK DETECTION. ALL OK.

(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. 3/26/2024

Sincerely,

A handwritten signature in cursive script that reads "Daniel G. Starks". The signature is written in dark ink and is positioned above a horizontal line.

Daniel Starks

cc: Storage Tank Safety Specialist
Division File