



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 # 7008504
Permit # 00202-2022CAT
Request Rec'd 03/02/2022
Amended Date
Approval Date 3/2/2022 DS
Permit Expires 9/2/2022

Permit for INSTALLATION, UPGRADE, or REPAIR of CATHODIC PROTECTION SYSTEM of Underground Storage Tank(s) and Piping for Petroleum and Hazardous Substances.

Permission to install, upgrade, or repair cathodic protection of underground storage tank(s) or piping is hereby granted. Such installations, upgrades, or repairs must be in complete accordance with acceptable materials and procedures 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. A required job schedule for cathodic protection upgrade of underground storage tank(s) and piping must be submitted 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.**

<p>(1) <u>OWNER OF TANKS</u> - 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) <u>FACILITY</u> - name and address where tanks are located:</p> <p>Circle K #1334 103 South 44th Street Mount Vernon, IL 62864</p> <p>Contact: Kelli Klingeman (812) 379-9227</p>
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(3) UPGRADE, OR REPAIR OF CATHODIC PROTECTION SYSTEM:

(a) *Number and size of tanks having cathodic protection installed, upgraded, or repaired: (TK # 1, 4) - 12,000, (TK # 2, 3) - 10,000*

(b) *Type of tanks:*

(c) *Type of piping:*

(d) *Product to be stored in each tank: (TK # 1) - Gasoline - Premium, (TK # 2, 3) - Gasoline - Regular, (TK # 4) - Diesel Fuel*

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

Tank:

Piping:

(f) *Corrosion Protection being used:*

Tank: (TK # 1, 2, 3, 4) Corrosion Prot - Tank - Sacrificial Anode Cathodic Protection

Piping: (TK # 1, 2, 3, 4) Corrosion Prot - Piping - Sacrificial Anode Flex Connector

(g) *NACE certified designer:*

(h) *Method of integrity assessment of tank(s) being used:*

(4) The owner must notify this Office when completion of cathodic protection upgrade has occurred, on the Notification for Underground Storage Tank Form and the licensed contractor must submit the required job schedule for cathodic protection upgrade to the OSFM prior to the work being performed. Both forms can be obtained at www.sfm.illinois.gov or by calling 2177851020.

(5) **SPECIAL CONTINGENCIES** : Install four 20 pound high potential magnesium anodes on each of the Blue 2 and gold tanks at 5' spacing, 1' below tank bottom, through a mini test station and bonding to their PP2 2 wires. Install three 5-pound high potential magnesium anodes through a sac test station on the diesel STP flexible connector (2) and two 5-pound high potential magnesium anodes through a sac test station on the Blue 1 siphon connector.

(6) **The owner must notify this Office when completion of tank abandonment has occurred, on the Notification for Underground Storage Tank Form. This form can be obtained at www.sfm.illinois.gov or by calling (217)785-1020.**

(7) PERSON, FIRM OR COMPANY PERFORMING WORK:

Tanknology

Contact Person: Linda Przydzial

880 Church Road
Elgin, IL 60123

Phone: (847) 888-4836
Contractor Registration # IL2089 Exp. 2/23/2024

Sincerely,



Daniel Starks

cc: Storage Tank Safety Specialist
Division File