



OFFICE OF THE ILLINOIS STATE FIRE MARSHAL
Division of Technical Services
1035 Stevenson Drive
Springfield, Illinois 62703-4259
(217)524-7605

FOR OFFICE USE ONLY
Facility # 2-012722
Permit # 00785-2011CAT
Request Rec'd 08/18/2011
Amended Date
Approval Date 8/18/2011 JC
Permit Expires 2/18/2012

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.**

(1) OWNER OF TANKS - Corporation, partnership, or other business entity: UNP 1, Inc. 729 Charles Court Addison, IL 60101 Contact: Prina Patel (847) 372-0172	(2) FACILITY - name and address where tanks are located: Mannheim Citgo 2805 N. Mannheim Rd. Franklin Park, Cook Co., IL Contact: Prina Patel (847) 451-9229
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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, 2, 3, 4, 5) - 10,000 gallons
- (b) *Type of tanks:*
- (c) *Type of piping:*
- (d) *Product to be stored in each tank:* (TK # 1, 2, 3) - Gasoline, (TK # 4, 5) - Diesel Fuel
- (e) *Type of leak detection being used:*
Tank:
Piping:
- (f) *Corrosion Protection being used:*
Tank: (TK # 1, 2, 3, 4, 5) - (Installing) Impressed Current Cathodic Protection anodes (4) and a new section of positive cable to the north of the tank field. The new section of positive cable will splice into the existing positive cable from the existing junction box. There is an existing rectifier. Other existing impressed current anodes and cable for this system will remain as per original design (south, west, and east side branches).
Piping: (TK # 1, 2, 3, 4, 5) - (Installing) Sacrificial Anode Flex Connector anodes to any exposed steel piping / structures / flex connectors at each submersible sump only. The existing product piping runs are fiberglass.
- (g) *NACE certified designer:* *Certification number:* 3701
- (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 (217)785-1020.

(5) SPECIAL CONTINGENCIES:

(6) PERSON, FIRM OR COMPANY PERFORMING WORK: Downers Grove, IL 60515	Contact Person: Phone: Contractor Registration # Exp.
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Sincerely,

Jim Coffey

cc: Storage Tank Safety Specialist -
Fire Department -
Office Coordinator -
Division File
(Rev. - 9/10)