



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 # 2-027461
Permit # 00382-2007CAT
Request Rec'd 03/23/2007
Amended Date
Approval Date 3/26/2007 JC
Permit Expires 9/26/2007

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, Part 170. 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: The Premcor Refining Group Inc. One Valero Way, San Antonio, TX 78249-1616 Contact: Tim Mauntel (618) 255-5122	(2) FACILITY - name and address where tanks are located: Star EM Oil Co. 1080 W. Maple Avenue Mundelein, Lake Co., IL Contact: Bina George (847) 566-2171
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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) - 12,000 gallons
- (b) *Type of tanks:*
- (c) *Type of piping:* (TK # 1, 2, 3) - Existing partial single wall fiberglass at submersible sump area and dispenser sump area, (TK # 1, 2, 3) - Existing steel flex connectors, (TK # 1, 2, 3) - Existing partial single wall steel between submersible sumps and dispenser sumps
- (d) *Product to be stored in each tank:* (TK # 1) - Diesel Fuel, (TK # 2, 3) - Gasoline
- (e) *Type of leak detection being used:*
Tank:
Piping:
- (f) *Corrosion Protection being used:*
Tank:
Piping: (TK # 1, 2, 3) - (Installing) Sacrificial anodes cathodic protection for flex connectors, turbine pump risers, and other exposed metallic structures in all the submersible sumps, (TK # 1, 2, 3) - Existing partial fiberglass, (TK # 1, 2, 3) - Existing sacrificial anodes cathodic protection system, (SEE CONTINGENCIES)
- (g) *NACE certified designer:* *Certification number:* 4108
- (h) *Method of integrity assessment of tank(s) being used:* n / a: system is existing.

- (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.state.il.us/osfm or by calling (217)785-1020.

(5) SPECIAL CONTINGENCIES:

(6) PERSON, FIRM OR COMPANY PERFORMING WORK: Contact Person: Milly Morales Phone: Contractor Registration # Exp.

Sincerely,

Jim Coffey

cc: Storage Tank Safety Specialist -
Fire Department -
Office Coordinator -
Division File
(Rev. - 1/98)