



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 # 2-042053
Permit # 00619-2011INS
Request Rec'd 07/12/2011
Amended Date
Approval Date 7/12/2011 JC
Permit Expires 1/12/2012

Permit for INSTALLATION of Underground Storage Tank(s) and Piping for Petroleum and Hazardous Substances.

Permission to install underground storage tank(s) or piping is hereby granted. Such installation 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 installation of underground storage tank(s) 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: Costco Wholesale Corporation 999 Lake Drive Isaquah, WA 98027 Contact: Dennis Bock (425) 313-6048	(2) FACILITY - name and address where tanks are located: Costco Gasoline 250 N. Randall Road Lake in the Hills, McHenry Co., IL Contact: Ben Oertel (847) 854-3757
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(3) INSTALLATION OF TANKS:

- (a) Number and size of tanks being installed:** (TK # 4) - 1,500 gallons
- (b) Type of tanks:** (TK # 4) - (Installing) Fiberglass Brine Filled Double Wall Containment Solutions
- (c) Type of piping:** (TK # 4) - (Installing) Submersible Sump containment FRP, (TK # 4) - (Installing) Fiberglass Double Wall Ameron Dualoy 3000/L product piping from the submersible to tanks 1,2,3 as an additive to the fuel in those tanks. Also, see the contingencies section concerning this product piping.
- (d) Product to be stored in each tank:** (TK # 4) - Lubrizol - Fuel Additive
- (e) Type of leak detection being used:**
 - Tank:** (TK # 4) - (Installing) Automatic Tank Gauging Veeder Root TLS 350 probe only. The existing console will remain. , (TK # 4) - (Installing) Hydrostatic Reservoir Sensors Interstitial Monitoring Veeder Root TLS 350
 - Piping:** (TK # 4) - (Installing) Mechanical Pressurized Line Leak Detection FE Petro STP-MLD , (TK # 4) - (Installing) Piping Sump Sensor Interstitial Monitoring Veeder Root TLS 350 at the submersible sump only (there are existing interstitial sensors at the submersible sumps for tanks 1,2,3 according to permit #04210-2004INS). Also, see the contingencies section concerning this product piping.
- (f) Corrosion Protection being used:**
 - Tank:** (TK # 4) - (Installing) Fiberglass Non-Corrosive
 - Piping:** (TK # 4) - (Installing) Fiberglass Non-Corrosive
- (g) Spill containment devices, piping and dispenser containment devices:**
- (h) Overfill prevention devices:**

- (4) The owner must notify this Office when completion of tank installation has occurred, on the Notification for Underground Storage Tank Form and the licensed contractor must submit the required job schedule for installation 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) GENERAL REQUIREMENTS:** There shall be a minimum of two manufactured slotted or perforated observation wells of at least 4 inches in diameter, installed in each new tank field of tanks larger than 1000 gallons and one well for tanks less than 1000 gallons. A water tight containment shall be installed under all dispensers and at submersible pumps. A hydrostatic test must be performed on all containments. All steel piping for vents, risers, and fills in contact with the ground, backfill, or water shall be dielectrically wrapped or coated. A positive shut off valve shall be installed on pressurized product lines, at the submersibles, or installed at the tank for all suction piping systems. Vent piping is required to be tested from tank to grade level. All steel flex connectors in contact with ground, backfill or water shall have corrosion protection.

(6) SPECIAL CONTINGENCIES:

(7) <u>PERSON, FIRM OR COMPANY PERFORMING WORK:</u> Contact Person: Jason Reed Phone: Contractor Registration # Exp.

Sincerely,

James J. Coffey

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