



Office of the Illinois State Fire Marshal
Division of Petroleum and Chemical Safety
1035 Stevenson Drive
Springfield, IL 62703
2177851020

Extended/Amended

FOR OFFICE USE ONLY

Facility # 2043791
Permit # 00869-2019UPG
Request Rec'd 04/29/2019
Amended Date 06/11/2019 IL1
Approval Date 5/6/2019 DS
Permit Expires 5/7/2020

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) <u>OWNER OF TANKS</u> - Corporation, partnership, or other business entity: Costco Wholesale Corporation P.O. Box 35005 Seattle, WA 98124 Contact: Jay Grubb (206) 313-8100	(2) <u>FACILITY</u> - name and address where tanks are located: Costco Gasoline #348 2930 Patriot Boulevard Glenview, IL 60025 Contact: Mike Jonscher (847) 730-1003
---	--

(3) UPGRADE OR REPAIR OF TANKS:

- (a) *Number and size of tanks being upgraded or repaired: (TK # 1, 2, 3) - 20,000, (TK # 4) - 1,500*
- (b) *Type of tanks:*
- (c) *Type of piping:*
(TK # 1, 2, 3) Piping - Other submersible pump, (TK # 2, 3, 4) Piping - Fiberglass Double Wall Ameron Fiberglass Double Wall Ameron for siphon bar from new tank, new piping to tie existing premium product piping to feed the new 5 new dispensers that are going in under the installation permit and tying existing Lubrizol piping into the new tank, (TK # 3) Piping - Ball Valves, (TK # 3) Piping - Shear Valves, (TK # 3) Piping - Flex Connector Steel

NOTE: Per site drawing there will be three tanks siphoned together

- (d) *Product to be stored in each tank: (TK # 1, 2, 3) - Gasoline, (TK # 4) - Lubrizol - Fuel Additive*
- (e) *Type of leak detection being used:*

Tank:

Piping: (TK # 2, 3) Leak Detect - Piping - Siphon Bar from tank #2 to new 30,000 gasoline tank that's being installed. NOTE: Please refer to our rules pertaining to siphon bars, section 175.450 c) Siphon Bars. Siphon bars that are used to transfer petroleum and hazardous substances between tanks by means of gravity or negative atmospheric pressure shall be permitted subject to the following requirements:

- 1) The height of the tops of all tanks connected by the siphon bars shall be within 6 inches of each other;*
- 2) Piping shall meet the requirements of Section 175.420; and*
- 3) Release detection methods for tanks and piping shall be of a type approved for tanks connected by siphon bars, in accordance with Section 175.630.*

- (f) *Corrosion Protection being used:*

Tank:

Piping:

- (g) *Spill containment devices, piping, and dispenser containmnt 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 :**

Redesign. New tank on install permit will now be premium. COntverting existing premium tank into regluar and tying on to existing premium line.

Expanding existing canopy to install (5) new dispensers and islands. Installing

(2) new submersibles per tank. Installing a new 30,000 gallon tank on an install permit. Existing tank

#2 will be siphoned to the new tank. We will be tieing into the existing premium line to feed the new

dispensers. We will also be tieing into the existing aditive line to feed the new tank. **NOTE: All**

Veeder Root leak detection is existing. Per NWGLDE (national work group) the Veeder

Root TLS 450 Plus was not evaluated using manifolded tank systems. Therefore, the certification is

only applicable when there is a probe used in each tank and the siphon is broken during testing. Tests

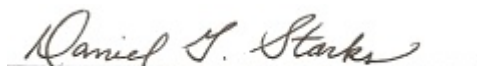
only portion of tank containing product.

(6) **PERSON, FIRM OR COMPANY PERFORMING WORK:**

Stenstrom Petroleum Services Group
2422 Center Street
Rockford, IL 61108

Contact Person: Robert Stenstrom
Phone: (815) 398-6250
Contractor Registration # IL1890 Exp. 4/12/2020

Sincerely,



Daniel Starks

cc: Storage Tank Safety Specialist
Division File