



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 # 2023271
Permit # 01413-2016UPG
Request Rec'd 11/02/2016
Amended Date
Approval Date 11/2/2016 DS
Permit Expires 5/2/2017

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.

<p>(1) <u>OWNER OF TANKS</u> - Corporation, partnership, or other business entity:</p> <p>US Department of Energy 9800 S. Cass Ave. Argonne, IL 60439 Contact: Kaushik Joshi (630) 252-4226</p>	<p>(2) <u>FACILITY</u> - name and address where tanks are located:</p> <p>Argonne National Laboratory 9700 S. Cass Ave. Argonne, IL 60439 Contact: Gregg Kulma (630) 252-9147</p>
--	--

(3) UPGRADE OR REPAIR OF TANKS:

- (a) Number and size of tanks being upgraded or repaired: (TK # 62) - 10,000*
- (b) Type of tanks:*
- (c) Type of piping: (TK # 62) Piping - Shear Valves, (TK # 62) Piping - Valves Ball Valve, (TK # 62) Piping - Flex Connector Steel*
- (d) Product to be stored in each tank: (TK # 62) - E-85*
- (e) Type of leak detection being used:*
 - Tank:*
 - Piping: (TK # 62) Leak Detect - Piping - Piping Sump Sensors Interstitial Monitoring Veeder Root TLS 350 Position sensitive sensor*
- (f) Corrosion Protection being used:*
 - Tank:*
 - Piping:*
- (g) Spill containment devices, piping, and dispenser containmnt devices:*
- (h) Overfill prevention devices: (TK # 62) Overfill Prev Device - Overfill Drop Tube Valve OPW 71SOM*
- (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 :

All work for this project is being requested by the EPA in order to change all fuel system parts that could become in contact with E-85 to parts that are compatible with E-85 per the manufacturers information

- Supply and install OPW E-85 compatible overfill valve
- Supply and install new E-85 flex connectors in dispenser sump and tank top sump
- Install new E-85 compatible shear valve under the dispenser

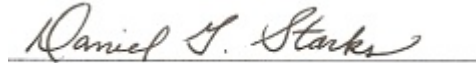
- Install new E-85 compatible leak detector in existing submersible pump
- Install new E-85 compatible Veeder Root probe and sump sensors
- Supply and install new Bravo fiberglass sump entry fittings
- Supply and install new Stainless Steel E-85 compatible ball valve in tank top piping sump NOTE: If there are not submersible and dispenser sumps present where piping is being broken ones must be installed per 175.410

(6) PERSON, FIRM OR COMPANY PERFORMING WORK:

Accurate Tank Construction
204 Poplar Place
North Aurora, IL 60542

Contact Person: Jason Reed
Phone: (630) 318-1813
Contractor Registration # IL002360 Exp. 8/28/2018

Sincerely,



Daniel Starks

cc: Storage Tank Safety Specialist
Division File