



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 # 3013262
Permit # 02254-2019UPG
Request Rec'd 11/27/2019
Amended Date
Approval Date 11/27/2019 DS
Permit Expires 5/27/2020

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.

<p>(1) <u>OWNER OF TANKS</u> - Corporation, partnership, or other business entity:</p> <p>Molo Oil Company 123 Southern Ave. Dubuque, IA 52003</p> <p>Contact: Renee Blosch (563) 557-5703</p>	<p>(2) <u>FACILITY</u> - name and address where tanks are located:</p> <p>Big 10 Mart 2220 53rd Street Moline, IL 60165</p> <p>Contact: Karen Johnston (309) 797-6080</p>
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(3) UPGRADE OR REPAIR OF TANKS:

- (a) Number and size of tanks being upgraded or repaired: (TK # 7, 8) - 12,000, (TK # 9) - 8,000*
- (b) Type of tanks:*
- (c) Type of piping: (TK # 7, 9) Piping - Flexible Double Wall A.P.T. Poly Tech P150SC from existing tanks to dispensers as shown in site plan, (TK # 7, 8, 9) Piping - Ball Valves, (TK # 7, 8, 9) Piping - Single Wall STP/Tanktop Sump, (TK # 8) Piping - Flexible Double Wall A.P.T. Poly Tech S150SC from existing tank to dispensers as shown in site plan*
- (d) Product to be stored in each tank: (TK # 7) - Gasoline - Regular, (TK # 8) - Gasoline - Mid-grade, (TK # 9) - Gasoline - Premium*
- (e) Type of leak detection being used:*
 - Tank:*
 - Piping: (TK # 7, 8, 9) Leak Detect - Piping - Non-Discriminating Sump Sensor with positive shutdown in all submersible and dispenser sumps.*
 - NOTE: Sensors must shut down the submersible pump supplying that line upon detection of a leak per 175.640 a) 1)*
- (f) Corrosion Protection being used:*
 - Tank:*
 - Piping:*
- (g) Spill containment devices, piping, and dispenser containment devices: (TK # 7, 8, 9) Spill Contain Device - Double Wall Spill Bucket*
- (h) Overfill prevention devices: (TK # 7, 8, 9) Overfill Prev Device - Overfill Drop Tube Valve*
- (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 :

The project consists of replacing the existing tank monitor with sensors, product lines, and sumps.

The tank monitor will be a Veeder Root TLS-450PLUS with positive shut down relays, sump, interstitial, and tank sensors. It will be removing the existing Incon 2001 tank monitor.

The existing submersible pumps and mechanical leak detectors will be reused.

New Franklin Fueling Defender double wall fill basin manholes and Defender Coaxial overfill valves will be installed in place of the single wall manholes. The ball floats will be removed.

New single wall tank and dispenser sumps will be installed. The dispenser sumps will have electrical offsets so no electrical will penetrate the dispensers sumps. Conduit will be modified at the islands and new sections will be run from the existing conduit to the dispenser's junction box. The plan is to use the existing wires unless damage is evident. Finally, new double wall APT flexible 1 1/2" pipe will be installed.

There will be existing back fill onsite and it will be reused to backfill around the product line.

The existing dispensers will be set on the new islands. They will be started up and the site will be put back into service after the final inspection.

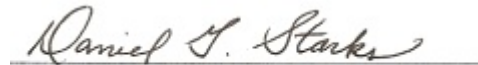
The customer will be trained on the new tank monitor.

(6) PERSON, FIRM OR COMPANY PERFORMING WORK:

Central Petroleum Equipment Company
109 Terrace Dr.
Blue Grass, IA 52726

Contact Person: Roger Clark
Phone: (563) 381-5092
Contractor Registration # IL345 Exp. 6/14/2020

Sincerely,

A handwritten signature in cursive script that reads "Daniel S. Starks". The signature is written in dark ink and is positioned above a horizontal line.

Daniel Starks

cc: Storage Tank Safety Specialist
Division File