



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 # 1028432  
Permit # 02048-2019UPG  
Request Rec'd 10/24/2019  
Amended Date  
Approval Date 10/24/2019 DS  
Permit Expires 4/24/2020

**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><b>(1) <u>OWNER OF TANKS</u></b> - Corporation, partnership, or other business entity:</p> <p>Beck Oil Company of Illinois<br/>850 E. Thompson St.<br/>Princeton, IL 61356</p> <p>Contact: Gerri Frank (815) 315-0265</p> | <p><b>(2) <u>FACILITY</u></b> - name and address where tanks are located:</p> <p>Beck's #27<br/>1302 Raymond Drive<br/>Mendota, IL 61342</p> <p>Contact: Kevin Gerard (815) 539-3300</p> |
|--|--|

**(3) UPGRADE OR REPAIR OF TANKS:**

- (a) Number and size of tanks being upgraded or repaired: (TK # 2, 3) - 12,000*
- (b) Type of tanks:*
- (c) Type of piping: (TK # 2, 3) Piping - Fiberglass Double Wall Ameron Dualoy 3000/LCX from tanks to blending sump then to master dispenser as shown in site drawing , (TK # 2, 3) Piping - Flexible Double Wall A.P.T. Poly Tech P150SC from master to satellite dispensers , (TK # 2) Piping - Ball Valves , (TK # 2) Piping - Extractor Fitting Valves , (TK # 2) Piping - Shear Valves , (TK # 2, 3) Piping - Flex Connector Steel, (TK # 2, 3) Piping - Single Wall STP/Tanktop Sump Franklin Fueling Systems 4542 Series Polyethylene*
- (d) Product to be stored in each tank: (TK # 2, 3) - B-11*
- (e) Type of leak detection being used:*

*Tank:*

*Piping: (TK # 2, 3) Leak Detect - Piping - Electronic Pressurized Line Leak Detection Incon TSLS 500 , (TK # 2, 3) Leak Detect - Piping - Non-Discriminating Sump Sensor Interstitial Monitoring Incon 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 containmnt devices: (TK # 2, 3) Spill Contain Device - Double Wall Spill Bucket Franklin Fueling Systems Defender 705*
- (h) Overfill prevention devices: (TK # 2, 3) Overfill Prev Device - Overfill Drop Tube Valve Emco Wheaton A1100 Guardian T (Testable)*
- (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](http://www.sfm.illinois.gov) or by calling (217)785-1020.

**(5) SPECIAL CONTINGENCIES :**

The diesel tanks are remaining. All tank fittings and risers will be replaced. New vents will be run from

the existing tanks to the canopy.

Two new 4 hp submersible pumps will be installed and connected to the same primary pipe going to a bio injector pump. One pump will be the master and the second will be a satellite.

The islands will be removed and replaced with new. An additional island is being added for a satellite dispenser.

The canopy deck pans and fascia will be removed. An addition will be added to cover the two north islands and new deck pans and fascia will be installed. High output lights will be installed over each island (qty 2).

With the exception of the product line running from the Master to the satellite dispensers, all pipe will be NOV Ameron LCX3000. The main feed will be 3" and it will trunk down to 2" at the islands. The Master to satellite pipe will be APT 1 1/2" XP double wall pipe. The product lines will be upgraded to Incon Evo electronic line leak detection. All tank and dispenser sumps will have non discriminating sensors installed.

An emergency stop will be installed on the building that is south of the islands.

Tank fittings: Franklin Defender series double wall manholes will be installed on the tanks. Emco Wheaton A1100 overfill restriction valves will be installed.

A new DEF tank is being installed in the vicinity of the north islands.

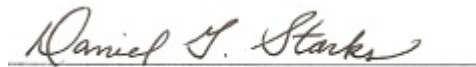
**NOTE: Piping to be removed under permit 02049-2019REM**

**(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,



Daniel Starks

cc: Storage Tank Safety Specialist  
Division File