



OFFICE OF THE ILLINOIS STATE FIRE MARSHAL  
Division of Petroleum and Chemical Safety  
1035 Stevenson Drive  
Springfield, Illinois 62703-4259  
(217)785-1020

**Amended**

**FOR OFFICE USE ONLY**

Facility # 5-001139  
Permit # 00699-2013INS  
Request Rec'd 07/23/2013  
**Amended Date 08/06/2013**  
Approval Date 7/23/2013 JC  
Permit Expires 1/23/2014

**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.**

<b>(1) OWNER OF TANKS</b> - Corporation, partnership, or other business entity:  Jay and Jack, Inc. 9379 Illinois Route 125, Beardstown, IL 62618  Contact: Sanjay Patel (217) 323-5157	<b>(2) FACILITY</b> - name and address where tanks are located:  Jay & Jack Beardstown Route 125, Springfield Road Beardstown, Cass Co., IL  Contact: Sanjay Patel (217) 323-5159
---	---

**(3) INSTALLATION OF TANKS:**

- (a) **Number and size of tanks being installed:** One compartment tank consisting of the following three: (TK # 5) - 10,000 gallons, (TK # 6) - 7,000 gallons, (TK # 7) - 3,000 gallons
- (b) **Type of tanks:** (TK # 5, 6, 7) - (Installing) Composite Double Wall Lannon
- (c) **Type of piping:** (TK # 5, 6, 7) - (Installing) Submersible Sumps containment FRP, (TK # 5, 6, 7) - (Installing) partial Chase Secondary Containment A.P.T. **from the submersible sumps to the new transition sump for tanks 5 and 7, and from the submersible sump to the diesel dispenser for tank #6 , (TK # 5, 6, 7) - (Installing) partial Flexible Double Wall A.P.T. Poly Tech P175SC from the submersible sumps for tanks 5 and 7 to the new transition sump, and then from the submersible pump for tank #6 to the diesel dispenser. , (TK # 5, #7) - (Installing) Transition Sump FRP fiberglass (one total) where the existing piping will connect to the new piping.**
- (d) **Product to be stored in each tank:** (TK # 5, 7) - Gasoline, (TK # 6) - Diesel Fuel
- (e) **Type of leak detection being used:**  
**Tank:** (TK # 5, 6, 7) - (Installing) Automatic Tank Gauging Veeder Root TLS 350 probes only (the existing console will remain) , (TK # 5, 6, 7) - (Installing) Interstitial Monitoring Veeder Root TLS 350  
**Piping:** (TK # 5, 6, 7) - (Installing) Piping Sump Sensors Interstitial Monitoring Veeder Root TLS 350 **at each submersible sump, at the one new transition sump, and at the diesel dispenser sump only** (the existing dispenser sumps will NOT have to have sensors installed unless piping work directly related to them occurs in the future) , (TK # 5, 7) - (Installing) Mechanical Pressurized Line Leak Detection FE Petro STP-MLD , (TK # 6) - (Installing) Mechanical Pressurized Line Leak Detection FE Petro STP-MLD-D
- (f) **Corrosion Protection being used:**  
**Tank:** (TK # 5, 6, 7) - (Installing) Composite Non-Corrosive  
**Piping:** (TK # 5, 6, 7) - (Installing) partial Flexible Non-Corrosive from the submersible sumps to the new transition sump for tanks 5 and 7, and from the submersible sump for tank #6 to the diesel dispenser sump. (TK # 5, 6, 7) - (Installing) Fiberglass non-corrosive chase piping from the submersible sumps to the transition sump for tanks 5 and 7, and from the submersible sump for tank #6 to the diesel dispenser.
- (g) **Spill containment devices, piping and dispenser containment devices:** (TK # 5, 6, 7) - (Installing) Manhole Pre-manufactured OPW 1-2100
- (h) **Overfill prevention devices:** (TK # 5, 6, 7) - (Installing) Overfill Drop Tube Valve OPW 61SO

(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](http://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:** Amendment request was received 08/06/13 to run the diesel piping from tank #6 straight to the diesel dispenser (see amended site plan) - there will only be one new transition sump installed for the piping coming from tank #5 and #7. A sump sensor will also be installed at the diesel dispenser. This permit replaces permit #00567-2013INS which was cancelled due to equipment problems. The only change between this permit and the previous permit is the was the tank compartments are laid out, everything else remains unchanged.

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

BMPC, Inc.  
1510 Spring Bay Road, Unit E  
East Peoria, IL 61611

Contact Person: Brian McCormick

Phone: (309) 208-5264

Contractor Registration # IL-002393 Exp. 12/12/2014

Sincerely,



Jim Coffey

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