



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 # 1047054  
 Permit # 00709-2020INS  
 Request Rec'd 05/12/2020  
 Amended Date  
 Approval Date 5/12/2020 DS  
 Permit Expires 11/13/2020

**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.**

<p><b>(1) OWNER OF TANKS</b> - Corporation, partnership, or other business entity:</p> <p>Eagle Ridge Inn &amp; Resort          PO Box 777          Galena, IL 61036</p> <p>Contact: Paul Auwerter (815) 777-5236</p>	<p><b>(2) FACILITY</b> - name and address where tanks are located:</p> <p>Eagle Ridge Inn &amp; Resort          444 Eagle Ridge Drive          Galena, IL 61036</p> <p>Contact: Mark Klausner (815) 541-3493</p>
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**(3) INSTALLATION OF TANKS:**

- (a) *Number and size of tanks being installed: (TK # 1, 2) - 2,000*
- (b) *Type of tank(s): (TK # 1, 2) Tank - Composite Double Wall Glasteel II*
- (c) *Type of piping: (TK # 1, 2) Piping - Flexible Double Wall A.P.T. Poly Tech P150SC from tanks to dispensers as shown in site plan, (TK # 1, 2) Piping - Other Steel Riser, (TK # 1, 2) Piping - Shear Valves, (TK # 1, 2) Piping - Single Wall STP/Tanktop Sump*
- (d) *Product to be stored in each tank: (TK # 1) - Gasoline - Regular, (TK # 2) - Gasoline - Premium*
- (e) *Type of leak detection being used:*
  - Tank: (TK # 1, 2) Leak Detect - Tank - Automatic Tank Gauging Veeder Root TLS 450 Plus with CSLD, (TK # 1, 2) Leak Detect - Tank - Non-Discriminating Sensors Interstitial Monitoring*
  - Piping: (TK # 1, 2) Leak Detect - Piping - Mechanical Pressurized Line Leak Detection, (TK # 1, 2) Leak Detect - Piping - Non-Discriminating Sump Sensor in submersible and dispenser sumps*
  - NOTE: Sensors must be wired for positive shut down*
- (f) *Corrosion Protection being used:*
  - Tank: (TK # 1, 2) Corrosion Prot - Tank - Jacketed Steel Non-Corrosive*
  - Piping: (TK # 1, 2) Corrosion Prot - Piping - Flexible Non-Corrosive*
- (g) *Spill containment devices, piping and dispenser containment devices: (TK # 1, 2) Spill Contain Device - Double Wall Spill Bucket*
- (h) *Overflow prevention devices: (TK # 1, 2) Overflow Prev Device - Overflow Drop Tube Valve*

(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) 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 :**

This is a new site for petroleum equipment. It will have a 4000 gallon, 2 compartment tank. Each compartment will be 2000 gallons. The tank will be a Modern Welding Glassteel II tank. The interstitial space will have an interstitial Veeder Root sensor. There will be one 4" monitoring well placed in the tank pit. The dispensers are new 1 hose per side/ 2 product dispensers. Each dispenser will have a single wall sump with Veeder Root Universal Sump Sensors. Each dispenser will have a speaker and be connected to an intercom system in the clubhouse general store. The dispensers will not have card readers.

The islands will be all concrete with a brushed finish. They are 3' wide by 5' in length. They will be protected by cut stone blocks placed at each end. The islands will be lit by an LSI LED fixture. There will be one pole with 2 lights. The tank and island areas will have surface concrete.

The product line is APT Double wall flexible pipe and the dispenser and tank sumps are APT single wall. Each sump will have a non-discriminating sensor. However, accommodations are made for positive shutdown in the event liquid is detected.

The tank monitor is a Veeder Root TLS-450 Plus. It will monitor the interstitial space, 4 qty sumps (2 tank and 2 dispenser) and will have two .1 magnetostrictive probes. The probes will have Phase 2 float kits. The tank monitor will come with CSLD. The intercom in the general store is manufactured by Esco Services.

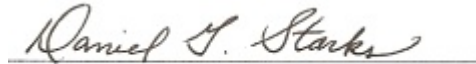
**NOTE: A motor fuel dispensing permit must be applied for asap**

**(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