



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

FOR OFFICE USE ONLY  
 Facility # 2-042924  
 Permit # 00225-2013INS  
 Request Rec'd 03/22/2013  
**Amended Date 04/11/2013**  
 Approval Date 3/25/2013 JC  
 Permit Expires 9/25/2013

## Amended

**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>Kaloco 5, Inc.        P.O. Box 1027        Morton Grove, IL 60053-1027</p> <p>Contact: Nick Gianaris</p>	<p><b>(2) FACILITY</b> - name and address where tanks are located:</p> <p>Zion Shell        4551 IL Rt. 173        Zion, Lake Co., IL</p> <p>Contact: Mohinder Singh (847) 293-3122</p>
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**(3) INSTALLATION OF TANKS:**

- (a) **Number and size of tanks being installed:** (TK # 7) - 15,000 gallons, and one compartment tank consisting of the following two: (TK # 8) - 8,000 gallons, (TK # 9) - 7,000 gallons
- (b) **Type of tanks:** (TK # 7, 8, 9) - (Installing) Fiberglass Double Wall Containment Solutions
- (c) **Type of piping:** (TK # 7, 8, 9) - (Installing) partial Fiberglass Double Wall Ameron Dualoy 3000/LCX to connect into the existing piping (**see contingencies section**).
- (d) **Product to be stored in each tank:** (TK # 7, 9) - **Gasoline**, (TK # 8) - **Diesel Fuel**
- (e) **Type of leak detection being used:**
  - Tank:** (TK # 7, 8, 9) - (Installing) Automatic Tank Gauging Veeder Root TLS 450 with CSLD , (TK # 7, 8, 9) - (Installing) Interstitial Monitoring Veeder Root TLS 450
  - Piping:** (TK # 7, 8, 9) - (Installing) Stand Alone Sensor Interstitial Monitoring Veeder Root non discriminating at the dispenser sumps only, (TK # 7, 8, 9) - (Installing) Piping Sump Sensors Interstitial Monitoring Veeder Root TLS 450 at the submersible sumps only, (TK # 7, 8) - (Installing) Mechanical Pressurized Line Leak Detection FE Petro STP-MLD , (TK # 9) - (Installing) Mechanical Pressurized Line Leak Detection FE Petro STP-MLD-D
- (f) **Corrosion Protection being used:**
  - Tank:** (TK # 7, 8, 9) - (Installing) Fiberglass Non-Corrosive
  - Piping:** (TK # 7, 8, 9) - (Installing) partial Fiberglass Non-Corrosive to connect into the existing piping (**see contingencies section**).
- (g) **Spill containment devices, piping and dispenser containment devices:** (TK # 7, 8, 9) - (Installing) Manhole Pre-manufactured OPW 1SC-2115 15 gallon.
- (h) **Overfill prevention devices:** (TK # 7, 8, 9) - (Installing) Overfill Alarm Veeder Root TLS 450 , (TK # 7, 8, 9) - (Installing) Overfill Drop Tube Valve OPW 71SO

**(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:**

<p><b>(7) <u>PERSON, FIRM OR COMPANY PERFORMING WORK:</u></b></p>	<p>Contact Person: Dan McMahon        Phone: (262) 524-8494</p> <p>Contractor Registration # IL-1171 Exp.</p>
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Sincerely,

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