



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 # 3-045298  
Permit # 00115-2013INS  
Request Rec'd 02/14/2013  
Amended Date  
Approval Date 2/14/2013 JC  
Permit Expires 8/14/2013

**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:  Caterpillar, Inc. P.O. Box 1875 Peoria, IL 61656  Contact: Dale Newton (309) 675-5975	<b>(2) FACILITY</b> - name and address where tanks are located:  Caterpillar Aircraft Division 7022 W. Middle Rd. Peoria, Peoria Co., IL  Contact: Dale Newton (309) 675-5975
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**(3) INSTALLATION OF TANKS:**

- (a) **Number and size of tanks being installed:** (TK # 1, 2) - 20,000 gallons
- (b) **Type of tanks:** (TK # 1, 2) - (Installing) Fiberglass Brine Filled Double Wall Containment Solutions
- (c) **Type of piping:** (TK # 1, 2) - (Installing) Aboveground stainless steel Piping (all piping from tanks to all fuel cabinets including remote fill piping). See also: (f) piping corrosion section, and the contingencies section.
- (d) **Product to be stored in each tank:** (TK # 1, 2) - Jet Fuel
- (e) **Type of leak detection being used:**  
**Tank:** (TK # 1, 2) - (Installing) Automatic Tank Gauging Veeder Root TLS 350 for inventory purposes only., (TK # 1, 2) - (Installing) Hydrostatic Reservoir Sensors Interstitial Monitoring Veeder Root TLS 350 Dual stage.  
**Piping:** (TK # 1, 2) - (Installing) European with No Test Req Suction from the tanks to the fuel filter / pump cabinet. From the cabinet pump, the piping will become pressurized, (TK # 1, 2) - (Installing) Aboveground Piping throughout the entire facility, to include the remote fill piping.
- (f) **Corrosion Protection being used:**  
**Tank:** (TK # 1, 2) - (Installing) Fiberglass Non-Corrosive  
**Piping:** (TK # 1, 2) - (Installing) Aboveground Piping (see contingencies section). Contractor states the piping at the tanks will have a combination of fiberglass transition piping if exposed to any native soil, and / or access sumps to address corrosion protection at these transition points.
- (g) **Spill containment devices, piping and dispenser containment devices:** (TK # 1, 2) - (Installing) Manhole Pre-manufactured Morrison 515 15 gal. above grade.
- (h) **Overfill prevention devices:**

- (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:** **Also, reference NFPA 407 regarding aircraft fueling facilities.**

<b>(7) <u>PERSON, FIRM OR COMPANY PERFORMING WORK:</u></b>      Contact Person: Chris Epkins Phone: (309) 347-1819  Contractor Registration # IL-1293 Exp.
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Sincerely,

James J. Coffey

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