



OFFICE OF THE ILLINOIS STATE FIRE MARSHAL
Division of Technical Services
1035 Stevenson Drive
Springfield, Illinois 62703-4259
(217)524-7605

FOR OFFICE USE ONLY
Facility # 2-018110
Permit # 01979-2008INS
Request Rec'd 12/03/2008
Amended Date
Approval Date 12/3/2008 DS
Permit Expires 6/3/2009

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, Part 170. 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.**

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| (1) OWNER OF TANKS - Corporation, partnership, or other business entity: Waukegan Corporate Aviation Facility 2920 West Aviation Drive, Waukegan, IL 60087 Contact: John Senter | (2) FACILITY - name and address where tanks are located: Waukegan Corporate Aviation Facility 2920 West Aviation Drive, Waukegan, Lake Co., IL Contact: John Senter |
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(3) INSTALLATION OF TANKS:

- (a) Number and size of tanks being installed:** (TK # 7, 8, 9, 10) - 20,000 gallons
- (b) Type of tanks:** (TK # 7, 8, 9, 10) - (Installing) Fiberglass Double Wall Containment Solutions
- (c) Type of piping:** (TK # 7, 8, 9, 10) - (Installing) Fiberglass Double Wall A.O. Smith product piping, and also 4" A.O. Smith Double Wall piping from remote fill to tanks.
- (d) Product to be stored in each tank:** (TK # 7, 8, 9, 10) - Jet Fuel
- (e) Type of leak detection being used:**
 - Tank:** (TK # 7, 8, 9, 10) - (Installing) Automatic Tank Gauging Pneumercator TMS 3000 , (TK # 7, 8, 9, 10) - (Installing) Interstitial Monitoring Pneumercator TMS 3000
 - Piping:** (TK # 7, 8, 9, 10) - (Installing) American with Annual Prec Line Testing Suction , (TK # 7, 8, 9, 10) - (Installing) Piping Sump Sensors Interstitial Monitoring Pneumercator TMS 3000 in all tank sumps, all transfer sumps, in all sumps below dispenser cabinets, and in remote fill sump, (TK # 7, 8, 9, 10) - (Installing) PermAlert Interstitial Monitoring cable
- (f) Corrosion Protection being used:**
 - Tank:** (TK # 7, 8, 9, 10) - (Installing) Fiberglass Non-Corrosive
 - Piping:** (TK # 7, 8, 9, 10) - (Installing) Fiberglass Non-Corrosive
- (g) Spill containment devices:** Remote fill cabinet sump to have interstitial sensors, and spill containment sumps to be installed at fills on all 4 tanks
- (h) Overfill prevention devices:** (TK # 7, 8, 9, 10) - (Installing) Overfill Alarm Pneumercator TMS 3000 , (TK # 7, 8, 9, 10) - (Installing) Overfill Drop Tube Valve Emco Wheaton A1100 Guardian

(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.state.il.us/osfm 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:

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| (7) <u>PERSON, FIRM OR COMPANY PERFORMING WORK:</u> Contact Person: Phone: Contractor Registration # IL-1736 Exp. 02/14/2009 |
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Sincerely,

Daniel G. Starks

cc: Storage Tank Safety Specialist -
Fire Department -
Office Coordinator -
Division File
(Rev. - 1/98)