



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 # 2-031293
Permit # 01238-2010INS
Request Rec'd 10/27/2010
Amended Date
Approval Date 11/1/2010 JC
Permit Expires 5/1/2011

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.**

(1) OWNER OF TANKS - Corporation, partnership, or other business entity: Siemens Industry, Inc. 950 Tollgate Rd. Elgin, IL 60123 Contact: Peter Herzhoff	(2) FACILITY - name and address where tanks are located: Siemens Industry, Inc. 950 Tollgate Road Elgin, Kane Co., IL Contact: Sieverding Franz (708) 931-1990
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(3) INSTALLATION OF TANKS:

- (a) Number and size of tanks being installed:** (TK # 3) - 10,000 gallons
- (b) Type of tanks:** (TK # 3) - (Installing) Composite Double Wall Glasteel II
- (c) Type of piping:** (TK # 3) - (Installing) Fiberglass Double Wall Ameron secondary containment piping for supply and return primary product piping, (TK # 3) - (Installing) Stainless Steel Single Wall primary product Piping (supply and return).
- (d) Product to be stored in each tank:** (TK # 3) - Hazardous Substance (Methanol)
- (e) Type of leak detection being used:**
 - Tank:** (TK # 3) - (Installing) Automatic Tank Gauging Veeder Root TLS 350 , (TK # 3) - (Installing) Interstitial Monitoring Veeder Root TLS 350
 - Piping:** (TK # 3) - (Installing) European with No Test Req Suction , (TK # 3) - (Installing) Piping Sump Sensors Interstitial Monitoring Veeder Root TLS 350 at the tank sump only.
- (f) Corrosion Protection being used:**
 - Tank:** (TK # 3) - (Installing) Composite Non-Corrosive
 - Piping:** (TK # 3) - (Installing) Fiberglass Non-Corrosive
- (g) Spill containment devices, piping and dispenser containment devices:**
- (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 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: The methanol will be used for heat treating furnaces.**

(7) <u>PERSON, FIRM OR COMPANY PERFORMING WORK:</u> Contact Person: Jim Veverka Phone: Contractor Registration # Exp.

Sincerely,

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