



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 # 7-045452
Permit # 01008-2013INS
Request Rec'd 10/03/2013
Amended Date
Approval Date 10/3/2013 DS
Permit Expires 4/3/2014

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: Southern Illinois Hospital Services 1239 E Main St Carbondale, IL 62901 Contact:	(2) FACILITY - name and address where tanks are located: Memorial Hospital of Carbondale - Energy Center 200 N Poplar Carbondale, Jackson Co., IL Contact:
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(3) INSTALLATION OF TANKS:

(a) Number and size of tanks being installed: (TK # 1) - 25,000 gallons

(b) Type of tanks: (TK # 1) - **(EXISTING)** Fiberglass Double Wall Containment Solutions

(c) Type of piping: (TK # 1) - (Installing) Flexible Double Wall A.P.T. Poly Tech P200SC return line , (TK # 1) - (Installing) Chase Secondary Containment A.P.T. Poly Tech DCT-400 , (TK # 1) - (Installing) Transition Sumps FRP fiberglass , (TK # 1) - (Installing) Flexible Double Wall A.P.T. Poly Tech P150SC supply line from tank to transition sump where piping will transfer above ground inside of building

(d) Product to be stored in each tank: (TK # 1) - Diesel Fuel

(e) Type of leak detection being used:

Tank: (TK # 1) - **(EXISTING)** Automatic Tank Gauging Incon TS 550 , (TK # 1) - **(EXISTING)** Interstitial Monitoring Incon TSP ULS

Piping: (TK # 1) - (Installing) Electronic Pressurized Line Leak Detection Incon TS LLD , (TK # 1) - (Installing) Piping Sump Sensors Interstitial Monitoring Incon TSP ULS in submersible and transition sumps

(f) Corrosion Protection being used:

Tank:

Piping: (TK # 1) - (Installing) Flexible Non-Corrosive

(g) Spill containment devices, piping and dispenser containment devices: (TK # 1) - **(EXISTING)** Manhole Pre-manufactured EBW 705

(h) Overfill prevention devices: (TK # 1) - **(EXISTING)** Overfill Drop Tube Valve EBW 705

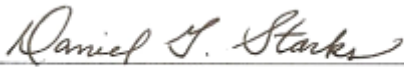
(4) The owner must notify this Office when completion of tank installation has occurred, on the Notification for Underground Storage Tank Form and the licensed contractor must submit the required job schedule for installation to the OSFM prior to the work being performed. Both forms can be obtained at 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: Tank was previously installed under permit #00853-2013INS

(7) <u>PERSON, FIRM OR COMPANY PERFORMING WORK:</u> Robert Ellis & Sons 1703 North 7th Street Murphysboro, IL 62966	Contact Person: Robert Ellis Phone: (618) 684-6026 Contractor Registration # IL-980 Exp. 03/23/2014
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Sincerely,



Daniel Starks

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