



Office of the Illinois State Fire Marshal
Division of Petroleum and Chemical Safety
1035 Stevenson Drive
Springfield, IL 62703
2177851020

FOR OFFICE USE ONLY

Facility # 7045452
Permit # 00503-2022INS
Request Rec'd 04/22/2022
Amended Date
Approval Date 5/12/2022 DS
Permit Expires 11/15/2022

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>(1) <u>OWNER OF TANKS</u> - Corporation, partnership, or other business entity:</p> <p>Southern Illinois Hospital Services 1239 East Main Street Carbondale, IL 62901</p> <p>Contact: Darin Bolen (618) 549-0721</p>	<p>(2) <u>FACILITY</u> - name and address where tanks are located:</p> <p>Memorial Hospital of Carbondale - Energy Center 200 N. Poplar Street Carbondale, IL 62901</p> <p>Contact: Dave Thompson (618) 549-0721</p>
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(3) **INSTALLATION OF TANKS:**

- (a) *Number and size of tanks being installed: (TK # 2) - 20,000*
- (b) *Type of tank(s): (TK # 2) Tank - Fiberglass Double Wall Containment Solutions*
- (c) *Type of piping: (TK # 2) Piping - Fiberglass Single Wall Piping Ameron Dualoy 3000L for vents, (TK # 2) Piping - Steel Single Wall Piping, (TK # 2) Piping - Flexible Double Wall OPW Flexworks, (TK # 2) Piping - Other Fiberglass Riser, (TK # 2) Piping - Other Steel Riser, (TK # 2) Piping - Other Submersible Pump, (TK # 2) Piping - Ball Valves, (TK # 2) Piping - Flex Connector Steel, (TK # 2) Piping - Single Wall STP/Tanktop Sump, (TK # 2) Piping - Polyethylene Chase*
- (d) *Product to be stored in each tank: (TK # 2) - Diesel Fuel*
- (e) *Type of leak detection being used:*
 - Tank: (TK # 2) Leak Detect - Tank - Automatic Tank Gauging Incon EVO 5000, (TK # 2) Leak Detect - Tank - Non-Discriminating Interstitial Monitoring Sensors*
 - Piping: (TK # 2) Leak Detect - Piping - Electronic Pressurized Line Leak Detection, (TK # 2) Leak Detect - Piping - Non-Discriminating Sump Sensor with positive shutdown*
- (f) *Corrosion Protection being used:*
 - Tank: (TK # 2) Corrosion Prot - Tank - Fiberglass Non-Corrosive*
 - Piping: (TK # 2) Corrosion Prot - Piping - Flexible Non-Corrosive*
- (g) *Spill containment devices, piping and dispenser containment devices: (TK # 2) Spill Contain Device - Single Wall Spill Bucket*
- (h) *Overfill prevention devices: (TK # 2) Overfill Prev Device - Overfill Drop Tube Valve*

(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 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** :

Installing a new 20000 gallon tank and lines for an emergency generator located at 405 W. Jackson, Carbondale, IL 62901. This address is facility # 7026515. The existing system will be removed after this new system is installed and operational. The pressurized supply and gravity return line will be installed under N. Poplar Street and has has been approved by the City of Carbondale and they will inspect the installation. All properties shown on the drawing are the property of Memorial Hospital.

NOTES: Piping will cross under a city street (Poplar) to supply an addition to the hospital. Attached is a letter from the city of Carbondale agreeing to joint liability with the hospital for the piping that crosses said street.

(6) PERSON, FIRM OR COMPANY PERFORMING WORK:

UPC Enterprises, LC d/b/a United Petroleum Service
4444 Union Blvd.
St. Louis, MO 63115

Contact Person: Terry Smith
Phone: (314) 241-3767
Contractor Registration # IL002402 Exp. 2/10/2024

Sincerely,



Daniel Starks

cc: Storage Tank Safety Specialist
Division File