

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 # 6-021614
Permit # 01202-2010INS
Request Rec'd 10/14/2010
Amended Date
Approval Date 10/21/2010 JC
Permit Expires 4/21/2011

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:	(2) <u>FACILITY</u> - name and address where tanks are located:
Knapp Oil Company, Inc. 524 Front Street, P.O. Box 215 Xenia, IL 62899	Central City Citgo 100 North Broadway Centralia, Marion Co., IL
Contact: Bill Knapp (618) 678-2211	Contact: Bill Knapp (618) 678-2211

(3) INSTALLATION OF TANKS:

- (a) Number and size of tanks being installed: One compartment tank consisting of: (TK # 7) 5,000 gallons, (TK # 8) 4,000 gallons, (TK # 9) 11,000 gallons
- (b) Type of tanks: (TK # 7, 8, 9) (Installing) Composite Double Wall Glasteel II
- (c) Type of piping: (TK # 7, 8, 9) (Installing) Partial Flexible Double Wall A.P.T. Poly Tech P150SC from tank #9 to the first northernmost existing diesel dispenser, then from tank #8 to a new transition sump where it will tie into existing product piping that goes to the existing kerosene dispenser, then from tank #7 to a new transition sump where it ties into exiting piping that travels to the first existing westernmost island, and then from tank #7 to the first existing island heading south from the tank position.
- (d) Product to be stored in each tank: (TK # 7) E-85, (TK # 8) Kerosene, (TK # 9) Diesel Fuel
- (e) Type of leak detection being used:
 - *Tank:* (TK # 7, 8, 9) (Installing) Interstitial Monitoring Veeder Root TLS 350, (TK # 7, 8, 9) (Installing) Automatic Tank Gauging Veeder Root TLS 350
 - *Piping:* (TK # 7, 8, 9) (Installing) Piping Sump Sensors Interstitial Monitoring Veeder Root TLS 350 at each new submersible sump, at both new transition sumps, at the first northernmost diesel dispenser sump, and at the first new E-85 dispenser sump that is nearest the E-85 tank. (TK # 7, 8, 9) (Installing) Electronic Pressurized Line Leak Detection Veeder Root TLS 350
- (f) Corrosion Protection being used:

Tank: (TK # 7, 8, 9) - (Installing) Composite Non-Corrosive

Piping: (TK # 7, 8, 9) - (Installing) Flexible 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 lease 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) <u>SPECIAL CONTINGENCIES</u>:

(7) PERSON, FIRM OR COMPANY PERFORMING WORK:	
	Contact Person: Phone:
	Contractor Registration # Exp.

Sincerely,

Janu J Offey

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