



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 # 3-037385
Permit # 00602-2012INS
Request Rec'd 06/21/2012
Amended Date
Approval Date 6/25/2012 JC
Permit Expires 12/25/2012

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: MKM Oil, Inc. P.O. Box 317 Gardner, IL 60424 Contact: Rick Marketti (815) 237-0100	(2) FACILITY - name and address where tanks are located: Minonk Shell Fast-N-Fresh 1311 North Carolyn Drive Minonk, Woodford Co., IL Contact: Emily Boyer (309) 432-3990
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(3) INSTALLATION OF TANKS:

- (a) **Number and size of tanks being installed:** (TK # 5) - 20,000 gallons, (TK # 6) - 8,000 gallons
- (b) **Type of tanks:** (TK # 5, 6) - (Installing) Fiberglass Double Wall XERXES
- (c) **Type of piping:** (TK # 5) - (Installing) Transition Sumps FRP fiberglass near the existing truck island where the existing truck island piping will connect to the new run of piping coming from the new biodiesel blending pump / sump , (TK # 5, 6) - (Installing) Fiberglass Double Wall Ameron Dualoy 3000/LCX coming from the biodiesel tank submersible pump to the new blending pump / for blending purposes. There will also be a flow meter installed at the blender pump. The existing piping from tanks 1 and 4 will lead into the new blender pump also. The DEF piping will lead to the existing truck islands.
- (d) **Product to be stored in each tank:** (TK # 5) - Bio-Diesel, (TK # 6) - Diesel Exhaust Fluid (Non-Regulated)
- (e) **Type of leak detection being used:**
Tank: (TK # 5, 6) - (Installing) Automatic Tank Gauging Veeder Root TLS 450 probes only (see permit #00565-2012UPG) , (TK # 5, 6) - (Installing) Interstitial Monitoring Veeder Root TLS 450 , (TK # 5, 6) - (Installing) SIR and Prec Tightness Testing Warren Rogers Assoc. Petro Network S3 Version D (see permit #00565-2012UPG).
Piping: (TK # 5, 6) - (Installing) Piping Sump Sensors Interstitial Monitoring Veeder Root TLS 450 at the submersible pump sump, at the biodiesel blending pump sump, and at the new transition sump only , (TK # 5, 6) - (Installing) Electronic Pressurized Line Leak Detection Veeder Root TLS 450 at the submersible sumps only.
- (f) **Corrosion Protection being used:**
Tank: (TK # 5, 6) - (Installing) Fiberglass Non-Corrosive
Piping: (TK # 5, 6) - (Installing) Fiberglass Non-Corrosive
- (g) **Spill containment devices, piping and dispenser containment devices:** (TK # 5, 6) - (Installing) Manhole Pre-manufactured OPW 1C-2100C-DEVVR
- (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:** For further reference see also permit #00603-2012UPG.

(7) <u>PERSON, FIRM OR COMPANY PERFORMING WORK:</u>	Contact Person: Nate Meyer Phone: (815) 398-6250 Contractor Registration # Exp. 03/07/2014
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Sincerely,



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