



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 # 2-045853  
Permit # 00327-2015INS  
Request Rec'd 04/16/2015  
Amended Date  
Approval Date 4/16/2015 DS  
Permit Expires 10/16/2015

**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.**

<b>(1) OWNER OF TANKS</b> - Corporation, partnership, or other business entity:  Murphy Oil USA, Inc. 200 East Peach Street, El Dorado, AR 71730  Contact: Harry Lewis (870) 875-7600	<b>(2) FACILITY</b> - name and address where tanks are located:  Murphy USA #7593 4000 Route 173 Zion, Lake Co., IL  Contact:
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**(3) INSTALLATION OF TANKS:**

**(a) Number and size of tanks being installed:** (TK # 1) - 20,000 gallons, (TK # 2, 4) - 8,000 gallons, (TK # 3) - 10,000 gallons

**(b) Type of tanks:** (TK # 1, 2, 3, 4) - (Installing) Fiberglass Double Wall XERXES

**(c) Type of piping:** (TK # 1, 2, 3, 4) - (Installing) Dispenser Sumps containment FRP, (TK # 1, 2, 3, 4) - (Installing) Submersible Sumps containment FRP, (TK # 1, 2, 3, 4) - (Installing) Fiberglass Double Wall Ameron Dualoy 3000/LCX

**(d) Product to be stored in each tank:** (TK # 1, 2) - Gasoline, (TK # 3) - Diesel Fuel, (TK # 4) - E-85

**(e) Type of leak detection being used:**

**Tank:** (TK # 1, 2, 3, 4) - (Installing) Automatic Tank Gauging Veeder Root TLS 450 with probes, (TK # 1, 2, 3, 4) - (Installing) Interstitial Monitoring Veeder Root TLS 450

**Piping:** (TK # 1, 2, 4) - (Installing) Mechanical Pressurized Line Leak Detection FE Petro STP-MLD, (TK # 1, 2, 3, 4) - (Installing) Piping Sump Sensors Interstitial Monitoring Veeder Root TLS 450 in all submersible and dispenser sumps, (TK # 3) - (Installing) Mechanical Pressurized Line Leak Detection FE Petro STP-MLD-D

**(f) Corrosion Protection being used:**

**Tank:** (TK # 1, 2, 3, 4) - (Installing) Fiberglass Non-Corrosive

**Piping:** (TK # 1, 2, 3, 4) - (Installing) Fiberglass Non-Corrosive

**(g) Spill containment devices, piping and dispenser containment devices:** (TK # 1, 2, 3, 4) - (Installing) Manhole Pre-manufactured Emco Wheaton A1005

**(h) Overfill prevention devices:** (TK # 1, 2, 3, 4) - (Installing) Overfill Alarm Veeder Root TLS 450

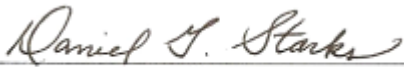
**(4) The owner must notify this Office when completion of tank installation has occurred, on the Notification for Underground Storage Tank Form and the licensed contractor must submit the required job schedule for installation to the OSFM prior to the work being performed. Both forms can be obtained at [www.sfm.illinois.gov](http://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:**

<b>(7) PERSON, FIRM OR COMPANY PERFORMING WORK:</b>  Harco Services, LLC 3271 Old Highway 41 Kennesaw, GA 30144	Contact Person: Jerry Hollis Phone: (770) 917-8846  Contractor Registration # IL-002286 Exp. 09/05/2016
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Sincerely,



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Daniel Starks

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