



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 # 2016791
Permit # 01317-2016INS
Request Rec'd 10/06/2016
Amended Date
Approval Date 10/12/2016 DS
Permit Expires 4/12/2017

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) OWNER OF TANKS - Corporation, partnership, or other business entity:</p> <p>Graham C-Stores Co. 33978 N. US Hwy 45 Gages Lake, IL 600300089 Contact: Joe Graham (847) 223-3710 Ext. 15</p>	<p>(2) FACILITY - name and address where tanks are located:</p> <p>Graham C-Stores Co. d/b/a Sugar Grove 201 North Route 47 42 West 400 Galena Boulevard Sugar Grove, IL 605549423 Contact: Wendy Gustafson (847) 223-3710 Ext. 15</p>
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(3) INSTALLATION OF TANKS:

- (a) *Number and size of tanks being installed: (TK # 7) - 4,000, (TK # 8) - 8,000*
- (b) *Type of tank(s): (TK # 7) Tank - Fiberglass Double Wall XERXES, (TK # 8) Tank - Fiberglass Double Wall Containment Solutions*
- (c) *Type of piping: (TK # 7) Piping - Steel Single Wall Piping OmegaFlex DEF-Trac flexible stainless steel with heat trace, (TK # 7, 8) Piping - Submersible Sumps Containment Solutions Single Wall Fiberglass, (TK # 7, 8) Piping - Dispenser Sumps NUPI HDPE, (TK # 8) Piping - Flexible Double Wall NUPI Smartflex, (TK # 8) Piping - Other submersible pump*
- (d) *Product to be stored in each tank: (TK # 7) - Diesel Exhaust Fluid (Non-Regulated), (TK # 8) - E-85*
- (e) *Type of leak detection being used:*
 - Tank: (TK # 7) Leak Detect - Tank - Interstitial Monitoring Veeder Root TLS 350, (TK # 7, 8) Leak Detect - Tank - Non-Discriminating Sensors Interstitial Monitoring Veeder Root TLS 350 micro sensor, (TK # 8) Leak Detect - Tank - Automatic Tank Gauging Veeder Root TLS 350*
 - Piping: (TK # 7) Leak Detect - Piping - Other Aboveground Piping, (TK # 8) Leak Detect - Piping - Electronic Pressurized Line Leak Detection Veeder Root TLS 350 PLLD leak sensors, (TK # 8) Leak Detect - Piping - Piping Sump Sensors Interstitial Monitoring Veeder Root TLS 350*
- (f) *Corrosion Protection being used:*
 - Tank: (TK # 7, 8) Corrosion Prot - Tank - Fiberglass Non-Corrosive*
 - Piping: (TK # 7, 8) Corrosion Prot - Piping - Flexible Non-Corrosive*
- (g) *Spill containment devices, piping and dispenser containment devices: (TK # 7) Spill Contain Device - Field Constructed OPW 211, (TK # 8) Spill Contain Device - Manhole Pre-manufactured Franklin Fueling Systems Defender Series #7055*
- (h) *Overfill prevention devices: (TK # 7) Overfill Prev Device - Overfill Alarm Veeder Root TLS 350, (TK # 8) Overfill Prev Device - Overfill Drop Tube Valve OPW 7ISO-410C overfill drop tube*

(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.

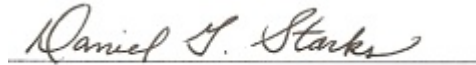
- (6) **SPECIAL CONTINGENCIES** : Installing (1) new CSI DWFRP Compartmented 12,000 gallon tank (4K DEF & 8K for 4th product, most likely E85, at a later date). 8K compartment to be filled with water until that time. Run Omega Flex DEF piping from tank to Diesel island. Running new Nupi DW Semi-rigid piping from 8K tank sump and tying in to the newly installed future 4th product piping to gas side islands that was installed under separate permit. Installing VR dry interstitial sensor, and VR alternative fuels ATG in DEF compartment that will be tied to the existing Veeder Root TLS 350. Installing Franklin Defender spill containment manholes on the 8K compartment (future E85). Installing new 2" SW Nui Semi-Rigid vent piping from both tank compartments to newly installed (future) vent lines as shown on plans.

(6) PERSON, FIRM OR COMPANY PERFORMING WORK:

Performance Tank, Inc.
730 Creel Drive
Wood Dale, IL 60191

Contact Person: Tim Berg
Phone: (630) 860-9500
Contractor Registration # IL881 Exp. 10/27/2016

Sincerely,



Daniel Starks

cc: Storage Tank Safety Specialist
Division File