



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 # 6013125
Permit # 00841-2019INS
Request Rec'd 04/29/2019
Amended Date
Approval Date 4/30/2019 DS
Permit Expires 10/30/2019

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) <u>OWNER OF TANKS</u> - Corporation, partnership, or other business entity: Kulwant & Gurdeep K. Padda 581 Wyatt Drive Saint Peters, MO 63376 Contact: Harjot S. Padda (618) 667-2514	(2) <u>FACILITY</u> - name and address where tanks are located: Carrolwood Service Center 913 Edwardsville Road Troy, IL 62294 Contact: Depa Paoda (618) 667-2514
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(3) INSTALLATION OF TANKS:

- (a) Number and size of tanks being installed: (TK # 5) - 20,000, (TK # 6, 7) - 10,000*
- (b) Type of tank(s): (TK # 5, 6, 7) Tank - Fiberglass Double Wall XERXES*
- (c) Type of piping: (TK # 5, 6, 7) Piping - Flexible Double Wall A.P.T. Poly Tech S175SC from tanks to dispensers and from remote fills to tanks, (TK # 5, 6, 7) Piping - Other submersible pump, (TK # 5, 6, 7) Piping - Ball Valves, (TK # 5, 6, 7) Piping - Shear Valves, (TK # 5, 6, 7) Piping - Flex Connector Steel, (TK # 5, 6, 7) Piping - Single Wall STP/Tanktop Sump Franklin Fueling Systems A4236-0/0-OC-S*
- (d) Product to be stored in each tank: (TK # 5) - Gasoline - Regular, (TK # 6) - Gasoline - Premium, (TK # 7) - Diesel Fuel*
- (e) Type of leak detection being used:*
 - Tank: (TK # 5, 6, 7) Leak Detect - Tank - Automatic Tank Gauging Incon TS 550 with SCALD, (TK # 5, 6, 7) Leak Detect - Tank - Interstitial Monitoring Incon TSP HFS*
 - Piping: (TK # 5, 6, 7) Leak Detect - Piping - Electronic Pressurized Line Leak Detection Incon TS-LS500E, (TK # 5, 6, 7) Leak Detect - Piping - Non-Discriminating Sump Sensor Interstitial Monitoring Incon in submersible and dispenser sumps as well as in remote fill sumps. NOTE: Sensors must shut down the submersible pump upon detection of a leak per 175.640 a) 1)*
- (f) Corrosion Protection being used:*
 - Tank: (TK # 5, 6, 7) Corrosion Prot - Tank - Fiberglass Non-Corrosive*
 - Piping: (TK # 5, 6, 7) Corrosion Prot - Piping - Flexible Non-Corrosive*
- (g) Spill containment devices, piping and dispenser containment devices: (TK # 5, 6, 7) Spill Contain Device - Single Wall Spill Bucket EBW 705 C1GKT Defender*
- (h) Overfill prevention devices: (TK # 5, 6, 7) Overfill Prev Device - Overfill Alarm Incon TS-RA1, (TK # 5, 6, 7) Overfill Prev Device - Overfill Alarm Incon TS-RK remote fill*

(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.

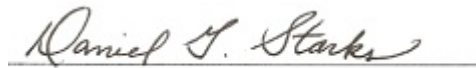
- (6) **SPECIAL CONTINGENCIES** : Installing (2) 20,000 Gal. Xerxes DW FRP Tanks ,One of the tanks is a compartment tank split 10k/10k. The tank hole will have deadmen tank anchors & (2) factory slotted observation wells. Installing a Incon TS 550 EVO system w/ printer & SCALD, MAG Probes, FMP-HFS interstitial FRP Tank sensors, TS-LS 500E electronic line leak detection , FMP-ULS Non- discriminating sump sensors, TS-RA1 Overfill Alarm & TS-RK Acknowledgement switch, Franklin Fueling TM-4236 SW fiberglass tank sumps w/ FE Petro 2hp submersibles & Ball valves. Installing APT LMM-3617 Poly Dispenser sumps, EBW 662 series double poppet sheer vales , SS Flex connector, APT XP-175-SC DW flex product piping, Ameron Single Wall FRP vent piping w/ steel riser up through the canopy columns & 4' above the canopy fascia, Pouring (6) 3' x 5' Concrete sloped islands w/ U-Shaped bumper post on each end. Installing Gilbarco Encore 700S dispensers & A 24' x 174' (6) column canopy **NOTE: Site to have remote fills with double wall piping, sensors and sloped back to tank per our rules. The drawing shows them to be in close proximity to the building, but per an email from the contractor "The remote fills are 5' off the sidewalk, we will be using Ameron 4" LCX DW FRP pipe sloping back to the tank sump where we have a sump sensor".** Using this information, the sidewalk will be 5' wide with another 5' from the sidewalk that would put the remote fills a full 10' from the building. Per our rules, section 175.445 Fill pipes shall be extended to a location outside of any building, as remote as possible from any doorway or other opening into any building, and in no case closer than 5 feet from any such opening. Remote fills are subject to approval by OSFM, on a case by case basis. Fill pipes for used oil tanks are permissible when located inside buildings, this will meet our requirements

(6) PERSON, FIRM OR COMPANY PERFORMING WORK:

Seneca Companies, Inc.
4140 East 14th Street PO Box 3360
Des Moines, IA 50313

Contact Person: Glen Davis
Phone: (816) 761-1270
Contractor Registration # IL598 Exp. 2/23/2020

Sincerely,



Daniel Starks

cc: Storage Tank Safety Specialist
Division File