



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 # 2046338
 Permit # 00200-2017INS
 Request Rec'd 02/10/2017
 Amended Date
 Approval Date 2/22/2017 DS
 Permit Expires 8/22/2017

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>Dipper Ventures 401 9th Street Northwest Suite 600 Washington, DC 20004 Contact: Brian Ellwood (847) 323-5913</p>	<p>(2) FACILITY - name and address where tanks are located:</p> <p>CH-3 Data Center 1400 Devon Elk Grove Village, IL 60007 Contact: Brian Ellwood (847) 323-5913</p>
--	--

(3) INSTALLATION OF TANKS:

- (a) *Number and size of tanks being installed: (TK # 1, 2, 3, 4) - 40,000*
- (b) *Type of tank(s): (TK # 1, 2, 3, 4) Tank - Steel Double Wall Highland Tank Titan Jacketed*
- (c) *Type of piping: (TK # 1, 2, 3, 4) Piping - Fiberglass Double Wall Ameron Dualoy 3000/L, (TK # 1, 2, 3, 4) Piping - Submersible Sumps OPW Fiberglass, (TK # 1, 2, 3, 4) Piping - Transition Sumps Bravo B-830 Series*
- (d) *Product to be stored in each tank: (TK # 1, 2, 3, 4) - #2 Fuel Oil*
- (e) *Type of leak detection being used:*
 - Tank: (TK # 1, 2, 3, 4) Leak Detect - Tank - Automatic Tank Gauging Veeder Root TLS 350 Plus, (TK # 1, 2, 3, 4) Leak Detect - Tank - Interstitial Monitoring Veeder Root TLS 350 Plus*
 - Piping: (TK # 1, 2, 3, 4) Leak Detect - Piping - Electronic Pressurized Line Leak Detection Veeder Root TLS 350 Plus, (TK # 1, 2, 3, 4) Leak Detect - Piping - Mechanical Pressurized Line Leak Detection FE Petro STP-MLD-D, (TK # 1, 2, 3, 4) Leak Detect - Piping - Piping Sump Sensors Interstitial Monitoring Veeder Root TLS 350 discriminating containment sump*
- (f) *Corrosion Protection being used:*
 - Tank: (TK # 1, 2, 3, 4) Corrosion Prot - Tank - Jacketed Steel Non-Corrosive*
 - Piping: (TK # 1, 2, 3, 4) Corrosion Prot - Piping - Fiberglass Non-Corrosive*
- (g) *Spill containment devices, piping and dispenser containment devices: (TK # 1, 2, 3, 4) Spill Contain Device - Manhole Pre-manufactured OPW 1C-2115C 15 gallon*
- (h) *Overflow prevention devices: (TK # 1, 2, 3, 4) Overflow Prev Device - Overflow Drop Tube Valve OPW 7ISO-400C, (TK # 1, 2, 3, 4) Overflow Prev Device - Overflow Alarm Veeder Root TLS 350 Plus*

(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.

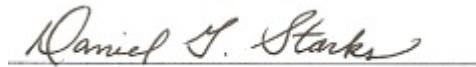
- (6) **SPECIAL CONTINGENCIES** : There are two Pressurized pumping systems. One for generators. This set of pumps will use the PLLD line leak detection. The other Pressurized pumps will be for the fuel polisher/cleaning. These pumps will use mechanical line leak detection. PLEASE SEE SCOPE OF WORK and site drawing for details on piping layout

(6) PERSON, FIRM OR COMPANY PERFORMING WORK:

J & D Mechanical Industries, Inc.
6521 Main Street, Suite A P.O. Box 113
Union, IL 60180

Contact Person: Cheryl Zielke
Phone: (815) 923-4510
Contractor Registration # IL1943 Exp. 4/26/2018

Sincerely,



Daniel Starks

cc: Storage Tank Safety Specialist
Division File