



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 # 2020312
Permit # 01930-2018UPG
Request Rec'd 12/10/2018
Amended Date
Approval Date 12/10/2018 DS
Permit Expires 6/11/2019

Permit for UPGRADE or REPAIR of Underground Storage Tank(s) and Piping for Petroleum and Hazardous Substances.

Permission to upgrade or repair underground storage tank(s) or piping is hereby granted. Such upgrade or repair 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 underground piping upgrade, leak detection, spill and overfill prevention of underground storage tank(s) to the Office of the State Fire Marshal, Division of Petroleum and Chemical Safety.

<p>(1) <u>OWNER OF TANKS</u> - Corporation, partnership, or other business entity:</p> <p>LHD, Inc. 2450 The Strand Northbrook, IL 60062 Contact: Dong Han Lee (847) 602-3736</p>	<p>(2) <u>FACILITY</u> - name and address where tanks are located:</p> <p>LHD, Inc. 812 Waukegan Rd Northbrook, IL 60062 Contact: Dong Hun Lee (847) 602-3736</p>
---	---

(3) UPGRADE OR REPAIR OF TANKS:

(a) *Number and size of tanks being upgraded or repaired: (TK # 1) - 12,000, (TK # 2, 3) - 10,000*

(b) *Type of tanks:*

(c) *Type of piping: (TK # 1, 2, 3) Piping - Flexible Double Wall OPW Pisces, (TK # 1, 2, 3) Piping - Other Aboveground Piping, (TK # 1, 2, 3) Piping - Other submersible pump, (TK # 1, 2, 3) Piping - Chase Secondary Containment OPW AXP - 4" secondary chase piping, (TK # 1) Piping - Anti-siphon Valves OPW 99ASV-2200, (TK # 1, 2, 3) Piping - Ball Valves, (TK # 1, 2, 3) Piping - Shear Valves, (TK # 1, 2, 3) Piping - Flex Connector Steel, (TK # 1, 2, 3) Piping - Single Wall Submersible (STP) Sump Bravo B-407-RB*

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

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

Tank: (TK # 1, 2, 3) Leak Detect - Tank - Automatic Tank Gauging Veeder Root TLS 450 Plus with CSLD

Piping: (TK # 1, 2, 3) Leak Detect - Piping - Electronic Pressurized Line Leak Detection Veeder Root TLS 450 Plus 8590 DPLLD, (TK # 1, 2, 3) Leak Detect - Piping - Non-Discriminating Sump Sensor Interstitial Monitoring Veeder Root in submersible and dispenser sumps. NOTE: Sensors must shut down submersible upon detection of a leak per 175.640 a) 1)

(f) *Corrosion Protection being used:*

Tank:

Piping:

(g) *Spill containment devices, piping, and dispenser containmnt devices:*

(h) *Overfill prevention devices:*

(i) *Manway accessible at grade:*

(4) The owner must notify this Office when completion of tank upgrade/repair has occurred, on the Notification for Underground Storage Tank Form and the licensed contractor must submit the required job schedule for underground piping upgrade, leak detection, spill and overfill prevention 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) **SPECIAL CONTINGENCIES** : INSTALL NEW BRAVO FIBERGLASS SUBMERSIBLE SUMPS AT TANKS, NEW FE PETRO SUBMERSIBLE, BALL VALVES, AND SENSORS AT TANKS. INSTALL NEW BRAVO FIBERGLASS DISPENSER SUMPS, OPW DOUBLE POPPET SHEAR VALVES, FLEX CONNECTORS, SENSORS AT EACH ISLAND. INSTALL NEW OPW PIECES 2" DOUBLE WALL FLEX PIPING IN OPW 4" DUAL LAYER ACCESS

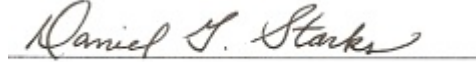
PIPE. UPGRADE EXISTING TLS-350 TO TLS-450 PLUS. INSTALL DPLLD LINE LEAK DETECTION ON TANKS # 1,2 WITH TANKS # 3 LINE MANIFLODED TO TANK # 1 WITH 65 PSI CHECK VALVE LOCATED IN SUBMERSIBLE. TANKS # 1 DPPL WILL MONIOTR RUL LINE AND BOTH SUBMERSIBLES.

(6) PERSON, FIRM OR COMPANY PERFORMING WORK:

DRW Services, Inc.
600 East Joe Orr Road
Chicago Heights, IL 60411

Contact Person: Douglas Harmon
Phone: (708) 758-3222
Contractor Registration # IL194 Exp. 3/10/2020

Sincerely,

A handwritten signature in cursive script, reading "Daniel G. Starks", is written over a horizontal line.

Daniel Starks

cc: Storage Tank Safety Specialist
Division File