



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 # 02278-2019UPG
Request Rec'd 12/04/2019
Amended Date
Approval Date 12/4/2019 DS
Permit Expires 6/4/2020

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.

(1) <u>OWNER OF TANKS</u> - Corporation, partnership, or other business entity: LHD, Inc. 2450 The Strand Northbrook, IL 60062 Contact: Dong Han Lee (847) 602-3736	(2) <u>FACILITY</u> - name and address where tanks are located: LHD, Inc. - Marathon 812 Waukegan Rd Northbrook, IL 60062 Contact: David Lee (847) 272-5136
---	---

(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 Pises from existing tanks to dispensers as shown in site plan
NOTE: Dispensers meet minimum 10' distance to building and property lines on site drawing, (TK # 1, 2, 3) Piping - Ball Valves, (TK # 1, 2, 3) Piping - Shear Valves, (TK # 1, 2, 3) Piping - Single Wall STP/Tanktop Sump, (TK # 1, 2, 3) Piping - Polyethylene Chase*

(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, (TK # 1, 2, 3) Leak Detect - Piping - Non-Discriminating Sump Sensor with positive shutdown in submersible and dispenser sumps

NOTE: Sensors must shut down the submersible pump supplying that line 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

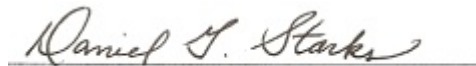
DISPENSER SUMPS, OPW DOUBLE POPPET SHEAR VALVES, FLEX CONNECTORS, SENSORS AT EACH ISLAND. INSTALL NEW OPW PIECES 2" DOUBLE WALL FLEX PIPING IN OPW 4" DUAL LAYER ACCESS PIPE. UPGRADE EXISTING TLS-350 TO TLS-450 PLUS. INSTALL DPPLD LINE LEAK DETECTION ON TANKS # 1,2 WITH TANKS # 3 LINE MANIFLODED TO TANK # 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:

Cardinal Compliance LLC
730 Creel Dr
Wood Dale, IL 601910000

Contact Person: Chris Derro
Phone: (708) 452-8620
Contractor Registration # IL002418 Exp. 3/18/2021

Sincerely,



Daniel Starks

cc: Storage Tank Safety Specialist
Division File