



**Public Protection Cabinet
Department of Housing, Buildings and Construction
Division of Fire Prevention - Hazardous Materials Section
101 Sea Hero Road, Suite 100
Frankfort, Kentucky 40601-5412
Telephone: (502) 573-1702 Fax: (502) 573-1695**

PERMIT APPLICATION TO INSTALL EMERGENCY POWER STAND-BY POWER SYSTEMS

For Office Use Only

Permit No.: _____
Amount Paid: _____

Approved By: _____
Date Approved: _____

Installation Site

Owner of Tanks

NAME OF BUSINESS/COMPANY (D/B/A)

OWNER/OPERATOR/COMPANY NAME

STREET ADDRESS

STREET ADDRESS

CITY STATE ZIP CODE

CITY STATE ZIP CODE

() TELEPHONE NUMBER COUNTY

() TELEPHONE NUMBER COUNTY

Installation Contractor

Permit Applicant

COMPANY NAME

COMPANY NAME

STREET ADDRESS

STREET ADDRESS

CITY STATE ZIP CODE

CITY STATE ZIP CODE

() TELEPHONE NUMBER () CELL NUMBER

() TELEPHONE NUMBER () CELL NUMBER

CONTACT PERSON EMAIL ADDRESS

CONTACT PERSON EMAIL ADDRESS

APPLICANT TYPE: Contractor Engineering/Consulting Firm Other: _____

OCCUPANCY TYPE: Institutional Business Assembly Educational Storage Mercantile Factory

Installation Activities To Be Completed Under This Permit (check all that apply):

- New Site Replacing an existing tank Adding new tank(s) to existing site
 Other (Specify): _____

Tank Type Codes		
01 UL 142	04 UL 2085	07 API 12D
02 UL 80	05 ASME	08 API 12F
03 UL 2080	06 API 650	09 Other

NOTE: Tank type codes can be located on the data plate of the tank.

1. Tank Information -

NOTE: Tank numbers shall correspond with the indicated tank numbers on the accompanying site plan.

TANK #1:

Tank Capacity: _____ Gallons Vertical Horizontal Tank Type Code: _____

Tank Dimensions: Length _____ ft. Diameter/Height _____ ft. Width (*rectangular tanks only*) _____ ft.

Product Content in Tank: _____ Diameter of Emergency Vent: _____ inches

Fill Connection Diameter: _____ inches Diameter of Working Vent: _____ inches

- a. From the tank, what are the distances to nearest important buildings? _____ ft.
- b. From the tank, what are the distances to property lines? _____ ft.
- c. Will the tank be near any L.P. containers? Yes No If yes, how far away will they be? _____ ft.
- d. What type of spillage control facilities will be used? Double-Wall Tank Dike
- e. If a containment dike is to be utilized, what is the proposed capacity? _____ gallons

TANK #2:

Tank Capacity: _____ Gallons Vertical Horizontal Tank Type Code: _____

Tank Dimensions: Length _____ ft. Diameter/Height _____ ft. Width (*rectangular tanks only*) _____ ft.

Product Content in Tank: _____ Diameter of Emergency Vent: _____ inches

Fill Connection Diameter: _____ inches Diameter of Working Vent: _____ inches

- a. From the tank, what are the distances to nearest important buildings? _____ ft.
- b. From the tank, what are the distances to property lines? _____ ft.
- c. Will the tank be near any L.P. containers? Yes No If yes, how far away will they be? _____ ft.
- d. What type of spillage control facilities will be used? Double-Wall Tank Dike
- e. If a containment dike is to be utilized, what is the proposed capacity? _____ gallons

TANK #3:

Tank Capacity: _____ Gallons Vertical Horizontal Tank Type Code: _____

Tank Dimensions: Length _____ ft. Diameter/Height _____ ft. Width (*rectangular tanks only*) _____ ft.

Product Content in Tank: _____ Diameter of Emergency Vent: _____ inches

Fill Connection Diameter: _____ inches Diameter of Working Vent: _____ inches

- a. From the tank, what are the distances to nearest important buildings? _____ ft.
- b. From the tank, what are the distances to property lines? _____ ft.
- c. Will the tank be near any L.P. containers? Yes No If yes, how far away will they be? _____ ft.

- d. What type of spillage control facilities will be used? Double-Wall Tank Dike
- e. If a containment dike is to be utilized, what is the proposed capacity? _____ gallons

TANK #4:

Tank Capacity: _____ Gallons Vertical Horizontal Tank Type Code: _____

Tank Dimensions: Length _____ ft. Diameter/Height _____ ft. Width (*rectangular tanks only*) _____ ft.

Product Content in Tank: _____ Diameter of Emergency Vent: _____ inches

Fill Connection Diameter: _____ inches Diameter of Working Vent: _____ inches

- a. From the tank, what are the distances to nearest important buildings? _____ ft.
- b. From the tank, what are the distances to property lines? _____ ft.
- c. Will the tank be near any L.P. containers? Yes No If yes, how far away will they be? _____ ft.
- d. What type of spillage control facilities will be used? Double-Wall Tank Dike
- e. If a containment dike is to be utilized, what is the proposed capacity? _____ gallons

2. Installation Information

Answer all questions. Integral base tank installations need only answer numbers 1-6

1. What is the configuration of the fuel tank(s) to be installed? Integral Base Tank Supply Tank for Day Tank
 Dedicated Fuel Tank Enclosed Fuel Tank (Indoor) Day Tank
2. Will the proposed tank(s) be used for supplying fuel for other equipment? Yes No If yes, will the draw down level be limited so that the quantity of fuel necessary for the required run time of the Emergency Power Stand-by System (EPSS) is guaranteed to be available? Yes No
3. Will a low-fuel sensing switch be provided for the main fuel supply tank? Yes No
4. Indicate method of leak detection to be provided for double-walled tanks:
 electronic monitoring float/sight-glass Other _____
5. Indicate method(s) of tank overfill prevention:
 Fill connection/positive shutoff High level alarm Other _____
6. Will a remote stop switch for the engine will be provided as required by code: Yes No
7. Will an anti-siphon device be provided at the supply tank? Yes No
8. Will an electric solenoid valve be used on the fuel line from the supply tank or day tank? Yes No
If yes, then:
 - a. Will the solenoid valve(s) operate from battery voltage? Yes No
 - b. Will the solenoid valves be equipped with manual operation? Yes No
 - c. Will a manual bypass valve and piping be provided in lieu of item **b** above? Yes No
9. Will the fuel return line(s) between the day tank and supply tank be properly sized for proper fuel flow, free of traps and without valves, as required by code? Yes No
10. Will the day tank and the fuel return line on diesel systems be installed below the engine fuel return elevation, as required by code?
 Yes No
11. Will a listed day tank be provided that is equipped with a duplex set of pumps, one of which will be dedicated to returning fuel to the supply tank? Yes No
12. Will fuel tanks inside buildings be restricted to 660 gallons of diesel and/or 25 gallons of gasoline?
 Yes No N/A
13. Indicate type of product line materials to be utilized?
 Black Iron Approved Flexible Fiberglass Reinforced Piping (FRP) Copper Stainless Steel

Fee Schedule

Installation plan review fee of \$100.00 for the first tank and \$50.00 for each additional tank is required for this specialized review. Piping system plan review fee is \$100.00 (piping system includes valves, fill pipes, vents, leak detection, spill and overfill prevention, cathodic protection or associated components). **The applicable required fee shall accompany your application for permit. Failure to submit the applicable permitting fee will delay processing of application.** All checks and money orders shall be made payable to the "Kentucky State Treasurer". The name and location of the project shall be indicated on checks or money orders. All electrical installations shall be performed by a Kentucky licensed Electrician and inspected by a Kentucky Certified Electrical Inspector.

I, the undersigned, do hereby agree that this installation shall comply with all applicable requirements of the Standards of Safety (815 KAR 10:060), KRS 234.180 and all other required standards. All answers given in this application are true and accurate to the best of my knowledge.

_____ CONTRACTOR (SIGNATURE) _____ DATE

For Official Use Only
APPROVAL BY THE HAZARDOUS MATERIALS SECTION

_____ PROJECT NAME

_____ STREET ADDRESS

_____ CITY _____ COUNTY

_____ PERMIT NUMBER

This storage tank system was tested on _____ with satisfactory results. The above listed permitted installation is found to have complied with the Kentucky Standards of Safety (815 KAR 10:060) and KRS Chapter 234 (if applicable).

_____ **Hazardous Materials Field Inspector** _____ **Badge #** _____ **Date**

Comments: _____

Site Plan

A site plan showing dimensions of the area proposed to be used for the tank and/or piping, distances to the nearest property lines, distances to any tanks and the location and construction of any buildings.