



Kansas City Missouri Health Department
Air Quality Program
2400 Troost Ave, Suite 3200
Kansas City, MO 64108
Phone: (816) 513-6314 Fax: (816) 513-6290

EMERGENCY GENERATOR PERMIT APPLICATION

Facilities with Emergency Generators (EGs) over 185 kW within the City of Kansas City, Missouri, **must** submit an application for a permit to the Kansas City Health Department's Air Quality Program. Facilities are required to receive a valid permit **prior** to adding or replacing Emergency Generators at their facility.

Emergency Generators are **only** allowed to operate during emergency situations and for short periods of time to perform maintenance and operational readiness testing. An emergency situation occurs when electrical power from the local utility is interrupted.

Application Process

To prevent a delay in the permit application process, the following must be completed in its entirety prior to submittal.

1. Complete two original copies of *Permit To Construct or Modify An Air Containment Source Application* (Form 5300-043, Rev 08/09).
 - Application must be submitted/printed on yellow paper.
2. Submit detailed specifications of the proposed emission source(s).
 - Specifications shall include potential emissions and "maximum design rate" of the equipment.
3. All applications **must** be signed by either an owner, Vice President, facility manager, or other official deemed responsible for the permitting process.
 - Contractors are *not* authorized to sign for this permit due to the operating requirements that must be followed after installation is complete.
4. All required documents including the application must be submitted to:
Kansas City Health Department
Air Quality Program
2400 Troost Ave., Suite 3200
Kansas City, Missouri 64108
Environmental.Health@kcmo.org

Standard Operating Conditions

1. Total Usage cannot exceed 500 hours per year, per generator.
2. Voluntary operation is **not** authorized. Voluntary operation includes supplying power to remove the facility from the grid ("peak shaving") with or without a request from utility. It also includes supplying power to the grid. **Should the operation of the generator change from emergency to voluntary, the facility must notify the Department prior to the change.**
3. Each Emergency Generator shall be equipped with a non-resettable hour meter.



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4. Total annual hours of Emergency Generator usage shall be reported to the Department no later than April 1st of each year. The report must include the following:
 - Initial meter reading from January 1;
 - Final meter reading from December 31;
 - Total hours of operation for the year;
 - Fuel usage for each generator;
 - Signature from responsible party;
5. Diesel fuel shall contain no greater than 0.5% Sulfur by weight (Low Sulfur Diesel Fuel meets this requirement).
6. Maintain copies of fuel delivery bills of lading for five years.

If you have any questions, please contact the Air Quality Program at (816) 513-6314.



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**Kansas City Health Department – Air Quality Program
Emergency Generator Permit Application**

Company Name: _____ Permit Number: _____
Official use only

Company address: _____

Description of Source, Operation and Control Device: _____

Anticipated Construction Initiation Date: _____

Anticipated Construction Completion Date: _____

Authorized Person: _____ Title: _____
Please Print

Address: _____

Authorized Person: _____ Phone: _____
Signature

1. Fill out and sign two (2) yellow sheets for each permit.
2. Submit an annual estimate of process materials to be used by the proposed source.
3. As set forth in the Kansas City, Missouri Code of Ordinances, Section 8-20(b)(1)a., each company that submits an application to be issued a construction permit shall be sent an invoice for the technical review hours of any reviewer at an hourly rate of \$50.00, but in no case shall exceed \$10,000.00 for any one permit application.

DO NOT WRITE BELOW THIS LINE

Conditions of Approval

1. Kansas City, Missouri Code of Ordinance, Chapter 8, shall apply.
2. Facilities not in compliance with any portion of this permit are required to report the noncompliance to the Kansas City, Missouri Health Department's Air Quality program within 72 hours of occurrence.
3. See attached permit conditions: _____

Principal Reviewer: _____

Air Quality Program Manager: _____

Date: _____ Signature: _____

Naser Jouhari, MIS
Senior Public Health Manager
Environmental Health



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**Kansas City Health Department – Air Quality Program
 Emergency Generator Permit Application**

Facility Name: _____

Facility Address: _____

Generator Information:

Generator Serial Number			
Make			
Model			
Capacity (kW)			
Fuel Throughput (Gal/Hr)			
Fuel type			
Stack Diameter (in)			
Stack Height, from ground level (ft)			
Distance to closest property boundary (ft)			

Total electricity generating capacity on site (kW): _____

Generator Operation (Please specify): _____ Emergency only* _____ Voluntary**

Manufacturer's specification attached: _____ YES _____ NO

* Emergency Only: Emergency generators are only allowed to operate during emergency situations and for short periods of time to perform maintenance and operational readiness testing. Emergency situation occurs when electrical power from the local utility is interrupted. Usage should not exceed 500 hours annually per generator.

** Voluntary: Voluntary operation includes supplying power to remove facility from the grid with or without a request form utility ("Peak Shaving") and supplying power to the grid.

List other combustion sources and fuel type (e.g. 10 MMBTU/Hr boiler natural gas with #2 fuel oil back-up)

Note: On average, around 90% of smaller generator applications can be permitted within one (1) week, assuming complete information is provided. Larger generators used for voluntary or emergency purposes will generally require between 45 and 90 days for permit issuance. Please allow for plenty of time for this process. Critical permits may be able to receive an expedited review on case by case basis.