

Kansas City Air Quality  
**EMERGENCY GENERATOR (EGs) PERMIT**

Facilities with emergency generators (EGs) over 185 kW within the city limits of Kansas City, Missouri, **MUST** submit this permit to the Kansas City Air Quality Program. Owners/operators are required to receive permits **PRIOR** to adding or replacing emergency generators to 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 electric power from the local utility is interrupted.

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**Standard Operating Conditions for EGs:**

- Usage can not exceed 500 hours per year, per generator.
  - Voluntary operation is not authorized. Voluntary operation includes supplying power to remove the facility from the grid with or without a request from utility (“peak shaving”) and supplying power to the grid. **Should the operation of the generator change from emergency to voluntary, the Air Quality Program MUST be contacted 90 days prior to the change for a new permit.**
  - Each emergency generator shall be equipped with a non-resettable hour meter.
  - Annual hours of operation shall be reported to the Air Quality Program by April 1. These reports shall cover readings from the previous calendar year. Report format may be a letter stating the following:
    - Initial meter reading from January 1
    - Final meter reading from December 31
    - Hours of operation for the year (the difference between the initial and final readings)
    - Fuel usage for each generator
    - Signature from responsible party (owner/operator)
  - Diesel fuel shall contain no greater than 0.5% Sulfur by weight (Low Sulfur Diesel Fuel meets this requirement).
  - Maintain copies of fuel delivery bills of lading for five years.
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*Please follow these steps to ensure your permit application is processed in a timely fashion. Failure to follow these steps could delay in issuing the permit.*

1. **Complete two (2) original copies of the following application.** If at all possible, please print these on yellow paper. If submitted on anything but yellow paper, there may be a delay in processing the application.
2. **Submit detailed specifications of the proposed emission source(s).** Such specifications shall include potential emissions and “maximum design rate” of the equipment.
3. **All applications MUST be signed.** This can be from any of the following: owner, VP, facility manager, or other official deemed responsible for the permitting process. Contractors are not authorized to sign for this permit due to the operating limitations that must be followed after installation is complete.
4. **Submit all necessary documents and the application to:**  
Kansas City Health Department, Air Quality Program  
2400 Troost Ave., Suite 3200  
Kansas City, Missouri 64108

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



City of Kansas City, Missouri Health Department  
 Air Quality Program  
 2400 Troost Ave, Suite 3200, Kansas City, MO 64108  
 tel: (816) 513-6314 fax: (816) 513-6173

**KANSAS CITY MISSOURI AIR QUALITY PROGRAM  
 PERMIT TO CONSTRUCT or MODIFY AN AIR CONTAINMENT SOURCE**

Company Name: \_\_\_\_\_ Permit Number: \_\_\_\_\_  
office 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 for any one permit application.

**DO NOT WRITE BELOW THIS LINE**

CONDITIONS OF APPROVAL

- 1) Kansas City, Missouri Code of Ordinances, 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 Air Quality Program within 72 hours of occurrence.
- 3) See attached permit conditions.

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Principal Reviewer: \_\_\_\_\_

Air Quality Program Manager: \_\_\_\_\_

Date: \_\_\_\_\_ Signature: \_\_\_\_\_  
Manager of Environmental Health Services



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**KANSAS CITY MISSOURI AIR QUALITY PROGRAM**  
**Application Supplement for Electric Generators – Industrial and Large Stationary Engines**

Facility Name: \_\_\_\_\_

Facility Address: \_\_\_\_\_

Generator Information:

Generator 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 on Site electricity generating capacity (kW): \_\_\_\_\_

Generator operation (please specify): \_\_\_\_\_ Emergency Only\* \_\_\_\_\_ Voluntary\*\*

Manufacturer's specifications 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 electric 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 from utility ("peak shaving") and supplying power to the grid.

List other combustion sources and fuel type (e.g. 10mmbtu/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 a case by case basis.