Spokane Regional Clean Air Agency INFO

Emergency Generators / Engine Sets

Businesses that install **emergency generators/engine sets that are rated at or above 500 brake horsepower** are required to go through the Notice of Construction permit process and register annually with Spokane Regional Clean Air Agency (Spokane Clean Air).

Notice of Construction (NOC) & Fees

Spokane Clean Air requires that a NOC permit application be approved prior to the construction, installation, establishment, replacement or modification of air contaminant sources, emissions units or air pollution control equipment in Spokane County (Regulation I, Article V). This includes equipment associated with stationary or portable devices that emits or has the potential to emit any air contaminant, including emergency generator sets rated at or above 500 brake horsepower.

There is a NOC permit fee, based on emissions and type of equipment for emergency generator sets rated at or above 500 brake horsepower. Refer to the SRCAA fee schedule.

The approved NOC will include local operation requirements for emergency generator sets used for standby, back-up operations:

The hours of operation for expected testing/ maintenance shall be limited to the maximum allowable that will comply with state requirements (WAC 173-460.)

No limit will be placed on the emergency use hours of operation.

The hours of operation must be recorded for testing/ maintenance and emergency. Records will be reported to Spokane Clean Air annually and made available upon request.

Annual Registration & Fees

Existing and new sources of air contaminants throughout Spokane County must also register with Spokane Clean Air and are subject to annual registration fee, annual reporting of air emissions data and regular compliance inspections.

The annual registration program enables Spokane Clean Air to maintain an inventory of air contaminants. Information is also used to evaluate air pollution control strategies to attain and maintain National Ambient Air Quality Standards.

On-site Inspections

Spokane Clean Air routinely performs inspections at registered sources to verify compliance with air pollution regulations. Inspection frequency may vary depending on agency resources and priorities. Inspectors also respond to citizen complaints which may result in an inspection.

On the back is a general self-inspection checklist. Please refer to your NOC for air quality requirements specific to your equipment.

State Rules

Washington State's Air Toxic Rule: WAC 173-460 lists Diesel Engine Exhaust Particulate (DEEP) as a regulated toxic air pollutant. The 2019 rule revision establishes a small quantity emission rate of 0.54 lb/year for new sources that emit DEEP. For new sources that have the potential to emit more than 0.54 lb/year of DEEP, air modeling and/or health impact analysis must be performed to ensure the new source will meet the standards. Limits on hours of operation or increased stack height may be required.

Emergency Generator Set Self-Inspection Checklist

Date/time of inspection: _____

*This is a general Self-Inspection Checklist. Please refer to your Notice of Construction for specific air quality requirements regarding your emergency generator set.

ACTIVITY	Yes	No	Corrective Action
Maintenance: The emergency generator set is well-maintained and in good operating condition, per the Operation & Maintenance plan. • Oil change schedule (i.e., annually, every ____ hours of operation) • Air cleaners schedule (i.e., change out annually or every ____ hours of operation) • Inspect all hoses and belts, replace as necessary (i.e., annually, every ____ hours of operation)			
Exhaust stack: • No flow obstructions • No visible emissions			
Records: • Maintenance records kept, include dates and nature of maintenance • Fuel certification records kept, confirm #2 fuel oil with sulfur content of 0.05% or less			
Hours of operation, non-emergency: • Monthly total and 12-month rolling total for the last 12 consecutive months • If limit to number of hours operated, make sure to stay within the limit			
Hours of operation, emergency: • Monthly total and 12-month rolling total for the last 12 consecutive months			

Revi 09/15/2024

1610 S. Technology Blvd., Suite 101, Spokane, WA 99224 | (509) 477-4727 | SpokaneCleanAir.org

Spokane Regional Clean Air Agency