



RHODE ISLAND
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE AIR RESOURCES
235 Promenade Street, Room 330
Providence, Rhode Island 02908

26 January 2022

Daniel Kolb
Facilities Manger
A.T. Wall Company
55 Service Avenue
Warwick, RI 02886

Dear Mr. Kolb:

The Department of Environmental Management, Office of Air Resources has reviewed and approved your application for a minor source permit for an Emergency Generator to be located at 55 Service Avenue in Warwick, Rhode Island.

Enclosed is a minor source permit issued pursuant to our review of your application (Approval No. 2515).

Be advised that on May 4, 2016, the U.S. Court of Appeals for the D.C. Circuit vacated the provisions of 40 CFR 63, Subpart ZZZZ – “National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines”, which allow emergency engines to operate for up to 100 hours for emergency demand response when the Reliability Coordinator has declared an Energy Emergency Alert Level 2 or for voltage or frequency deviations of 5 percent or greater below standard voltage or frequency. Specifically, the provisions in 40 CFR 63.6640(f)(2)(ii)-(iii) were vacated. Therefore, if you plan to operate your emergency generator to address voltage or frequency deviations or in emergency demand response, you must apply for a modification to your minor source permits to allow the units to be operated in non-emergency situations.

If there are any questions concerning this permit, please contact me at 401-222-2808, extension 2777279 or by e-mail at catherine.menke@dem.ri.gov.

Sincerely,

Catherine Menke
Air Quality Specialist
Office of Air Resources

cc: Charlotte J. Head, P.E
Warwick Building Official

STATE OF RHODE ISLAND
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR RESOURCES

MINOR SOURCE PERMIT

A.T. WALL COMPANY

APPROVAL NO. 2515

Pursuant to the provisions of Air Pollution Control Permits, 250-RICR-120-05-9, this minor source permit is issued to:

A.T. Wall Company

For installation of the following emergency generator:

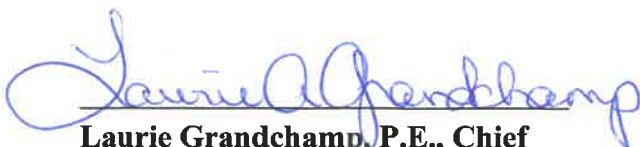
Generac Power Systems Gen. Set, Model No. SG080

128 BHP, 80 kW_e, Natural Gas-Fired Emergency Generator

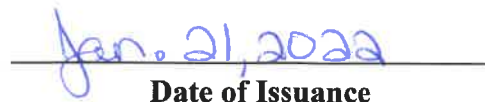
Located at: *55 Service Avenue, Warwick, RI 02886*

Outside East Side of Building

This permit shall be effective from the date of its issuance and shall remain in effect until revoked by or surrendered to the Department. This permit does not relieve *A.T. Wall Company* from compliance with applicable state and federal air pollution control rules and regulations. The design, construction and operation of this equipment shall be subject to the attached permit conditions and emission limitations.



Laurie Grandchamp, P.E., Chief
Office of Air Resources



Date of Issuance

**STATE OF RHODE ISLAND
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR RESOURCES**

Permit Conditions and Emission Limitations

A.T. WALL COMPANY

APPROVAL NO. 2515

A. Emission Limitations

1. Sulfur Dioxide

The sulfur content of any gaseous fuel burned in the emergency generator shall not exceed 10 grains total sulfur per 100 dry standard cubic feet.

2. Carbon Dioxide

The emission rate of carbon dioxide discharged to the atmosphere from the emergency generator shall not exceed 1900 lbs/MWh.

3. Visible emissions from the emergency generator shall not exceed 10% opacity except for a period or periods aggregating no more than three minutes in any one-hour. This visible emission limitation shall not apply during startup of an emergency generator. Startup shall be defined as the first ten minutes of firing following the initiation of firing.

B. Operating Requirements

1. The maximum firing rate for the emergency generator shall not exceed 954 ft³ per hour.

2. The emergency generator shall not operate more than 500 hours in any 12-month period.

3. The emergency generator shall be used only during emergencies or for maintenance or testing purposes. Emergency means an electric power outage due to a failure of the electrical grid, on-site disaster, local equipment failure, or public service emergencies such as flood, fire, or natural disaster.

4. The emergency generator shall not be operated in conjunction with any voluntary demand-reduction program or any other interruptible power supply arrangement with a utility, other market participant or system operator

C. Continuous Monitoring

1. The emergency generator shall be equipped with a non-resettable elapsed time meter to indicate, in cumulative hours, the elapsed engine operating time for the unit.

D. Recordkeeping and Reporting

1. The owner/operator shall, on a monthly basis, no later than 5 days after the first of each month, determine and record the hours of operation for the emergency generator for the previous 12-month period.
2. The owner/operator shall notify the Office of Air Resources, in writing, whenever the hours of operation in any 12-month period exceeds 500 hours for the emergency generator.
3. The owner/operator shall notify the Office of Air Resources of any anticipated noncompliance with the terms of this permit or any other applicable air pollution control rules and regulations.
4. The owner/operator shall notify the Office of Air Resources, in writing, of the date of actual start-up of the emergency generator.
5. The owner/operator shall notify the Office of Air Resources in writing of any planned physical or operational change to this emergency generator that would:
 - a. Change the representation of the facility in the application.
 - b. Alter the applicability of any state or federal air pollution rules or regulations.
 - c. Result in the violation of any terms or conditions of this permit.

Such notification shall include:

- Information describing the nature of the change.
- Information describing the effect of the change on the emission of any air contaminant.
- The scheduled completion date of the planned change.

Any such change shall be consistent with the appropriate regulation and have the prior approval of the Director.

6. The owner/operator shall notify the Office of Air Resources, in writing, of any noncompliance with the terms of this permit within 30 calendar days of becoming aware of such occurrence and supply the Director with the following information:
 - a. The name and location of the facility,
 - b. The subject source(s) that caused the noncompliance with the permit term,
 - c. The time and date of first observation of the incident of noncompliance,
 - d. The cause and expected duration of the incident of noncompliance,
 - e. The estimated rate of emissions (expressed in lbs/hr or lbs/day) during the incident and the operating data and calculations used in estimating the emission rate, and
 - f. The proposed corrective actions and schedule to correct the conditions causing the incidence of noncompliance.
7. All records required as a condition of this permit shall be maintained for a minimum of five years after the date of each record and shall be made available to representatives of the Office of Air Resources upon request.

E. Other Permit Conditions

1. To the extent consistent with the requirements of this approval and applicable Federal and State laws, the emergency generator shall be designed, constructed and operated in accordance with the representation of the equipment in the permit application.
2. Employees of the Office of Air Resources and its authorized representatives shall be allowed to enter the facility at all times for the purpose of inspecting any air pollution source, investigating any condition it believes may be causing air pollution or examining any records required to be maintained by the Office of Air Resources.
3. At all times, including periods of startup, shutdown and malfunction, the owner/operator shall, to the extent practicable, maintain and operate the emergency generator in a manner consistent with good air pollution control practice for minimizing emissions. The general duty to minimize emissions does not require you to make any further efforts to reduce emissions if levels required by this permit have been achieved. Determination of whether acceptable operating and maintenance procedures are being used will be based on information available to the Office of Air Resources which may include, but is not limited to, monitoring results, opacity observations, review of operating and maintenance procedures and inspection of the emergency generator.

4. The Office of Air Resources may reopen and revise this permit if it determines that:
 - a. a material mistake was made in establishing the operating restrictions; or,
 - b. inaccurate emission factors were used in establishing the operating restrictions; or,
 - c. emission factors have changed as a result of stack testing or emissions monitoring; or,
 - d. revisions that are necessary due to additional applicable requirements pursuant to state or federal law or from any regulatory agency.
5. The owner/operator is subject to the requirements of 40 CFR 60, Subpart A (General Provisions) and Subpart JJJJ (standards of Performance for Stationary Spark Ignition Internal Combustion Engines). Compliance with all applicable provisions therein is required.
6. The owner/operator is subject to the requirements of 40 CFR 60, Subpart A (General Provisions) and Subpart ZZZZ (National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines). Compliance with all applicable provisions therein is required.