



February 28, 2024

Ms. Amanda Neice, Environmental Engineer  
Lakeside Industries, Inc.  
PO Box 7016  
Issaquah, WA 98027

Subject: Final Nonroad Engine Permit for Portable Generator

Dear Ms. Neice:

A final determination to issue Nonroad Engine Permit (NEP) 24-3634 has been completed for NEP Application CO-1092 pursuant to Section 400-110(4) of the General Regulations for Air Pollution Sources of the Southwest Clean Air Agency (SWCAA). Public notice for NEP Application CO-1092 was published in the permit section of SWCAA's internet website on February 7, 2024. SWCAA did not receive a request for a public comment period in response to the public notice and has concluded that significant public interest does not exist for this determination. Therefore, a public comment period will not be provided for this permitting action. Electronic copies of NEP 24-3634 and the associated Technical Support Document are available for public review in the permit section of SWCAA's internet website (<http://www.swcleanair.gov/permits/adpfinal.asp>). Original copies are enclosed for your files.

This Nonroad Engine Permit may be appealed directly to the Pollution Control Hearings Board (PCHB) within 30 days of receipt as provided in RCW 43.21B.

If you have any comments, or desire additional information, please contact me or Wess Safford at (360) 574-3058, extension 126.

Sincerely,

Uri Papish  
Executive Director

UP:wls

Enclosure – NEP 24-3634 and Technical Support Document





**SWCAA**  
Southwest Clean Air Agency


**NONROAD ENGINE PERMIT  
24-3634**

**Issued: February 28, 2024**

Lakeside Industries – GenSet CAT 550  
Portable

SWCAA ID - 2801

REVIEWED BY:

  
Clinton Lamoreaux, Chief Engineer



APPROVED BY:

  
Uri Papish, Executive Director

## TABLE OF CONTENTS

<u>Section</u>	<u>Page</u>
1. Equipment/Activity Identification	1
2. Approval Conditions	1
Emission Limits	1
Operating Limits and Requirements	1
Monitoring and Recordkeeping Requirements	2
Emission Monitoring and Testing Requirements	2
Reporting Requirements	2
3. General Provisions	3

**1. Equipment/Activity Identification**

<b>ID No.</b>	<b>Equipment/Activity</b>	<b>Control Measure/Equipment</b>
1	Caterpillar 550 Generator Engine (Nonroad Engine)	Ultra-low Sulfur Diesel ( $\leq 0.0015\%$ S) EPA Tier 2

**2. Approval Conditions**

The following tables detail the specific requirements of this permit. In addition to the requirements listed below, equipment at this facility may be subject to other federal, state, and local regulations. The permit requirement number is identified in the left-hand column. The text of the permit requirement is contained in the middle column. The emission unit, equipment, or activity to which the permit requirement applies is listed in the right-hand column.

**Emission Limits**

<b>Req. No.</b>	<b>Emission Limits</b>	<b>Equipment/Activity ID No.</b>
1.	Visible emissions from the nonroad diesel engine must not exceed 10% opacity for more than 3 minutes in any one-hour period as determined in accordance with SWCAA Method 9 (See Appendix A of SWCAA 400) except during startup. For the purposes of this requirement, the startup period ends when the earlier of the following operating events occurs: (a) The engine has reached normal operating temperature; or (b) The engine has been operating for 15 minutes.	1

**Operating Limits and Requirements**

<b>Req. No.</b>	<b>Operating Limits and Requirements</b>	<b>Equipment/Activity ID No.</b>
2.	Reasonable precautions must be taken at all times to prevent and minimize fugitive emissions from plant operations.	Facility-wide
3.	The permittee must use recognized good practice and procedures to reduce odors to a reasonable minimum.	Facility-wide
4.	Each pollution control device/measure must be in use whenever the associated production equipment is in operation. Control devices must be operated and maintained in accordance with the manufacturer's specifications and operated in a manner that minimizes emissions.	1
5.	Emission units identified in this Permit must be maintained and operated in total and continuous conformity with the conditions identified in this Permit. SWCAA reserves the right to take any and all appropriate action to maintain the conditions of this Permit, including directing the facility to cease operations until corrective action can be completed.	1
6.	A nonresettable time totalizer must be maintained on the nonroad engine and used to measure hours of operation.	1

<b>Req. No.</b>	<b>Operating Limits and Requirements</b>	<b>Equipment/ Activity ID No.</b>
7.	The nonroad diesel engine must only be fired on #2 diesel or better. The sulfur content of the fuel fired in the nonroad diesel engine must not exceed 0.0015% by weight (15 ppm). A fuel certification from the fuel supplier may be used to demonstrate compliance with this requirement.	1

### Monitoring and Recordkeeping Requirements

<b>Req. No.</b>	<b>Monitoring and Recordkeeping Requirements</b>	<b>Equipment/ Activity ID No.</b>
8.	With the exception of data logged by a computerized data acquisition system, each record required by this Permit must include the date and the name of the person making the record entry. If a control device or process is not operating during a specific time period, a record must be made to that effect.	Facility-wide
9.	All records required by this Permit must be kept for a minimum period of no less than three years and must be maintained in a form readily available for inspection by SWCAA representatives.	Facility-wide
10.	All air quality related complaints, including odor complaints, received by the permittee and the results of any subsequent investigation or corrective action must be recorded for each occurrence.	Facility-wide
11.	Excess emissions and upset conditions must be recorded for each occurrence.	1
12.	The following operational information for the nonroad diesel engine must be collected, recorded at the intervals specified below, and readily available on-site for inspection: (a) Hours of operation for the nonroad engine      Recorded monthly for each worksite (b) Fuel sulfur content of nonroad engine fuel      Recorded for each fuel delivery (c) Maintenance and repair activities              Recorded for each occurrence	1

### Emission Monitoring and Testing Requirements

There are no emission monitoring or testing requirements for the approved equipment cited in this NEP.

### Reporting Requirements

<b>Req. No.</b>	<b>Reporting Requirements</b>	<b>Equipment/ Activity ID No.</b>
13.	All air quality related complaints received by the permittee must be reported to SWCAA within three days of receipt. Complaint reports must include the following information: (a) Date and time of the complaint; (b) Name of the complainant; (c) Nature of the complaint; and (d) Description of corrective action taken in response to complaint (if any).	Facility-wide

<b>Req. No.</b>	<b>Reporting Requirements</b>	<b>Equipment/ Activity ID No.</b>
14.	Excess emissions must be reported to SWCAA as follows: (a) As soon as possible, but no later than 12 hours after discovery for emissions that represent a potential threat to human health or safety; (b) As soon as possible, but no later than 48 hours after discovery for emissions which the permittee wishes to claim as unavoidable pursuant to SWCAA 400-107(1); and (c) No later than 30 days after the end of the month of discovery for all other excess emissions.	1
15.	The permittee must notify SWCAA at least 10 business days in advance of relocating approved equipment and must submit operational information (production quantities, hours of operation, location of nearest neighbor, etc.) sufficient to demonstrate that the proposed operation will comply with the emission standards for a new source, and will not cause a violation of applicable ambient air quality standards, and if in a nonattainment area, will not interfere with scheduled attainment of ambient standards.	1
16.	The following emission-related information must be reported to SWCAA by March 15 <sup>th</sup> for the previous calendar year: (a) Hours of operation for the nonroad engine for each worksite; and (b) Estimated air emissions of criteria air pollutants and volatile organic compounds.	1

### 3. General Provisions

<b>Req. No.</b>	<b>General Provisions</b>
A.	For the purpose of ensuring compliance with this NEP, duly authorized representatives of the Southwest Clean Air Agency must be permitted access to the Permittee's premises and the facilities being constructed, owned, operated and/or maintained by the Permittee for the purpose of inspecting said facilities. These inspections are required to determine the status of compliance with this NEP and applicable regulations and to perform or require such tests as may be deemed necessary.
B.	The provisions, terms, and conditions of this NEP bind the Permittee, its officers, directors, agents, servants, employees, successors and assigns, and all persons, firms, and corporations acting under or for the Permittee.
C.	The requirements of this NEP survive any transfer of ownership of the source or any portion thereof.
D.	This NEP must be posted conspicuously at or be readily available near the source.
E.	This NEP will be invalidated, in whole or in part, if construction or installation of any new or modified equipment has not commenced within eighteen (18) months from date of issuance, if construction is discontinued for a period of eighteen (18) months or more without prior SWCAA approval, or if construction is not completed within a reasonable time.

Req. No.	General Provisions
F.	This NEP does not supersede requirements of other Agencies with jurisdiction and further, this NEP does not relieve the Permittee of any requirements of any other governmental Agency. In addition to this NEP, the Permittee may be required to obtain permits or approvals from other agencies with jurisdiction.
G.	Compliance with the terms of this NEP does not relieve the Permittee from the responsibility of compliance with SWCAA General Regulations for Air Pollution Sources, previously issued Regulatory Orders, RCW 70A.15, Title 173 WAC or any other applicable emission control requirements, nor from the resulting liabilities and/or legal remedies for failure to comply.
H.	If any provision of this NEP is held to be invalid, all unaffected provisions of the NEP will remain in effect and be enforceable.
I.	No change in this NEP will be made or be effective except as may be specifically set forth by written order of the Southwest Clean Air Agency upon written application by the Permittee for the relief sought.
J.	The Southwest Clean Air Agency may, in accordance with RCW 70A.15, impose such conditions as are reasonably necessary to assure the maintenance of compliance with the terms of this NEP, the Washington Clean Air Act, and the applicable rules and regulations adopted under the Washington Clean Air Act.