



**CERTIFIED EQUIPMENT PERMIT (CEP)
(NOT A PERMIT TO CONSTRUCT OR OPERATE)**

Granted on February 3, 2021

**Legal Owner
or Operator:**

Volvo Penta of the Americas
1300 Volvo Penta Dr.
Chesapeake, VA 23320
ATTN: DANIEL KIDD

ID 134116

Equipment Location: SAME AS ABOVE

The equipment described below and as shown on the approved plans and specifications are subject to the special condition or conditions listed.

Equipment Description

Internal Combustion Engine, Volvo Penta, Model No. TWD1644GE, Diesel-Fueled, 6-Cylinder, Turbocharged and Aftercooled, Rated at 903 BHP (674 KW), Driving an Emergency Electrical Generator.

Manufacturer Condition

1. **This Certified Equipment Permit (CEP) is not a Permit to Construct or Operate.** The person constructing, installing or operating the equipment at each specific site shall obtain all necessary permit(s) to construct and permit(s) to operate and comply with any other District rules and regulations including the requirements of Regulation XIII.

End User Conditions

1. Operation of this equipment shall be in compliance with all data and specifications submitted with the application under which this permit was issued, unless otherwise noted below.
2. This equipment shall be properly maintained and kept in good operating condition at all times.
3. An operational non-resettable totalizing timer shall be installed and maintained to indicate the engine elapsed operating time.

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4. This engine shall not be operated more than 200 hours in any one year, which includes no more than 50 hours in any one year for maintenance and testing purposes and 4.2 hours in any one month for maintenance and testing purposes.
5. Operating beyond the 50 hours per year allotted for maintenance and testing purposes shall be allowed only in the event of a loss of grid power or up to 30 minutes prior to a rotating outage, provided that the utility distribution company has ordered rotating outages in the control area where the engine is located or has indicated that it expects to issue such an order at a certain time, and the engine is located in a utility service block that is subject to the rotating outage. Engine operation shall be terminated immediately after the utility distribution company advises that a rotating outage is no longer imminent or in effect.
6. This engine shall not be used as part of a demand response program using interruptible service contract in which a facility receives a payment or reduced rates in return for reducing its electric load on the grid when requested to do so by the utility or the grid operator.
7. The operator shall keep a log of engine operations documenting the total time the engine is operated each month and specific reason for operation as:
 - A. Emergency use.
 - B. Maintenance and testing.
 - C. Other (describe the reason for operating).

In addition, each time the engine is manually started, the log shall include the date of operation, the specific reason for operation, and the totalizing hour meter reading (in hours and tenths of hours) at the beginning and end of operation.

8. On or before January 15th of each year, the operator shall record in the engine operating log the following:
 - A. The total hours of operation for the previous calendar year, and
 - B. The total hours of engine operation for maintenance and testing for the previous calendar year.

Engine operating log shall be retained on site for a minimum of three calendar years and shall be made available to the Executive Officer or representative upon request.

9. This engine shall comply with all applicable requirements of Rule 431.2, Rule 1470, and Rule 1472.

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10. This engine shall comply with the NMHC, NO_x, CO, and PM emission limits to be determined at the time of issuance of the end-user permit.
11. Sulfur content of diesel fuel supplied to the engine shall not exceed 15 ppm by weight.

Please notify CJ Chang at (909) 396-3293 (cchang@aqmd.gov) when South Coast AQMD information packets are needed or if you have any questions concerning the Certification/Registration Program.

This Certified Equipment Permit is based on the plans, specifications, and data submitted as it pertains to the release of air contaminants and control measures to reduce air contaminants. No approval or opinion concerning safety and other factors in design, construction or operation of the equipment is expressed or implied.

This Certified Equipment Permit will become invalid if this application is cancelled. THIS PERMIT SHALL EXPIRE ON December 31, 2021 unless an extension is granted by the Executive Officer.

By 
GEORGE ILLES
Supervising Air Quality Engineer

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