



**San Diego County Air Pollution Control District**  
**10124 Old Grove Road, San Diego, CA 92131**  
**Phone (858) 586-2600 Fax (858) 586-2601**  
**www.sdapcd.org**

**Sectors:** 1, C  
**Site Record:** APCD2014-SITE-01692  
**Application Record:** APCD2014-APP-003555

**Permit Record:** APCD2014-PTO-002234



California Transplant Services, Inc.  
 SR VP DIRECTOR OF QA Marc Pablo  
 5845 Owens Ave  
 Carlsbad, CA 92008

**Equipment Address:**

California Transplant Services Inc  
 Marc Pablo  
 5845 Owens Avenue  
 Carlsbad, CA 92008

**PERMIT TO OPERATE**

**EXPIRES: December 31, 2024**

This permit is not valid until required fees have been paid.

The above is hereby granted a Permit To Operate the article, machine, equipment or contrivance described below. This permit is not transferable to a new owner nor is it valid for operation of the equipment at another location except as specified. This Permit To Operate or copy must be posted on or within 25 feet of the equipment, or readily available on the operating premises.

**Equipment Owner:**

California Transplant Services Inc Marc Pablo 5845 Owens Avenue, Carlsbad, CA 92008

**Equipment Description:**

Emergency standby engine: Cummins diesel engine, Model QSB7-G6 (S/N: 73285205), rated at 314 BHP, Model Year 2013, EPA Tier 4i certified Engine Family Number BCEXL06.7AAF, driving a Generator Power 194KW generator. Equipped with turbocharger, aftercooler, oxidation catalyst, and OEM diesel particulate filter.

Every person who owns or operates this equipment is required to comply with the conditions listed below and all applicable requirements and District rules, including but not limited to Rules 10, 20, 40, 50, 51.

**Fee Schedules:**

1 [34H] California Certified Emergency Standby Engine

BEC: APCD2020-CON-001721

**FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES**

1. The engine shall be operated exclusively during emergencies as defined in Rule 69.4.1 or Rule 12 or 17CCR93115 as applicable, or for maintenance and testing.
2. This engine shall not be used as a part of a non-emergency Demand Response Program (DRP). This condition shall not apply to engines operating pursuant to the rolling blackout reduction program as defined in 17 CCR 93115 and operating in accordance with 17 CCR 93115.6(c). (17 CCR 93115)
3. Engine operation for maintenance and testing purposes shall not exceed 50 hours per calendar year. (17 CCR 93115, Rule 1200, NSR)
4. This engine shall only use CARB diesel fuel. (Rule 12, Rule 69.4.1, 17 CCR 93115, 40 CFR 60 Subpart IIII)
5. Visible emissions including crank case smoke shall comply with Air Pollution Control District Rule 50. (Rule 50)
6. The equipment described above shall not cause or contribute to a public nuisance. (Rule 51)
7. This engine shall not operate for non-emergency use during the following periods, as applicable:
  - (a) whenever there is any school sponsored activity, if engine is located on school grounds or
  - (b) between 7:30am and 3:30pm on days when school is in session, if the engine is located within 500 feet of, but not on, school grounds.
 This condition shall not apply to an engine located at or near any school grounds that also serve as the students' place of residence. (17 CCR 93115)



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8. Engine operation in response to notification of an impending rotating outage shall be subject to all the following restrictions:
  - (a) the utility distribution company has ordered rotating outages in the control area where the engine is located,
  - (b) the engine is operated no more than 30 minutes prior to the time when the utility distribution company officially forecasts a rotating outage in the cited control area, and
  - (c) the engine operation is terminated immediately after the utility distribution company advises that a rotating outage is no longer in effect.This condition shall not apply to engines operating pursuant to the rolling blackout reduction program as defined in 17 CCR 93115 and operating in accordance with 17 CCR 93115.6(c). (17 CCR 93115)
9. A non-resettable engine hour meter shall be installed on this engine, maintained in good working order, and used for recording engine operation hours. If a meter is replaced, the Air Pollution Control District's Compliance Division shall be notified in writing within 10 calendar days. The written notification shall include the following information:
  - (a) old meter's hour reading,
  - (b) replacement meter's manufacturer name, model and serial number if available and current hour reading on replacement meter, and
  - (c) copy of receipt of new meter or of installation work order.A copy of the meter replacement notification shall be maintained onsite and made available to the Air Pollution Control District upon request.  
(Rule 12, Rule 69.4.1, 17 CCR 93115, 40 CFR 60 Subpart IIII, 40 CFR 63 Subpart ZZZZ)
10. The engine shall be equipped with a permanently installed continuously-operated monitor that measures the backpressure between the engine and diesel particulate filter. This monitor shall be capable of displaying the backpressure between the engine and the diesel particulate filter in one of the following ways:
  - (a) the monitor shall be connected to a permanently installed display that shows the backpressure between the engine and diesel particulate filter,Or
  - (b) the monitor shall be capable of downloading backpressure data to a computer or other device that can display the backpressure data. This data shall be downloaded at least once per month in which the engine operates and be made available upon District request.  
[17 CCR 93115, 40 CFR 60 Subpart IIII]
11. The engine shall be equipped with a device that alerts the owner or operator prior to the high backpressure limit being reached. (17 CCR 93115, 40 CFR 60 Subpart IIII)
12. All process equipment shall be maintained and operated so that there is no leakage of air contaminants to the atmosphere prior to their treatment in the air pollution control system if vented to the air pollution control system.
13. The owner or operator of this engine shall install, configure, operate, and maintain this engine and control device, if any, according to the manufacturer's emission-related written instructions. The owner or operator may change only those emission-related settings that are permitted by the manufacturer. The periodic maintenance shall be conducted at least once each calendar year. (Rule 12, Rule 69.4.1, 40 CFR 60 Subpart IIII)
14. The owner or operator of the engine shall maintain the following records on site for at least the same period of time as the engine to which the records apply is located at the site:
  - (a) documentation shall be maintained identifying the fuel as CARB diesel, and
  - (b) manual of recommended maintenance provided by the manufacturer.(Rule 12, Rule 69.4.1, 17 CCR 93115, 40 CFR 60 Subpart IIII)





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15. The owner or operator of this engine shall conduct periodic maintenance of the engine and add-on control equipment, if any, as recommended by the engine and control equipment manufacturers or as specified by the engine servicing company's maintenance procedures. Maintenance shall be conducted at least once each calendar year, and shall include, but is not limited to, the following:
- 1) Change oil and filter, or test in accordance with the requirements of 40 CFR §63.6625(i) or (j);
  - 2) Inspect and clean air filters, replacing as necessary; and
  - 3) Inspect all hoses and belts, replacing as necessary.
- Documentation of oil and filter changes or copies of the oil test analysis shall be kept on site and made available upon request. If testing in accordance with 40 CFR §63.6625(i) or (j), the oil analysis program must analyze the Total Base Number, viscosity and percent water content (for compression ignition engines) and the Total Acid Number, viscosity and percent water content (for spark ignited engines). If all of these condemning limits are not exceeded, the engine owner or operator is not required to change the oil. If any of the limits are exceeded, the engine owner or operator must change the oil within 2 business days of receiving the results of the analysis; if the engine is not in operation when the results of the analysis are received, the engine owner or operator must change the oil within 2 business days or before commencing operation, whichever is later. The owner or operator must keep records of the parameters that are analyzed as part of the program, the results of the analysis, and the oil changes for the engine. The analysis program must be part of the maintenance plan for the engine. (Rule 12, Rule 69.4.1, 40 CFR 63 Subpart ZZZZ)
16. The owner or operator of the engine shall maintain an operating log that contains the following records:
- (a) backpressure between the engine and diesel particulate filter recorded at least once each month in which the engine operates.
  - (b) daily records of any corrective actions taken in response to the backpressure monitor notifying the owner or operator of the high backpressure limit being approached.
- This log shall be made available to the Air Pollution Control District upon request. (17 CCR 93115, 40 CFR 60 Subpart IIII, 40 CFR 63 Subpart NESHAP ZZZZ)
17. All records required by this permit shall be maintained on site and readily available for District inspection for a minimum of 36 months from their date of creation unless otherwise indicated by the conditions of this permit. (Rule 12, Rule 69.4.1, 40 CFR 60 Subpart IIII)
18. The owner or operator of this engine shall maintain a monthly operating log containing, at a minimum, the following:
- (a) dates and elapsed times of every instance of engine operation based on actual readings of the engine hour meter; whether the operation was for maintenance and testing purposes or emergency use; and the nature of the emergency;
  - (b) if located within 500 feet of a school, the time of day of every instance of engine operation for testing and maintenance, unless the engine emits no more than 0.01 g/bhp-hr of diesel particulate matter or meets the requirements specified in 17CCR, Section 93115.13(f);
  - (c) for a total external power outage, documentation from the serving utility of an outage in the area where the engine is located; for an internal power outage, a description of what caused the failure and receipts and/or work orders for the necessary repairs; for a partial external power outage, including a low-voltage or electrical transient incident in which the external power voltage is low enough to trigger the operation of an emergency standby engine, a description of the incident;
  - (d) total cumulative hours of operation per calendar year;
  - (e) records of annual engine maintenance shall include the date the maintenance was performed and the nature of the maintenance; and
  - (f) hours of operation for all uses other than those specified above and identification of the nature of that use.
- (Rule 12, Rule 69.4.1, 17 CCR 93115, 40 CFR 60 Subpart IIII, 40 CFR 63 Subpart ZZZZ)
19. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District.
20. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.



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21. The permittee shall, upon determination of applicability and written notification by the District, comply with all applicable requirements of the Air Toxics "Hot Spots" Information and Assessment Act (California Health and Safety Code Section 44300 et seq.)