



SAN DIEGO COUNTY
AIR POLLUTION CONTROL DISTRICT
10124 Old Grove Road, San Diego, CA 92131-1649
Office: (858) 586-2600; www.sdapcd.org

Sectors: 3, K
Site Record: APCD2025-SITE-04776

Application Record: APCD2025-APP-008678



Crestwood Behavioral Health
Anthony Nguyen
520 Capital Mall #800
Sacramento, CA 95814

Crestwood Behavioral Health
Anthony Nguyen
5550 University Avenue
San Diego, CA 92105

AUTHORITY TO CONSTRUCT (Draft Version)

EXPIRES:

After examination of your Application for an Air Pollution Control District (hereinafter referred to as "the District") Authority to Construct and Permit to Operate for equipment located at the above location, the District has decided on the following actions:

Authority to Construct is granted pursuant to Rule 20 of the Air Pollution Control District Rules and Regulations for equipment to consist of:

Prime Natural Gas Linear Generator
Manufacturer: Mainspring
Model: MSE-250
S/N: TBD,
Rated: 2.15 MMBtu/hr,
Electrical output: 250kWe,
Equipped with a system that measures Air-to-fuel Ratio and an Oxidation Catalyst
Horizontal exhaust, venting through two rectangular 4.75' by 1.33' vent, 9.5 feet above ground

This Authority to Construct is issued with the following conditions:

1. Operation of this equipment shall be conducted in accordance with all data and specifications submitted with the application under which this permit is issued, unless otherwise noted below.
2. All equipment shall be kept in good operating conditions and shall be properly maintained in accordance with the manual of recommended maintenance provided by the engine manufacturer. A copy of the manufacturer's operating and maintenance manual shall be kept on site and made available to the Air Pollution Control District within 48 hours upon request.
3. There shall be no visible emissions from the exhaust stack of the air pollution control systems. [Rule 50 and 1200]
4. Particulate matter emissions shall not exceed 0.10 grain per dry standard cubic foot (0.23 grams per dry standard cubic meter) of gas. Compliance with this requirement shall be demonstrated by adherence to the filter system operation and maintenance requirements of this permit. [Rule 52]
5. This equipment shall only be fired on Public Utility Commission (PUC) quality natural gas.
6. The equipment described above shall not cause or contribute to a public nuisance. (Rule 51)
7. This equipment shall comply with the following concentration limits, corrected to 15% oxygen:
NOx: 2.5 ppmvd
CO: 12 ppmvd
VOC: 10 ppmvd

[Rule 20.2, Rule 1200]

8. This equipment shall not be operated unless its exhaust is vented to the oxidation catalyst which is in full operation, and which is in good operating condition at all times.

9. After every 12,000 hours of operation, the operator shall inspect the oxidation catalyst, as recommended by the equipment manufacturer or as specified by the equipment servicing company's maintenance procedures, and determine if it needs to be cleaned or washed.
10. The owner or operator of this equipment shall install, configure, operate, and maintain this equipment 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 20.2)

11. The owner or operator of this equipment shall install, configure, operate, and maintain this equipment 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 20.2)

12. The owner or operator of this equipment shall maintain monthly operating logs that include:
 - a) Total hours of operation;
 - b) Fuel consumption in cubic feet of gas and gallons of liquid;
 - c) Air to Fuel system faults, alarms, or any related emission control failures;
 - d) Cumulative days of operation since the oxidation catalyst was last cleaned or washed.
13. The owner or operator shall maintain all records required by this permit for a minimum of three calendar years. These records shall be maintained on the premises and made available to the District upon request.
14. Within 60 days of first operation of this equipment under this permit, the owner or operator shall demonstrate compliance with permit limits of NO_x, VOC, and CO.

A source test shall be conducted by an independent ARB approved tester or the District, at the applicant's expense, to verify emissions of NO_x, VOC and CO. Any testing not performed by the District shall be witnessed by District personnel. This testing shall be scheduled with the District no later than 30 days prior to the proposed test date, and any information requested by the District including a test protocol or information demonstrating appropriately designed facilities for source testing shall also be provided. If complying with this option, a final test report shall be provided to the District no later than 60 days after the test date.

Source test records must be maintained on site and accessible upon request to District personnel.

[Rule 1200]

15. This equipment shall be source tested once every five years from the date of the previous source test, no later than the last day of the calendar month that the test is due, to demonstrate compliance with the emission standards contained in this permit. For the purposes of this permit, a permit year is the 12-month period ending on the last day of the permit expiration month. It is the responsibility of the permittee to schedule the source test with the District. The source test shall be performed or witnessed by the District.
16. A source test protocol shall be submitted to the District for review and approval at least 30 days prior to any source test. Each test performed shall comply with the following requirements unless an alternative is approved in writing by the District:
 - a. Measurement of NO_x, CO and oxygen content of the exhaust gas shall be determined in accordance with San Diego APCD Test Method 100.
 - b. Measurement of VOC emissions shall be determined in accordance with EPA Test Methods 25A and/or 18. (if VOC testing is required).
 - c. NO_x, VOC (if applicable) and CO emission concentrations shall be calculated as an average of three subtests. The averaging period to calculate emission concentrations and to determine compliance from the results of source testing shall be at least 15 minutes and not more than 60 minutes unless otherwise specified in writing by the Air Pollution Control Officer.
 - d. Source testing shall be performed under normal operating conditions. Prior to source testing, the permittee shall provide data substantiating the normal operating load for District review and approval.
17. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District.
18. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.

19. 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.)

This Authority to Construct does not authorize operation of the above-specified equipment until written notification has been provided to the District indicating that construction (or modification) has been completed in accordance with this Authority to Construct. Upon submission of this notification, temporary Permit to Operate shall take effect and will remain in effect, unless withdrawn or modified by the District, until the equipment is inspected by the District and a revised temporary permit (Startup Authorization) is issued or a Permit to Operate is granted or denied.

This Authority to Construct shall be posted on or within 25 feet of the above described equipment or maintained readily available at all times on the operating premises.

Upon completion of construction (or modification) in accordance with this Authority to Construct, and prior to commencing operation, the applicant must complete and mail, deliver or email to apcdpermits@sdapcd.org the enclosed Construction Completion Notice to the District. After mailing, delivering or emailing the notice, the applicant may commence operation of the equipment. Operation must be in compliance with all the conditions of this Authority to Construct and applicable District Rules.

This Authority to Construct does not relieve the holder from obtaining permits or authorizations, which may be required by other governmental agencies. This Authority to Construct is not authority to exceed any applicable emission standard established by this District or any other governmental agency. This authorization is subject to cancellation if any emission standard or condition is violated.

Within 30 days after receipt of this Authority to Construct, the applicant may petition the Hearing Board for a hearing on any conditions imposed herein in accordance with Rule 25.

This Authority to Construct will expire on unless an extension is granted in writing.

This is not a Permit to Operate. Please be advised that installation or operation of this process or equipment without written authorization may be a misdemeanor subject to fines and penalties.

If you have any questions regarding this action, please contact me at () - or via email at Priscilla.Castanon@sdcounty.ca.gov.

Priscilla Castanon
Asst APC Engineer

CC: Compliance Division