



Sectors: 2, D  
Site Record: APCD1981-SITE-02607

Application Record: APCD2024-APP-008436



S&R Chevron  
1575 E Valley Py  
Escondido, CA 92027

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## **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:

Gasoline Dispensing Facility (Retail): Twelve (12) nozzles, as listed in Exhibit 1 of the Phase II Executive Order specified below, with three (3) grades per nozzle  
Phase II VRS: Assist per ARB EO VR-202  
ISD System: Compliant Veeder Root Software Version  
CAS Configuration: Vertical Position per Exhibit 2 of ARB EO VR-202  
Phase I VRS: OPW per ARB EO VR-102  
Tanks: One (1) 20,000 gallon and two (2) 10,000 gallon, gasoline, underground {manifolded underground and aboveground}

This Authority to Construct is issued with the following conditions:

1. The Phase I and Phase II vapor recovery systems specified in the equipment description of this permit, shall be installed, operated and maintained in accordance with the most recent applicable California Air Resources Board Executive Orders, Installation, Operation and Maintenance Manuals, and District Rules and Regulations. (Rules 61.3.1, 61.4.1, 61.8)
2. A copy of the California Air Resources Board Executive Orders (EO) specified in the equipment description, including the Installation, Operation and Maintenance (IOM) Manuals, or the most recent version of these EO and IOM Manuals, and this Permit to Operate shall be maintained on site at all times and made available to the District upon request. (Rules 61.3.1 and/or 61.4.1)
3. Only components certified by the California Air Resources Board (CARB) for use with the particular Phase I or Phase II vapor control system specified in the equipment description shall be installed at this facility. All components certified by CARB and installed at this facility shall be clearly identified by a permanent identification showing the manufacturer's make and model number, unless the component is specifically exempted from this requirement by CARB in writing. (Rules 61.3.1 and 61.4.1)
4. Any installation, repair, replacement or testing of the Phase I and/or Phase II systems or components specified in the equipment description shall be performed per the applicable California Air Resources Board (CARB) Executive Orders and CARB approved Installation, Operation, and Maintenance Manuals, by a technician certified as specified in Attachment K, "Certification Requirements for Technicians." These certification requirements are also applicable for removal and installation of the Phase I and/or Phase II components in the course of any required performance test. Proof of certification shall be made available to the District upon request. (Rules 61.3.1 and 61.4.1)
5. All liquid transfer lines, piping, and associated fittings shall be maintained so that there are no fugitive liquid leaks as defined by Rule 61.0(k) or fugitive vapor leaks as defined by Rule 61.0(l).

6. The Phase I and Phase II vapor recovery equipment and associated components, except for components with an allowable leak rate as specified by the most recent applicable CARB Executive Order and Certification Procedure, shall be maintained free of liquid leaks and shall be vapor tight. Components with an allowable leak rate shall operate within such rate. (Rules 61.3.1/61.3 and 61.4.1/61.4)
7. All storage tanks containing gasoline shall be equipped with a permanent submerged fill pipe, which has a discharge opening entirely submerged when the liquid level is six (6) inches above the bottom of the tank.
8. During liquid transfers involving tank trucks and trailers, the vapor return hose and gasoline hose connections shall be made in the following order:
  1. Connect the vapor return hose to the fuel delivery truck drybreak,
  2. Connect the vapor return hose to facility storage tank drybreak,
  3. Connect the gasoline hose to the facility storage tank fill pipe adaptor, and
  4. Connect the gasoline hose to the fuel delivery truck product fitting.At the end of the fuel dump, the disconnections shall be made in reverse order of the connections, i.e., (4), (3), (2), and (1), wherein the gasoline transfer hose shall be connected or disconnected only while the vapor return hose is connected and functional.
9. The Clean Air Separator (CAS) shall operate at all times, even when the facility is closed for business, unless maintenance or testing is being performed on the CAS. (Rule 61.4.1)
10. Unless maintenance or testing is being performed on the CAS, the four ball valves of the CAS shall be locked in the positions as shown in figure 2B-2 (vertical installations) or 2B-2H (horizontal installations), Exhibit 2 of the Phase II Executive Order. The handles of the ball valves shall not be removed. (Rule 61.4.1)
11. No dispensing shall be allowed when the vapor collection pump is disabled for maintenance or for any other reason. Only those nozzles affected by the disabled vapor collection pump are subject to this condition.
12. Product shall not be dispensed from any fueling point at this facility if a vapor line is disconnected and open to the atmosphere.
13. The hose assembly shall comply with the hose length specified Phase II Executive Order listed in the equipment description of this permit. (Rule 61.4)
14. The TLS Console shall be installed in a location that allows the RS232 port to be easily accessible for use at any time. No obstructions shall be placed within a radius of one foot (1') from the TLS Console. A vacant RS232 port shall always be available to electronically download complete and accurate reports. The TLS Console shall also be equipped with an operational printer (including an adequate supply of paper and toner). (Rule 61.4.1)
15. The TLS Console shall automatically prohibit the dispensing of fuel through shutdown of all the gasoline turbine pumps upon a failure alarm or TLS Console ISD System power loss. (Rule 61.4.1)
16. For ISD alarm events, the facility attendant or responsible official shall request service to address the alarm events as applicable. Only technicians certified as specified in Attachment K of this Permit to Operate shall perform installations, repairs or replacements of any vapor recovery components. The permittee shall maintain complete and accurate records relating to alarm events including all tests conducted and associated repairs on Attachment I Inspection, ISD Alarm Response, Maintenance and Repair Log, or an equivalent form. (Rules 61.4.1 and 21)
17. The permittee and/or designated service technician shall promptly record all information relating to the alarm event including but not limited to reporting timelines, tests conducted and associated repairs on Attachment I "Inspection, Maintenance and Repair Log," or an equivalent form approved by the District. The inspection, maintenance, and repair log shall be kept on site for at least three (3) years and made available to the District upon request. (Rules 61.4.1 and 21)
18. When an ISD failure alarm sounds and gasoline dispensing is terminated, the permittee and/or designated service technician shall manually re-enable the pumps (i.e., pumps manually re-enabled) but not manually clear the ISD alarm (i.e., tests manually cleared) to allow vehicle fueling to resume only if:
  - A. All required repairs and tests have been successfully conducted, and all information associated with the repairs and tests are recorded in Attachment I, the maintenance and repair log, or
  - B. The dispenser(s) associated with the problem that triggered the alarm is isolated and not operated until the required repairs are completed, and all information associated with the repairs is recorded. The time the components are isolated shall be logged immediately. (Rule 61.4.1)
19. Only a certified technician as specified in Attachment K of this Permit to Operate shall perform a "clear test after repair" (i.e. clear alarm conditions). The technician shall not perform a "clear test after repair" upon any alarm unless all repairs necessary to correct the alarm condition and/or tests as specified in Attachment A-1 of this Permit to Operate have been successfully performed and recorded in Attachment I, the maintenance and repair log. (Rules 61.4.1 and 21)
20. The ISD system shall maintain a complete electronic archive of monthly reports for a period of 12 consecutive months and an archive of daily reports for the last 365 days. (Rule 61.4.1)

21. The permittee shall perform a visual weekly inspection of all Phase I vapor recovery components as specified in Attachment I. In addition, the permittee shall verify that there is no standing gasoline or debris in the spill boxes and that the drain valves are seating properly. The permittee shall record all inspections, maintenance, repairs and any associated testing completely and accurately on Attachment I or an equivalent form.(Rule 61.3.1)
22. The permittee shall perform a visual daily inspection of all Phase II components as specified in Attachment I. Weekends and holidays may be excluded for non-retail gasoline dispensing facilities or gasoline dispensing facilities dispensing less than 750,000 gallons in any calendar year. The permittee shall record all inspections, maintenance, repairs and any associated testing completely and accurately on Attachment I or an equivalent form. (Rule 61.4.1)
23. Any Phase I and/or Phase II component, device or system identified and recorded by the permittee as not being in good condition, based on testing and/or visual inspections, or not operating properly shall be repaired, replaced, or adjusted within seven (7) calendar days of detection in a manner that will bring the facility into compliance with the applicable District Rules and Regulations and the most recent applicable CARB Executive Orders. Any Phase I and/or Phase II component or affected portion of the system that is determined to have a defect as set forth in the California Code of Regulations, Title 17, Section 94006, shall not be operated and shall be removed from service immediately. The defective component or affected portion of the system shall not be operated until the defect has been repaired or the defective component replaced such that the defect no longer exists. (Rules 61.3.1/61.3 and 61.4.1/61.4)
24. The permittee shall record monthly gasoline throughput(s) and shall make these records available to the District upon request. (Rules 61.3/61.3.1 and/or 61.4/61.4.1)
25. The dispensing rate of every grade point shall be maintained within the range of 6.0-10.0 gallons per minute (GPM). The permittee shall verify and record the maximum handheld dispensing flow rate of every grade point on a monthly basis on Attachment E, "Dispensing Flow Rate," or an equivalent form. The fueling point shall be removed from service when the dispensing rate is greater than ten (10.0) GPM or less than six (6.0) GPM. (Rules 61.4.1)
26. The tests referenced in Attachment A shall be conducted and passed at least once every calendar year within sixty (60) calendar days prior to the permit expiration date. The permittee or their agent shall report all test results completely and accurately to the District Compliance Division within fifteen (15) calendar days of conducting these annual tests in a format approved by the District Compliance Division. (Rules 61.3, 61.3.1, 61.4, 61.4.1)
27. The permittee or their designated agent shall notify the District's Compliance Division, in writing, at least ten (10) calendar days prior to conducting the required annual tests and shall include the date and the time in a format approved by the District Compliance Division. (Rules 21, 61.3, 61.3.1, 61.4, and 61.4.1)
28. In addition to the annual compliance tests referenced above, the applicant shall schedule an initial compliance test with the undersigned engineer, within 60 days of the Construction Completion. (Rule 61.3, 61.3.1, 61.4, 61.4.1)
29. Prior to the initial compliance test, the applicant shall schedule a pre-backfill inspection with the undersigned engineer. During this inspection, the engineer will verify the underground vapor recovery piping system is installed in accordance with the application and relevant Executive Orders. The tank sumps must be dry for this inspection. (Rule 61.4.1)
30. Copies of all required tests and records shall be maintained on site for three (3) years and made immediately available to the District upon request. (Rules 21, 61.3,61.3.1, 61.4 and 61.4.1)
31. In the event of any failed test, which does not constitute a defect, the permittee shall make all necessary repairs, reschedule and retest within seven (7) calendar days of the failed test. In the event of any failed test, which does constitute a defect, the permittee shall remove all of the affected components from service until they are successfully retested. Notice of any retest, including the date, time and nature of repairs made, conducted on a subsequent date after the initial test date shall be provided to the District Compliance Division in writing (e-mail or facsimile are acceptable) as soon as possible and prior to the retest. All retest results shall be reported completely and accurately and submitted to the District Compliance Division within fifteen (15) calendar days of conducting the retest in a format approved by the District Compliance Division. (Rules 61.3, 61.3.1, 61.4 and 61.4.1)
32. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District.
33. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
34. 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](mailto: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 (858) 688-7142 or via email at [John.Lee@sdapcd.org](mailto:John.Lee@sdapcd.org).

John Lee  
Asst APC Engineer

CC: Compliance Division