



Sectors: 4, J
Site Record: APCD1981-SITE-00779

Application Record: APCD2023-APP-007777



APCD2023-APP-007777

No Mailing Address on file

Facility Manager
7006 El Cajon Bl
San Diego, CA 92115

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:

E85 Dispensing Facility (Retail):

Four (4) nozzles, as listed in Exhibit 1 of the Phase II Executive Order (E.O.) specified below, with one (1) grade (E85) per nozzle;

Phase I VRS: OPW per ARB EO VR-102;

Phase II VRS: Exempt per Rule 61.4.1 (b)(6);

Tanks: One (1) 12,000 gallon E85, underground;

E85 Throughput Limit: 1,200,000 gallons per year (consecutive twelve (12) month period) and 100,000 gallons per month.

This Authority to Construct is issued with the following conditions:

1. The combined volume of E85 dispensed at this facility shall not exceed the throughput limit specified in the equipment description of this permit.
(Rule 21)
2. The Phase I vapor recovery system specified in the equipment description of this permit, shall be installed, operated, and maintained in accordance with the applicable California Air Resources Board Executive Order, Installation, Operation and Maintenance Manual, and District Rules and Regulations. (Rules 61.3.1 and 61.8)
3. 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)
4. Only components certified by the California Air Resources Board (CARB) for use with the particular Phase I 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)
5. Periodic scheduled maintenance, which includes inspections and/or tests, shall be performed in accordance with the California Air Resources Board approved Installation, Operation, and Maintenance Manual for the Phase I Vapor Recovery System specified in the equipment description. A certified technician, as specified in Attachment K of this permit to operate, shall perform all tests and repairs associated with the scheduled inspections and maintenance. (Rule 61.3.1)

6. An inspection, maintenance and repair log shall be kept onsite for at least three (3) years and made available to the District upon request. Attachment I, "Inspection, Maintenance and Repair Log", is attached as an example and can be used for this purpose. The inspection, maintenance and repair log shall record the weekly inspections and itemize at a minimum: the date the defect was found or the date the component was identified as not being in good condition, date the component was removed from service, the date of call for service, the date of repair/replacement, the affiliation and name of the person performing the repair/replacement, the make and model number of the component, and whether the component was maintained, replaced or repaired. (Rule 61.3.1)
7. Any installation, repair, replacement or testing of the Phase I system or components specified in the equipment description shall be performed per the applicable California Air Resources Board (CARB) Executive Order and CARB approved Installation, Operation and Maintenance Manual, 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 components in the course of any required performance test. Proof of certification shall be made available to the District upon request. (Rules 61.3 and 61.3.1)
8. 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).
9. Containment boxes shall be maintained free of standing E85 fuel. (Rule 61.3.1)
10. The Phase I 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 and 61.3.1)
11. The Permittee shall ensure that the Phase I tank truck and trailer vapor recovery system are utilized during each transfer of E85 and that product and vapor (poppet) caps are securely replaced and remain in place following each such transfer. (Rule 61.3.1)
12. All storage tanks containing E85 shall be equipped with a permanent submerged fill pipe, which has a discharge opening entirely submerged when the liquid level is six (6.0) inches above the bottom of the tank. (Rule 61.3.1)
13. During liquid transfers involving tank trucks and trailers, the vapor return hose and E85 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 E85 hose to the facility storage tank fill pipe adapter, and
 - (4) Connect the E85 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 E85 transfer hose shall be connected or disconnected only while the vapor return hose is connected and functional.
14. The Permittee shall perform a visual weekly inspection of all Phase I vapor recovery components at retail E85 dispensing facilities. The components to be inspected for damage, loose connections, or leaks are: the vapor and product dust caps and gaskets, poppeted dry breaks, vapor and product fill adaptors, spill boxes, including the drain valves. In addition, the Permittee shall verify that there is no standing E85 or debris in the spill boxes and that the drain valves are seating properly. At non-retail E85 dispensing facilities, the permittee shall perform this visual inspection of all Phase I components on a monthly basis. (Rule 61.3.1)
15. The Permittee shall record the combined volume of all E85 grades dispensed at this facility. Attachment C, "Monthly Gasoline Throughput," or an equivalent form, shall be used for this purpose. Monthly E85 throughput records shall be maintained on site for at least three (3) years and made available to the District upon request. (Rule 61.4.1)

16. The Permittee and/or their designated agent shall perform an annual inspection to ensure compliance with all applicable District Rules, Regulations, and permit conditions. This inspection shall be conducted within 60 calendar days prior to the first day of the permit date. An inspection checklist shall be kept onsite for at least three (3) years and made available to the District upon request. The inspection shall verify that: (Rule 61.3.1)
 - A. The District permit is current and posted
 - B. The facility complies with all permit conditions.
 - C. The Phase I vapor recovery system is properly installed and complies with the most recent applicable CARB certification procedures and CARB Executive Order.
 - D. Each E85 underground storage tank or compartment has a E85 submerged drop tube with a discharge opening entirely submerged when the liquid level is six (6.0) inches above the bottom of the tank or compartment.
 - E. The vent pipes are equipped with the required pressure/vacuum valves and each such valve is properly installed.
17. Any Phase I 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 Order. Any Phase I 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. (Rule 61.3.1)
18. The maximum horizontal distance (offset distance) of the vapor recovery tank riser shall be 20 inches, using four (4) inch steel pipe fittings, vapor riser offset, or a combination of the two products as indicated by Exhibit 2 of the CARB Phase I Executive Order listed in the equipment description of this permit. Vapor recovery tank riser shall not be offset when double fill configuration is installed. (Rule 61.3.1)
19. To avoid liquid traps and low points, flexible vapor return piping shall not be installed. Steel braided flex connectors may be used only within the dispenser or tank sumps. (Rule 21)
20. The facility shall only install pressure/vacuum vent valve(s), as described in the Executive Order listed in the equipment description, on the E85 tank vent line(s). (Rule 61.3.1)
21. All vent lines shall be sloped a minimum of 1/8 inch per foot from the vent risers to the storage tanks. (Rule 61.3.1)
22. All Phase-I fill adapters shall be electrically connected to an earth ground. Clearly marked and easily accessible electrical clamp attachment points, which are electrically connected to a verified earth ground (<1ohm resistance), shall be installed at each Phase I fueling point. (Rule 21)
23. If applicable, the overfill device actuation mark shall be installed at 95% or less of the total tank capacity. After being installed, the overfill prevention device shall not be manually opened, closed or modified by any type of device. (Rule 61.3.1)
24. No more than two (2) fill points shall be installed on any single underground storage tank at this E85 dispensing facility. The double fill configuration shall be installed in accordance with Exhibit 2 of CARB Phase I Executive Order listed in the equipment description of this permit. (Rule 61.3.1)
25. If installed, flexible connectors at the base of the vent risers shall have a length of eighteen inches (18") or less, or swing joints shall be used for this purpose. (Rule 21)
26. The general & supplemental application forms and drawings received shall be consistent with, represent and describe the installed vapor recovery plumbing, piping system and tank(s) and dispenser(s) locations at this facility, except as modified by conditions herein. Prior to any deviation of the piping installation from the submitted information and/or drawings, the applicant shall submit drawing(s) reflecting the change(s) and request and wait for written approval from the District.
27. The enclosed construction completion notice shall report the name and Manufacturer Certification Number(s) of the contractor(s) who installed the Phase I system. Alternatively, a copy of the Manufacturer Certification Card(s) of the contractor(s) who installed the Phase I system shall be attached to the Construction Completion Notice.
28. Within 30 days of completion of construction and at least fifteen (15) calendar days prior to the proposed test date, the applicant shall contact the undersigned engineer at (858) 586-2600 to schedule a test date.

29. The performance tests specified in Attachment L for the Phase I vapor recovery system specified in the equipment description shall be successfully conducted within sixty (60) days after startup of the equipment authorized herein. For the purpose of compliance with this condition, all tests shall be conducted after installation of all required vapor recovery components. Within fifteen (15) calendar days of completion of these tests, the applicant/testing company shall submit copies of all test data and results to the District's Vapor Recovery Section of the Engineering Division. (Rules 21, 61.3 and 61.8)
30. The tests referenced in Attachment L shall be successfully conducted at least once every calendar year, beginning twelve (12) consecutive months after the initial successful performance tests, specified elsewhere in this Authority to Construct. These tests shall be successfully conducted within the same month as the initial performance tests (e.g., if a site completes the initial performance tests in March of 2006, then the annual tests shall be successfully conducted in March of 2007). Ten (10) calendar days prior to conducting the required annual tests, the permittee and/or the designated testing agent shall notify the District's Compliance Division in writing of the date and time of the scheduled tests. Accurate and complete test results shall be submitted to the District's Compliance Division within fifteen (15) calendar days of conducting these annual tests in a format approved by the District Compliance Division. (Rules 21, 61.3 & 61.4)
31. Copies of all tests 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)
32. In the event of any failed test, which does not constitute a defect, the permittee shall make all necessary repairs, reschedule and re-test 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)
33. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District.
34. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
35. 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.)
36. Prior to any deviation of the information submitted on the application forms for this Authority to Construct, the applicant shall submit the proposed changes in writing and request and wait for a written approval from the District. (Rule 21)
37. "A maintenance log for the manufacturer's scheduled maintenance, including any repairs performed and drive offs, shall be kept onsite for at least three (3) years and made available to the District upon request. The maintenance log shall itemize at a minimum:
 - a. the date of each inspection and test;
 - b. any defect, damage;
 - c. loose connections, or leaks found during the inspections or tests;
 - d. any test failure;
 - e. the make and model number of any component that is replaced, maintained or repaired as a result of these inspections or tests;
 - f. the date of repair/replacement; and
 - g. the affiliation and name of the person performing the inspections, tests, and repair/replacement. (Rules 61.3.1 and 61.4.1)"

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 (858) 414-9917 or via email at KarenYimnei.Chan@sdcounty.ca.gov.

Karen Yimnei Chan
Asst APC Engineer

CC: Compliance Division