



Sectors: 5, P
Site Record ID: APCD2007-SITE-06322
Application Record ID: APCD2012-APP-002167

PERMIT RECORD ID
APCD2013-PTO-001583


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

1. All equipment and/or materials associated with air contaminant emissions from this operation or that affects the air contaminant emissions shall not deviate from the above equipment description. The permittee shall submit an application to the District and wait for approval in writing prior to modifying any such equipment. (Rule 10)
2. The Phase I components shall be clearly identified by a permanent identification, showing the manufacturer's name and model number. (Rule 61.3)
3. Air pollution control equipment shall be maintained in good operating condition and shall be in full operation in accordance with manufacturer's instructions at all times when the process equipment is in operation. The manufacturer's instructions shall be maintained on site and made available to the District upon request.
4. The temperature of the condensed liquid from the distillation system shall be maintained at no more than 25 deg C (77 deg F) when the process equipment is in operation, except during momentary fluctuations, which shall not to exceed two (2) minutes in any 60- minute interval. (Rules 20.2 and 1200)
5. Equipment used to measure and record the operating temperature(s) shall be permanently installed, properly calibrated, and maintained in accordance with the manufacturer's specifications, which shall be maintained on site and available to the District upon request. (Rule 21)
6. The instantaneous temperature(s) from the control devices shall be visually displayed and continuously recorded during distillation. (Rule 21)
7. For the purposes of this permit to operate, a fugitive liquid leak is a visible leak of liquid, containing VOC, at a rate in excess of three drops per minute. A fugitive vapor leak is any VOC vapor leak which results in a concentration of 500 ppmv or more measured as methane at a distance of 1/2 inch (1.3 cm) from the vapor path, other than non-repeatable, momentary readings. (Rule 21)
8. Equipment used for storing, mixing, blending or transferring volatile organic compounds (VOCs) shall be inspected on a weekly basis for vapor and liquid leaks, as defined by the above condition.
9. Any component with vapor or liquid leaks, as defined by this permit to operate, shall be tagged and promptly repaired. This repair shall be completed the first time the equipment is off-line for a period of time long enough to complete the repair, but in no case longer than 72 hours after such leak was detected and recorded. For the purposes of this condition, the emission of VOC vapor from process tanks which are uncovered because of loading, unloading or maintenance shall not be considered a fugitive vapor leak. VOC emissions from the distillation system and vent valves shall not be considered a fugitive vapor leak. Vapor and liquid fugitive leaks found by District staff where the leak is not tagged shall be considered a violation of this condition. (Rule 21)
10. The storage tank containing methanol 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)
11. If installed, containment boxes shall be maintained free of standing methanol. (Rule 61.3)
12. The permittee shall ensure that the Phase I tank truck and trailer vapor recovery system are utilized during each transfer of methanol and that product and vapor (poppet) caps are securely replaced and remain in place following each such transfer. (Rule 61.3)
13. During liquid transfers involving tank trucks and trailers, the vapor return hose and methanol hose connections shall be made in the following order:
 - a. connect the vapor return hose to the fuel delivery truck drybreak,
 - b. connect the vapor return hose to facility storage tank drybreak,
 - c. connect the methanol hose to the facility storage tank fillpipe adapter,
 - d. connect the methanol hose to the fuel delivery truck product fitting.At the end of the fuel delivery, the disconnections shall be made in the reverse order of the connections, i.e., (d), (c), (b), and (a), wherein the methanol transfer hose shall be connected or disconnected only while the vapor return hose is connected and functional. (Rule 61.3)



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14. The following performance tests shall be conducted and passed at least once every two calendar years starting in 2013 within forty-five (45) calendar days prior to the first day of the permit expiration month.
 - a. Pressure decay/leak test of the entire vapor control system shall be performed per District test procedure TP-96-1; and,
 - b. Leak rate and cracking pressure of Pressure/Vacuum vent valves shall be performed per ARB test procedure 201.1E. (Rule 21)
15. Fifteen (15) calendar days prior to conducting the required 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. (Rule 21)
16. Accurate and complete test results shall be submitted to the District's Compliance Division within fifteen (15) calendar days of conducting these tests in a format approved by the District Compliance Division. (Rule 21)
17. The permittee shall maintain records for this operation in accordance with this permit to operate. The records shall include the following information:
 - a. material safety data sheet (MSDS) or manufacturer information for all materials used in the process described above. The MSDS or manufacturer information shall include all components of each material;
 - b. weekly inspection records;
 - c. performance test results;
 - d. calibration records for temperature indicating and recording device(s);
 - e. records of any fugitive liquid or vapor leaks and associated repairs (including location of leak, date and time detected, and date and time repaired); and
 - f. temperature readings from the distillation system.(Rule 21)
18. All records shall be retained on site for at least three (3) years and made readily available to the District upon request.
19. At no time shall the subject equipment cause or contribute to a nuisance as specified in District Rule 51. If compliance with Rule 51 cannot be demonstrated to the satisfaction of the District, the applicant will take whatever corrective action necessary to meet applicable requirements. If corrective action requires any physical change or modification to the subject equipment, the applicant shall receive prior District approval by applying for and obtaining an authority to construct for all such modifications. (Rule 51)
20. Visible emissions from the exhaust stack shall comply with Rule 50. (Rule 50)
21. The permittee shall notify the Air Pollution Control Officer of any occurrence which constitutes a breakdown condition as specified in District Rule 98. This notification shall identify the time of the start of the occurrence, estimated duration of the occurrence (if known), specific location, equipment involved, and (to the extent known) the cause(s) of the occurrence, and shall be given as soon as reasonably possible, but no later than two hours after its detection. This notification shall be by direct phone contact to District Compliance staff during normal working hours or to the District's message recording phone during nonworking hours (858 586-2650). The time of the call must be included in the message.
22. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District.
23. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
24. 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.)