MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT
14306 Park Avenue Victorville, CA 92392-2310
760.245.1661 -- 800.635.4617 -- FAX 760.245.2022

PERMIT TO OPERATE

B013429

Operation under this permit must be conducted in compliance with all information included with the initial application, initial permit condition, and conditions contained herein. The equipment must be maintained and kept in good operating condition at all times. This Permit to Operate or copy must be posted on or within 8 meters of equipment. If a copy is posted, the original must be maintained on site, available for inspection at all times.

EXPIRES LAST DAY OF: OCTOBER 2026

OWNER OF OPERATOR (Co.#31)

Southern California Gas Co. - MD
9400 Oakdale Avenue
Chatsworth, CA 91313

EQUIPMENT LOCATION (Fac.#1626)

SCG - Kelso
35690 Kelbaker Road
Kelso, CA 92351

Description:
NATURAL GAS POWERED PNEUMATIC CONTROLLERS consisting of: Pneumatic Controller means an instrument used to control a process condition such as liquid level, pressure, pressure differential, and temperature [17 CCR 95667(a)(49)]. Intermittent Bleed means the intermittent venting of natural gas from a gas-powered pneumatic controller to the atmosphere. Intermittent bleed pneumatic controllers may vent all or a portion of their supply gas when control action is necessary but do not vent continuously [17 CCR 95667(a)(32)]. Facility Elevation is 2825 feet above sea level.

EQUIPMENT

Capacity	Equipment Description
6	Intermittent Bleed Pneumatic Devices
3	Exempted Separators (Degassing Vessel, Scrubber 1, and Scrubber 2)

CONDITIONS:

1. Conditions 1 through 31 are specific to the requirements California Code of Regulations Title 17, Division 3, Chapter 1, Subchapter 10 Climate Change, Article 4 - Greenhouse Gas Emission Standards for Crude Oil and Natural Gas Facilities (amendment effective April 1, 2024). In the event of conflict between conditions the more stringent requirements shall govern.
[17 CCR 95668 (e)(1); Federal Enforceability: SIP requirement (87 FR 59314 & 89 FR 36729)]

Fee Schedule: 7 (i) | Rating: 1 device | SIC: 4923 | SCC: 20100202 | Location/UTM(Km): 622E/3862N

This permit does not authorize the emission of air contaminants in excess of those allowed by law, including Division 26 of the Health and Safety Code of the State of California and the Rules and Regulations of the District. This permit cannot be construed as permission to violate existing laws, ordinances, statutes or regulations of this or other governmental agencies. This permit must be renewed by the expiration date above. If billing for renewal fee required by Rule 301(c) is not received by expiration date above, please contact the District.

Southern California Gas Co. - MD
PO Box 2300, SC 9314
Chatsworth, CA 91313-2300

By: **COPY**
Eldon Heaston
Air Pollution Control Officer

2. Continuous bleed natural gas pneumatic controllers shall not vent natural gas to the atmosphere and shall comply with the leak detection and repair requirements specified in 17 CCR 95669, except for the pneumatic controllers subject to 17 CCR 95668(e)(2)(A).
[17 CCR 95668(e)(2); Federal Enforceability: SIP requirement (87 FR 59314 & 89 FR 36729)]

Continuous bleed natural gas-powered pneumatic devices installed prior to January 1, 2016 may be used provided they meet all of the following requirements:
(a) No controller shall vent natural gas at a rate greater than six (6) standard cubic feet per hour (scfh) when the controller is idle and not actuating.
(b) All controllers are clearly marked with a permanent tag that meets the following requirements:
(i) Identifies the natural gas flow rate as less than or equal to six (6) scfh;
(ii) Identifies the month and year of installation of the controller; and,
(iii) Includes identification information that allows traceability to the manufacturer's documentation.
(c) All controllers are tested annually using a direct measurement method; and,
(d) Any controller with a measured emissions flow rate greater than six (6) scfh shall be successfully repaired within 14 calendar days from the date of the initial emission flow rate measurement.
(e) The owner/operator shall maintain, and make available upon request by the CARB Executive Officer and/or District, a record of the flow rate measurement as specified in Appendix A, Table A7 and shall report the result to CARB and the District once per calendar year as specified in 17 CCR 95673.
(f) The owner/operator shall maintain, and make available upon request by the CARB Executive Officer and/or the District, records of the location and manufacturer's specifications of each controller as specified in 17 CCR 95672 (as outlined in condition 29).
[17 CCR 95668(e)(2)(A); Federal Enforceability: SIP requirement (87 FR 59314 & 89 FR 36729)]

3. Intermittent bleed natural gas-powered pneumatic controllers shall comply with the leak detection and repair requirements specified in 17 CCR 95669 when the controller is idle and not controlling.
[17 CCR 95668(e)(3); Federal Enforceability: SIP requirement (87 FR 59314 & 89 FR 36729)]

4. Natural gas-powered pneumatic pumps shall not vent natural gas to the atmosphere and shall comply with the leak detection and repair requirements specified in 17 CCR 95669.
(i) The owner/operator shall maintain, and make available upon request by the CARB Executive Officer and/or the District, records of the location and manufacturer's specifications of each natural gas powered pneumatic pump as specified in 17 CCR 95672 (as outlined in condition 29).
[17 CCR 95668(e)(4); Federal Enforceability: SIP requirement (87 FR 59314 & 89 FR 36729)]

5. Continuous bleed natural gas-powered pneumatic controllers and pumps which need to be replaced or retrofitted to comply with the requirements specified shall do so by one of the following methods:
(a) Collect all vented natural gas with the use of a vapor collection system as specified in 17 CCR 95671 (as outlined in conditions 26, 27, and 28); or,
(b) Use compressed air or electricity to operate.
[17 CCR 95668(e)(5); Federal Enforceability: SIP requirement (87 FR 59314 & 89 FR 36729)]

6. All measurements made in accordance with US EPA Reference Method 21 (October 1, 2017) for the purposes of 17 CCR 95665-95677 shall be conducted as follows:
(a) Leak testing shall be for total hydrocarbons in units of parts per million volume (ppmv) calibrated as methane in accordance with US EPA Reference Method 21 (October 1, 2017).
(b) PID instruments shall not be used.
[17 CCR 95669(b); Federal Enforceability: SIP requirement (87 FR 59314 & 89 FR 36729)]

7. All components, including components found on tanks, separators, wells (including idle wells), and pressure vessels not identified in 17 CCR 95669(c) shall be inspected and repaired as follows.
(a) By July 1, 2024, owners/operators shall develop facility-specific leak detection and repair plans that encompass all components not identified in section 17 CCR 95669(c). The plans shall be updated annually if any changes are made to the facility or equipment that alter the plan. Leak detection and repair plans shall include the following:
(i) Procedures for conducting surveys that ensure the surveys comply with the relevant sections of US EPA Reference Method 21 (October 1, 2017) as specified in section 17 CCR 95669(b) (as outlined in condition 6).
(ii) Sitemap.
(iii) List of equipment to be monitored, including an identification number or detailed description for each piece of equipment.

(iv) List of components to be monitored and the method for determining location of components in the field (e.g., tagging, identification on a process and instrumentation diagram, etc.).
(v) List of equipment and components that are designated as inaccessible or unsafe to monitor along with an explanation/review of conditions for the designation.
(vi) For each piece of equipment, list the frequency for conducting surveys that complies with the requirements specified in this section.
(vii) For each piece of equipment, list the repair timeframes for leaks of different sizes that comply with the requirements specified in this section.
[17 CCR 95669(d); Federal Enforceability: SIP requirement (87 FR 59314 & 89 FR 36729)]

8. The CARB Executive Officer and/or the District may perform inspections at facilities at any time to determine compliance with the requirements specified in 17 CCR 95669.
[17 CCR 95669(e); Federal Enforceability: SIP requirement (87 FR 59314 & 89 FR 36729)]

9. Except for inaccessible or unsafe to monitor components, the owner/operator shall audio-visually inspect (by hearing and by sight) all hatches, pressure-relief valves, well casings, stuffing boxes, and pump seals for leaks or indications of leaks at least once every 24 hours for facilities that are visited daily, or at least once per calendar week for facilities that are not visited at least once every 24 hours.
(a) Owner/operator shall audio-visually inspect all pipes and pipelines within the facility boundaries for leaks or indications of leaks at least once every 12 months.
(b) Owner/operator shall maintain, and make available upon request by the CARB Executive Officer and/or the District, a record of the dates of all audiovisual inspections conducted at the facility.
(c) Any audio-visual inspection specified above [17 CCR 95669(f)] that indicates a leak that cannot be repaired within 24 hours shall be tested using US EPA Reference Method 21 (October 1, 2017) as specified in 17 CCR 95669(b) (as outlined in condition 6)within 24 hours after initial leak detection.
(i) For leaks detected during normal business hours, the leak measurement shall be performed within 24 hours. For leaks detected after normal business hours or on a weekend or holiday, the deadline is shifted to the end of the next normal business day.
(ii) Any leaks measured above the minimum leak threshold shall be successfully repaired within the timeframes specified.
[17 CCR 95669(f); Federal Enforceability: SIP requirement (87 FR 59314 & 89 FR 36729)]

10. At least once each calendar quarter, all components shall be tested for leaks of total hydrocarbons in units of parts per million volume (ppmv) calibrated as methane in accordance with US EPA Reference Method 21 (October 1, 2017) as specified in 17 CCR 95669(b) (as outlined in condition 6). All inaccessible or unsafe to monitor components shall be inspected at least once annually using US EPA Reference Method 21 (October 1, 2017) as specified in 17 CCR 95669(b) (as outlined in condition 6).
[17 CCR 95669(g); Federal Enforceability: SIP requirement (87 FR 59314 & 89 FR 36729)]

11. Any component with a leak concentration measured above the following standards shall be repaired within the time period specified below and in Table 1:
(a) A first attempt at repair shall be made within five (5) calendar days for Lleaks with measured total hydrocarbon concentrations greater than or equal to 1,000 ppmv but not greater than 9,999 ppmv, which shall be successfully repaired or removed from service within 14 calendar days of the initial leak detection using US EPA Reference Method 21 (October 1, 2017).
(b) Leaks with measured total hydrocarbon concentrations greater than or equal to 10,000 ppmv but not greater than 49,999 ppmv shall be successfully repaired or removed from service within five (5) calendar days of the initial leak detection using US EPA Reference Method 21 (October 1, 2017).
(c) Leaks with measured total hydrocarbon concentrations greater than or equal to 50,000 ppmv shall be successfully repaired or removed from service within two (2) calendar days of the initial leak detection using US EPA Reference Method 21 (October 1, 2017).
(d) Critical components or critical process units shall be successfully repaired by the end of the next process shutdown or within 12 months from the date of initial leak detection, whichever is sooner.
(e) A delay of repair may be granted by the CARB Executive Officer and or the District as specified in 17 CCR 95670.1 (as outlined in condition 25).

Table 1 - Repair Time Periods
// Leak Threshold // Repair Time Period
1,000-9,999 ppmv // First attempt at repair within 5 calendar days and successful repair within 14 calendar days
10,000-49,999 ppmv // 5 calendar days
50,000 ppmv or greater // 2 calendar days
Critical Components and Critical Process Units // Next scheduled shutdown or within 12 months, whichever is sooner
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[17 CCR 95669(h); Federal Enforceability: SIP requirement (87 FR 59314 & 89 FR 36729)]

12. Upon detection of a component with a leak concentration measured above the standards specified, the owner/operator shall affix to that component a weatherproof readily visible tag that identifies the date and time of leak detection measurement and the measured leak concentration. The tag shall remain affixed to the leaking component until it has been successfully repaired or replaced, after which the tag shall be removed.
(a) Successful repair shall be confirmed by re-measuring the component using US EPA Reference Method 21 (October 1, 2017) as specified in 17 CCR 95669(b) (as outlined in condition 6) to determine that the component is below the minimum leak threshold after repair or replacement.
[17 CCR 95669(i); Federal Enforceability: SIP requirement (87 FR 59314 & 89 FR 36729)]

13. Owner/operator shall maintain, and make available upon request by the CARB Executive Officer and/or District, a record of all leaks found at the facility as specified in Appendix A, Tables A4 and A5, and shall report the results to CARB and the District once per calendar year as specified in section 17 CCR 95673 (as outlined in conditions 30 and 31). If a leak is found on a component associated with a well, the owner/operator shall indicate whether the well is active or idle as specified in Appendix A, Table A5.
[17 CCR 95669(j); Federal Enforceability: SIP requirement (87 FR 59314 & 89 FR 36729)]

14. Hatches shall remain closed at all times except during sampling, adding process material, or attended maintenance operations.
[17 CCR 95669(k); Federal Enforceability: SIP requirement (87 FR 59314 & 89 FR 36729)]

15. Pressure-vacuum valves shall not vent or actuate except when the operating pressure of the tank exceeds the valve set pressure, which shall be set to within ten (10) percent of the maximum allowable working pressure of the tank.
[17 CCR 95669(l); Federal Enforceability: SIP requirement (87 FR 59314 & 89 FR 36729)]

16. Open-ended lines and valves located at the end of lines shall be sealed with a blind flange, plug, cap or a second closed valve, at all times except during operations requiring liquid or gaseous process fluid flow through the open-ended line. Open-ended lines do not include vent stacks used to vent natural gas from equipment that cannot be sealed for safety reasons. Open-ended lines shall be repaired as follows [17 CCR 95669(m)]:
(a) Open-ended lines that are not capped or sealed shall be capped or sealed within seven (7) calendar days from the date of initial inspection.
(b) Open-ended lines that are capped or sealed and found leaking shall be repaired in accordance with the timeframes specified in 17 CCR 95669(h).
[17 CCR 95669(m); Federal Enforceability: SIP requirement (87 FR 59314 & 89 FR 36729)]

17. Components or component parts which incur five (5) repair actions within a continuous 12-month period shall be replaced with a compliant component in working order and shall be re-measured using US EPA Reference Method 21 (October 1, 2017) as specified in 17 CCR 95669(b), to determine that the component is below the minimum leak threshold.
(a) The component shall be replaced and re-measured to be below the minimum leak threshold within 30 calendar days of the initial leak detection using US EPA Reference Method 21 (October 1, 2017) of the fifth (5th) leak.
(b) A delay of repair may be granted by the CARB Executive Officer as specified in section 17 CCR 95670.1 (as outlined in condition 25).
(c) A record of the replacement shall be maintained in a log at the facility, and shall be made available upon request by the CARB Executive Officer.
[17 CCR 95669(n); Federal Enforceability: SIP requirement (87 FR 59314 & 89 FR 36729)]

18. Compliance with Leak Detection and Repair Requirements:
(a) The following provisions apply to inspections conducted by the CARB Executive Officer and/or the District:
(i) No facility shall exceed the number of allowable leaks specified in Table 2 during a CARB Executive Officer and/or District inspection as determined in accordance with US EPA Reference Method 21 (October 1, 2017), as specified in 17 CCR 95669(b) (as outlined in condition 6).

Table 2 - Allowable Number of Leaks
// Leak Threshold // 200 or Fewer Components Inspected // More than 200 Components Inspected
1,000-9,999 ppmv // 5 // 2% of total inspected

10,000-49,999 ppmv // 2 // 1% of total inspected
50,000 ppmv or greater // 0 // 0
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(ii) No component shall exceed a leak of total hydrocarbons greater than or equal to 50,000 ppmv during a CARB Executive Officer or District inspection as determined in accordance with US EPA Reference Method 21 (October 1, 2017), as specified in 17 CCR 95669(b) (as outlined in condition 6).
(iii) The failure of an owner/operator to repair leaks within the timeframes specified in this 17 CCR 95665-95677 during any inspection period shall constitute a violation of 17 CCR 95665-95677.
(b) The following provisions apply to inspections conducted by the owner/operator:
(i) The failure of an owner/operator to repair leaks within the timeframes specified in this 17 CCR 95665-95677 shall constitute a violation of this 17 CCR 95665-95677.
(ii) Leaks discovered during an operator conducted inspection shall not constitute a violation if the leaking components are repaired within the timeframes specified in this 17 CCR 95665-95677.
[17 CCR 95669(o); Federal Enforceability: SIP requirement (87 FR 59314 & 89 FR 36729)]

19. Beginning April 1, 2024, CARB may issue a notification to an owner/operator if remote monitoring data includes a methane emission plume at their facility.
(a) The remote monitoring data shall be generated by a remote monitoring technology approved by the CARB Executive Officer if, in their best engineering judgment, the technology demonstrates a capability to detect methane emission plumes and meets all the following requirements:
(i) Spatial resolution of 30 meters by 30 meters or better.
(ii) Data available to CARB within 72 hours of collection.
(iii) Produces a visualization of the emission plume.
(b) The notification shall be sent electronically to the e-mail address supplied by the facility owner/operator pursuant to 17 CCR 95674(b)(2) within seven (7) business days of CARB receiving the remote monitoring data. The notification shall contain all the following information:
(i) An emission ID number.
(ii) An estimate of the latitude and longitude coordinates where the emission plume appears to be originating.
(iii) A visualization of the emission plume.
(iv) The date and time of the emission plume detection.
[17 CCR 95669.1(a); Federal Enforceability: SIP requirement (87 FR 59314 & 89 FR 36729)]

20. When an owner/operator receives a notification from CARB pursuant to 17 CCR 95669.1(a) (as outlined in condition 19), the owner/operator shall inspect the facility for leaking or venting components and equipment within five (5) calendar days of the notification using optical gas imaging instruments or US EPA Reference Method 21 (October 1, 2017) as specified in 17 CCR 95669(b) (as outlined in condition 6), unless 17 CCR 95669.1(b)(1) (as outlined in condition 20(a)) applies.
(a) If the owner/operator has records demonstrating that venting was occurring at the time of the remote emission plume detection due to an activity (e.g., maintenance), the owner/operator may report that activity in accordance with 17 CCR 95673(a)(14) (as outlined in condition 30(d)(i)) instead of performing an inspection. The records demonstrating that venting was occurring due to an activity shall be maintained as specified in 17 CCR 95672(a)(23) (as outlined in condition 29(e)(i)).
(b) The inspection shall be performed until one of the following occurs:
(i) All components and equipment under the control of the owner/operator within at least a 100-meter radius of the location sent in the notification have been inspected; or
(ii) The emission source is found.
[17 CCR 95669.1(b); Federal Enforceability: SIP requirement (87 FR 59314 & 89 FR 36729)]

21. Within 72 hours after conducting an inspection pursuant to 17 CCR 95669.1(b) (as outlined in condition 20), the owner/operator shall report to CARB the information specified in section 17 CCR 95673(a)(15) (as outlined in condition 30(d)(ii)).
[17 CCR 95669.1(c); Federal Enforceability: SIP requirement (87 FR 59314 & 89 FR 36729)]

22. The owner/operator shall perform the following actions depending on the results of the inspection required in 17 CCR 95669.1(b) (as outlined in condition 20):
(a) If the emission source is determined to be the result of venting, the owner/operator shall report to CARB the information specified in 17 CCR 95673(a)(16) (as outlined in condition 30(d)(iii) within five (5) calendar days after conducting the inspection.
(b) If the emission source is a component leak identified by US EPA Reference Method 21 (October 1, 2017), the owner/operator shall successfully repair the leak in accordance with the repair timeframes specified in 17 CCR 95669 and shall report to CARB the information specified in 17 CCR 95673(a)(17) (as outlined in condition 30(d)(iv)) within five (5) calendar days after the repair.

(c) If the emission source is identified by optical gas imaging and determined to be an unintentional emission source from a component, the owner/operator shall measure the leak concentration using US EPA Reference Method 21 (October 1, 2017) as specified in 17 CCR 95669(b) (as outlined in condition 6) within two (2) calendar days of conducting the inspection or within 14 calendar days of conducting the inspection if the component is inaccessible or unsafe to monitor.
(i) If the measured leak concentration is below the leak threshold specified in 17 CCR 95669, the owner/operator shall report the information specified in 17 CCR 95673(a)(18) (as outlined in condition 30(d)(v)) within five (5) calendar days after performing the US EPA Reference Method 21 (October 1, 2017) measurement.
(ii) If the measured leak concentration is above the leak threshold specified in 17 CCR 95669, the owner/operator shall successfully repair the leak in accordance with the repair timeframes specified in 17 CCR 95669 and shall report to CARB the information specified in 17 CCR 95673(a)(17) within five (5) calendar days after the repair.
(d) If the emission source is an unintentional emission source that is not from a component, the owner/operator shall repair the emission source within two (2) calendar days of discovery and shall report to CARB the information specified in 17 CCR 95673(a)(17) (as outlined in condition 30(d)(iv)) within five (5) calendar days after the repair.
[17 CCR 95669.1(d); Federal Enforceability: SIP requirement (87 FR 59314 & 89 FR 36729)]

23. The owner/operator shall maintain, and make available upon request by the CARB Executive Officer, a record of the information specified in Appendix A, Table A8 for each notification received and shall report this to CARB annually as specified in section 17 CCR 95673 (as outlined in conditions 30 and 31).

The owner/operator shall maintain, and make available upon request by the CARB Executive Officer, a record of all leaks found above the minimum leak threshold as specified in Appendix A, Table A5 and shall report the results to CARB annually as specified in 17 CCR 95673 (as outlined in conditions 30 and 31).

A delay of repair may be granted by the CARB Executive Officer and District as specified in 17 CCR 95670.1 (as outlined in condition 25).
[17 CCR 95669.1(e)-(g); Federal Enforceability: SIP requirement (87 FR 59314 & 89 FR 36729)]

24. Critical components used in conjunction with a critical process unit shall be pre-approved by the CARB Executive Officer and the District if owner/operator wish to claim any critical component exemptions available under 17 CCR 95665-95677.
(a) If a process unit no longer meets the definition of a critical process unit in 17 CCR 95667(a)(14), the critical component exemptions no longer apply to pre-approved critical components used in conjunction with that process unit.
(b) Owner/operator shall provide sufficient documentation identifying a critical component and demonstrating that the critical component is required as part of a critical process unit or that shutting down the critical component or process unit would impact safety or reliability of the natural gas system.
(i) Critical components shall be clearly identified in the documentation submitted to CARB and the District both to confirm that the components are part of a critical process unit and to identify a component as critical during an inspection. The documentation shall clearly show how the components are part of a critical process unit or that shutting down the critical component or process unit would impact the safety or reliability of the natural gas system.
(ii) Sufficient documentation shall include diagrams showing process flow or instrumentation, a table of uniquely identified components, photographs, written descriptions, or other clear means of identification.
(c) A request for a critical component or process unit approval is made by submitting a record of the component or process unit as specified in Appendix A, Table A3 along with supporting documentation as specified in 17 CCR 95670(b) (as outlined in condition 24(b)). Requests shall be e-mailed to oilandgas@arb.ca.gov and to reporting@mdaqmd.ca.gov with the subject line "O&G Critical Components Request."
(d) Owner/operator shall maintain, and make available upon request by the CARB Executive Officer or the District, the following:
(i) A record of all critical components or process units located at the facility as specified in Appendix A, Table A3.
(ii) Records of the approved critical component or process requests, including all supporting documentation that was submitted to CARB and District as specified in 17 CCR 95670(c) (as outlined in condition 24(c)).
(e) Each critical component or critical process unit shall be identified according to one of the following methods:
(i) Identify each component using a weatherproof, readily visible tag that indicates it as a CARB/District approved critical component and includes the date of CARB/District Executive Officer approval; or,
(ii) Provide a diagram or drawing of all critical components or the critical process unit upon request by the CARB Executive Officer or District.
(f) Approval of a critical component may be granted only if owner/operator fully comply with this section. The CARB/District Executive Officer retains discretion to deny any request for critical component or process unit approval.
[17 CCR 95670; Federal Enforceability: SIP requirement (87 FR 59314 & 89 FR 36729)]

25. A delay of repair allows the owner/operator to exceed the specified repair timeframe in 17 CCR 95665-95677 if all of the applicable requirements in this section are met. To request a delay of repair, the owner/operator shall notify the CARB Executive Officer and the District to report the delay before the repair timeframe is exceeded, provide the justification for the delay, substantiate that justification with documentation as specified in section 17 CCR 95670.1(a)(3) (as outlined in condition 25(c)), and provide an estimated date by which the repairs will be completed that shall be as soon as practicable. If the owner/operator is using the justification in section 17 CCR 95670.1(a)(3)(E) (as outlined in condition 25(c)(v)), they shall not submit an estimated repair date. The CARB Executive Officer and/or District shall approve or deny the delay of repair request based on whether the information submitted substantiates one of the acceptable justifications in 17 CCR 95670.1(a)(3) (as outlined in condition 25(c)) and whether the estimated date by which repairs will be completed is as soon as practicable based on the best engineering judgement of the CARB Executive Officer and/or District in consideration of dates contained within the documentation submitted.
(a) The CARB Executive Officer and/or District shall approve or deny a delay of repair request within five (5) calendar days after receiving the request.
(i) If the CARB Executive Officer and/or District denies the delay of repair request, repairs shall be completed by the original allowable deadline, starting from the date of the denial. The total allowable days to repair from the date the concern was discovered would therefore include the original allowable deadline, plus the number of calendar days that the request was with the CARB Executive Officer/District, inclusive of the day the request was submitted and the day that the CARB Executive Officer/District issued the denial.
(b) If the delay of repair is approved, the owner/operator shall complete the successful repair by the estimated repair date submitted in their delay of repair request, unless the justification for delay of repair is that specified in 17 CCR 95670.1(a)(3)(E) (as outlined in condition 25(c)(v)), in which case the owner/operator shall complete the successful repair in the time period allowable for the provision for which the delay was granted following the date that the reason for the delay of repair is resolved.
(i) The owner/operator shall notify the CARB Executive Officer and the District and provide the date of successful repair and the repaired leak concentration or emission flow rate within three (3) calendar days after the successful repair, as specified in 17 CCR 95673(a)(20) (as outlined in condition 30(e)(i)).
(c) Acceptable justifications for delaying repair include:
(i) Parts or equipment required to make necessary repairs have been ordered but will not arrive in time to complete the repairs within the repair timeframes specified in 17 CCR 95665-95677. The owner/operator shall submit to the CARB Executive Officer and the District proof that parts or equipment required to make necessary repairs have been ordered and shipping information that shows the estimated date by which the parts or equipment will arrive. If shipping information is not available (e.g., for a custom part that needs to be manufactured), the owner/operator shall submit documentation that indicates an estimated date that the parts or equipment will be either be available to ship or delivered.
(ii) The necessary repairs require personnel with specialized knowledge, experience, or equipment, and the personnel have been scheduled but cannot arrive in time to complete the repairs within the repair timeframes specified in 17 CCR 95665-95677. The owner/operator shall submit to the CARB Executive Officer and District documentation that shows which company has been scheduled and the date on which they are scheduled to arrive.
(iii) Emissions resulting from repair within the allowed timeframe would be greater than emissions resulting from delaying the repair (e.g., if a process unit must be shut down to complete the repairs and emissions would occur as a result of the shutdown). The owner/operator shall submit calculations to the CARB Executive Officer and District demonstrating the estimated emission reductions from delaying the repair. The emission flow rate used in the calculation shall be obtained by direct measurement or by using a correlation equation to convert from concentration to emission flow rate. If the delay of repair extends to the next measurement period, the leak concentration or direct emission flow rate shall be remeasured, and if the emission flow rate (either estimated using a correlation equation or by direct measurement) increases by greater than 20%, updated emission reduction calculations shall be submitted to the CARB Executive Officer and the District.
(iv) A system owned or operated by a gas service utility has been temporarily classified as critical to reliable public gas system operation as ordered by the utility's gas control office. The owner/operator shall submit to the CARB Executive Officer and District documentation of such a classification.
(v) Wildlife is found to be present on a component and work must be halted or postponed within a certain distance of the wildlife in order to comply with state and federal wildlife regulations. The owner/operator shall submit to the CARB Executive Officer and District what type of wildlife is found to be present and identify the state or federal wildlife regulations that require work to be halted or postponed.
(vi) If, after approval of a delay of repair request, the owner/operator cannot make repairs by the estimated date submitted in the delay of repair request, the owner/operator shall submit a new delay of repair request prior to the estimated date of repair.
(vii) The owner/operator shall maintain, and make available upon request by the CARB Executive Officer and District, records documenting the conditions justifying the delay of repair request as described in 17 CCR 95670.1(a)(3)(A) through (E) [(c)(i)-(vii), of this condition].
(d) All delay of repair requests and reporting of successful repairs following a delay of repair shall be e-mailed to oilandgas@arb.ca.gov and reporting@mdaqmd.ca.gov with the subject line "Delay of Repair."
[17 CCR 95670.1; Federal Enforceability: SIP requirement (87 FR 59314 & 89 FR 36729)]

26. The following requirements apply to equipment at facilities located in sectors listed in 17 CCR 95666 that must be controlled with the use of a vapor collection system and control device as a result of the requirements specified in section 95668 of this 17 CCR 95665-95677. The vapor collection system shall direct the collected vapors to one of the following:

(a) Sales gas system;
(b) Fuel gas system; or,
(c) Gas disposal well not currently under review by CalGEM.
[17 CCR 95671(a) & (b) Federal Enforceability: SIP requirement (87 FR 59314 & 89 FR 36729)]

27. If no sales gas system, fuel gas system, or gas disposal well specified in 17 CCR 95671(b) (as outlined in condition 26) is available at the facility, the owner/operator shall control the collected vapors as follows:
(a) For facilities without an existing vapor control device installed at the facility, the owner/operator shall install a new vapor control device as specified in 17 CCR 95671(d) (as outlined in condition 28(a)).
(b) For facilities currently operating a vapor control device and which are required to control vapors collected as a result of this 17 CCR 95665-95677, the owner/operator shall replace the existing vapor control device with a new vapor control device as specified in 17 CCR 95671(d) (as outlined in condition 28(a)) to control all of the collected vapors, if the device does not already meet the requirements specified in 17 CCR 95671(d) (as outlined in condition 28(a)).
[17 CCR 95671(c); Federal Enforceability: SIP requirement (87 FR 59314 & 89 FR 36729)]

28. Any vapor control device required in 17 CCR 95671(c) (as outlined in condition 27) shall meet the following requirements:
(a) If the vapor control device is to be installed in a region classified as non-attainment with any state and or federal ambient air quality standards for ozone, respirable particulate matter (PM10), fine particulate matter (PM2.5), or nitrogen dioxide [*note: SCG - Kelso is located in nonattainment area for PM10], the owner/operator shall install one of the following devices that follows all applicable performance test requirements in Appendix F (beginning July 1, 2024, including devices required in s17 CCR 95671(c) (as outlined in condition 27) prior to July 1, 2024), and meets all applicable federal, state, and local air district requirements:
(i) A non-destructive vapor control device that achieves at least 95 percent vapor control efficiency of total emissions and does not result in emissions of nitrogen oxides (NOx); or,
(ii) A vapor control device that achieves at least 95 percent vapor control efficiency of total emissions and does not generate more than 15 parts per million volume (ppmv) NOx when measured at 3 percent oxygen and does not require the use of supplemental fuel gas, other than gas required for a pilot burner, to operate.
(b) Beginning July 1, 2024, the owner/operator shall comply with all requirements for vapor collection systems and vapor control devices in Appendix E of 17 CCR 95665-95677. Owner/operator who controlled emissions as a result of the requirements of 17 CCR 95665-95677 with the use of a vapor collection system or vapor control device as specified in 17 CCR 95671 prior to July 1, 2024, shall also comply with all applicable requirements in Appendix E of 17 CCR 95665-95677 beginning July 1, 2024.
(c) If the collected vapors cannot be controlled as specified in 17 CCR 95671(b) through (e) of 17 CCR 95665-95677 the equipment subject to the vapor collection and control requirements specified in 17 CCR 95665-95677 shall not be used or installed and shall be removed from service within 180 days of conducting testing indicating that vapors shall be controlled.
(d) Vapor collection systems and control devices are allowed to be taken out of service for up to 14 calendar days per calendar year for performing maintenance.
(i) A time extension to perform maintenance not to exceed 14 calendar days per calendar year may be requested by the owner/operator by submitting a request to the CARB Executive Officer and the District before the initial 14 calendar-day limit is exceeded, which shall include the number of additional maintenance days requested for the calendar year and justification for necessity of the additional maintenance, including why the days requested are necessary to perform that maintenance.
1. The CARB Executive Officer and District shall approve or deny the request within five (5) calendar days based on their best engineering judgment of whether the owner/operator has demonstrated that the additional maintenance is necessary and that the additional days requested are necessary to perform that maintenance.
2. Requests shall be submitted by e-mail to oilandgas@arb.ca.gov and reporting@mdaqmd.ca.gov with the subject line "Vapor Collection System Maintenance Extension."
3. The owner/operator shall notify the CARB Executive Officer and District within three (3) calendar days after the maintenance has been completed and the equipment is returned to service as described in 17 CCR 95673(a)(21) (as outlined in condition 30(f)(i)).
(ii) The owner/operator is responsible for maintaining a record of the number of calendar days per calendar year that the vapor collection system or vapor control device is out of service and shall provide a record of such activity at the request of the CARB Executive Officer and/or the District.
(iii) If an alternate vapor control device compliant with this section is installed prior to conducting maintenance and the vapor collection and control system continues to collect and control vapors during the maintenance operation consistent with the applicable standards specified in 17 CCR 95671 (as outlined in conditions 26, 27, and 28), the event does not count towards the 14 calendar-day limit.
(iv) Vapor collection system and control device shutdowns that result from utility power outages are not subject to enforcement action provided the equipment resumes normal operation as soon as normal utility power is restored. Vapor collection system and control device shutdowns that result from utility power outages do not count towards the 14 calendar-day limit for maintenance.
[17 CCR 95671(d)-(g); Federal Enforceability: SIP requirement (87 FR 59314 & 89 FR 36729)]

29. The owner/operator shall maintain the following records for this equipment to comply with Title 17, Division 3, Chapter 1, Subchapter 10 Climate Change, Article 4 - Greenhouse Gas Emission Standards for Crude Oil and Natural Gas Facilities. These records must be made available to CARB and/or District staff upon request.
(a) For Centrifugal Natural Compressors [17 CCR 95672 (a)(8)&(9)]:
(i) Maintain, for at least five years from the date of each initial and final, if applicable, emissions flow rate measurement, a record of each wet seal emission flow rate measurement as specified in Appendix A, Table A7.
(ii) Maintain, for at least one calendar year, a record that documents the date(s) and hours of operation a compressor is operated in order to demonstrate compliance with the wet seal emission flow rate measurement in the event that the compressor is not operating during a scheduled inspection.
(b) Natural Gas Powered Pneumatic Controllers [17 CCR 95672 (a)(10)&(11)]:
(i) Maintain, while in service and for at least five years after removal from service, records of the location and manufacturer's specifications of each continuous bleed natural gas powered pneumatic controller subject to 95668(e)(2)(A). The location shall include latitude and longitude coordinates in decimal degrees to an accuracy and precision of five (5) decimals of a degree using the North American Datum of 1983.
(ii) Maintain, for at least five years from the date of each emissions flow rate measurement, a record of the initial and final, if applicable, emission flow rate measurement as specified in Appendix A, Table A7.
(c) Natural Gas Powered Pneumatic Pumps [17 CCR 95672 (a)(12)]:
(i) Maintain, while in service and for at least five years after removal from service, records of the location and manufacturer's specifications of each natural gas powered pneumatic pump. The location shall include latitude and longitude coordinates in decimal degrees to an accuracy and precision of five (5) decimals of a degree using the North American Datum of 1983.
(d) Leak Detection and Repair [17 CCR 95672 (a)(19-22)]:
(i) Maintain a current leak detection and repair plan as required in 17 CCR 95669(d)(1) (as outlined in condition 7).
(ii) Maintain, for at least five years from each inspection, a record of any deviations from the leak detection and repair plan or a statement that there were no deviations from the leak detection and repair plan.
(iii) Maintain, for at least five years from each inspection, a record of each leak detection and repair inspection as specified in Appendix A, Table A4.
(iv) Maintain, for at least five years from the date of each inspection, a component leak concentration and repair form for each inspection as specified in Appendix A, Table A5.
(e) Remotely Detected Emission Plumes [17 CCR 95672 (a)(23-24)]:
(i) Maintain, for at least five years from the date of each CARB notification of a methane emission plume identified using remote monitoring data, records demonstrating that venting was occurring due to an activity, if section 95669.1(b)(1) (as outlined in condition 20 (a)) applies.
(ii) Maintain, for at least five years from the date of each CARB notification of a methane emission plume identified using remote monitoring data, records of follow-up activities as specified in Appendix A, Table A8.
(f) Vapor Collection System and Vapor Controls [17 CCR 95672 (a)(25-26)]:
(i) Maintain, for at least five years from the end of each calendar year, records showing the number of calendar days in each calendar year that the vapor collection system or vapor control device was out of service.
(ii) Maintain records as specified in Appendix E(f) of 17 CCR 95665-95677.
(g) Delay of Repair
(i) Maintain, for at least five years, records documenting the conditions justifying the delay of repair request as described in 17 CCR 95670.1(a)(3)(A) through (E) (as outlined in condition 25 (c)(i)-(vii)).
[17 CCR 95672; Federal Enforceability: SIP requirement (87 FR 59314 & 89 FR 36729)]

30. Owner/operator shall report the following information to CARB and the District by July 1st of each calendar year unless otherwise specified:
(a) Centrifugal Natural Gas Compressors [17 CCR 95673 (a)(3)]:
(i) Annually, report the initial and final, if applicable, emission flow rate measurement for each wet seal and the number of wet seals as specified in Appendix A, Table A7.
(b) Natural Gas Powered Pneumatic Controllers [17 CCR 95673 (a)(4)]:
(i) Annually, report the initial and final, if applicable, emission flow rate measurement for each continuous bleed pneumatic controller with a designed emission flow rate of less than or equal to six (6) scfh as specified in Appendix A, Table A7.
(c) Leak Detection and Repair [17 CCR 95673 (a)(12-13)]:
(i) Annually, report the results of each leak detection and repair inspection conducted during the calendar year as specified in Appendix A, Table A4.
(ii) Annually, report the specified information in Appendix A, Table A5 for components measured above the minimum allowable leak threshold.
(d) Remotely Detected Emission Plumes [17 CCR 95673 (a)(14-19)]:
(i) Within five (5) calendar days after receiving an emission plume detection notification pursuant to 17 CCR 95669.1(a) (as outlined in condition 19), if 17 CCR 95669.1(b)(1) (as outlined in condition 20(a)) applies, report the date of the CARB/District notification, the emission ID provided in the notification, and a description of the venting, including a brief summary of the source of the venting and why

the venting occurred.
(ii) Within 72 hours after conducting an inspection pursuant to 17 CCR 95669.1(b) (as outlined in condition 20), report all the following information:
1. The date of the CARB/District notification.
2. The emission ID number provided by CARB in the notification.
3. The date of the inspection.
4. The type of inspection performed (Method 21 or optical gas imaging).
5. The type of emission source found, which shall be no emission source, a venting emission source, a leak detected using Method 21, or an unintentional emission source detected using optical gas imaging.
6. The initial mitigation plan, unless the emission source is not found or is a venting emission source. The initial mitigation plan shall consist of a statement of whether the emission source has already been successfully repaired and, if not, a brief description of what actions the owner/operator anticipates taking to repair the emission source.
(iii) Within five (5) calendar days after conducting an inspection pursuant to 17 CCR 95669.1(b) (as outlined in condition 20), if 17 CCR 95669.1(d)(1) (as outlined in condition 22(a)) applies, report the emission ID provided in the notification and a description of the venting, including a brief summary of the source of the venting and why the venting occurred.
(iv) Within five (5) calendar days after repairing a remotely detected emission source pursuant to 17 CCR 95669.1(d)(2) (as outlined in condition 22(b)), 95669.1(d)(3)(B) (as outlined in condition 22(c)(ii)), or 95669.1(d)(4) (as outlined in condition 22(d)), report the emission ID provided in the notification, the type of equipment associated with the emission source, and the date of repair. If the emission source was a leaking component, also report the type of component, the date of the US EPA Reference Method 21 (October 1, 2017) measurement, the initial leak concentration, and the post-repair leak concentration.
(v) Within five (5) calendar days after performing a US EPA Reference Method 21 (October 1, 2017) measurement following an optical gas imaging inspection (in response to a remote emission detection) that does not result in finding a leak over the leak concentration threshold as described in 17 CCR 95669.1(d)(3)(A) (as outlined in condition22(c)(i)), report the emission ID provided in the notification and a statement that the follow-up US EPA Reference Method 21 (October 1, 2017) measurement did not show a leak over the leak concentration threshold.
(vi) Annually, report the information specified in Appendix A, Table A8 for all remotely detected methane emission plume notifications received pursuant to 17 CCR 95669.1(a) (as outlined in condition 19).
(e) Delay of Repair [17 CCR 95673 (a)(20)]:
(i) Within three (3) calendar days after successful repair, report the date of successful repair and the repaired leak concentration or emission flow rate for all repairs delayed pursuant to 17 CCR 95670.1 (as outlined in condition 25).
(f) Vapor Collection Systems and Vapor Control Devices [17 CCR 95673 (a)(21)]:
(i) Within three (3) calendar days after completing maintenance and returning a vapor collection system or vapor control device to service following a time extension to perform maintenance pursuant to 17 CCR 95671(g)(1), report the date(s) the equipment was taken out of service and the date(s) the equipment was returned to service during the calendar year.
(g) Separator and Tank Systems Subject to Appendix D [17 CCR 95673 (a)(22)]:
(i) Complete the reporting requirements specified in Appendix D sections (g)(1)(B), (g)(2), and (h)(6).
[17 CCR 95673(a); Federal Enforceability: SIP requirement (87 FR 59314 & 89 FR 36729)]

31. Reports required by 17 CCR 95665-95677 shall be submitted as follows:
(a) Reports made to the California Air Resources Board (CARB) shall be submitted as follows:
(i) Reports for 17 CCR 95673(a)(1)-(6), (12)-(13), and (19) shall be submitted through the California Electronic Greenhouse Gas Reporting Tool (Cal e-GGRT), which is accessed at the following website address: https://caleggrt.arb.ca.gov/login.do.
(i) Reports for 17 CCR 95673(a)(7)-(11) shall be e-mailed to oilandgas@arb.ca.gov with the subject line "Natural Gas Underground Storage Reporting."
(iii) Reports for 17 CCR 95673(a)(14)-(18) shall be e-mailed to oilandgas@arb.ca.gov with the subject line "Remote Emission Detection Reporting."
(iv) Reports for 17 CCR 95673(a)(20) shall be e-mailed to oilandgas@arb.ca.gov with the subject line "Delay of Repair."
(v) Reports for 17 CCR 95673(a)(21) shall be e-mailed to oilandgas@arb.ca.gov with the subject line "Vapor Collection System Maintenance Extension."
(vi) Reports for 17 CCR 95673(a)(22) shall be submitted as specified in Appendix D.
(b) Reports made to the District shall be submitted electronically to reporting@mdaqmd.ca.gov with the subject line "O&G GHG Regulation Reporting".
[17 CCR 95673(b); Federal Enforceability: SIP requirement (87 FR 59314 & 89 FR 36729)]

32. A facility wide Comprehensive Emission Inventory (CEI) for all emitted criteria and toxic air pollutants must be submitted to the District, in a format approved by the District, upon District request.
[District Rule 107(b); H&S Code 39607 & 44341-44342; 17 CCR 93400 et seq.; and 40 CFR 51, Subpart A]