

RV 12/2/25

PETITION FOR VARIANCE
BEFORE THE HEARING BOARD OF THE
SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

SOUTH COAST AQMD
CLERK OF THE BOARDS
2025 OCT 21 AM 10:08

PETITIONER: CHEVRON PRODUCTS COMPANY CASE NO: 831-408
FACILITY ADDRESS: 324 W. El Segundo Blvd. FACILITY ID: 800030
City, State, Zip: El Segundo, CA 90245

1. TYPE OF VARIANCE REQUESTED (more than one box may be checked; see Attachment A before selecting)

INTERIM SHORT REGULAR EMERGENCY EX PARTE EMERGENCY

2. CONTACT: Name, title, company (if different than Petitioner), address, and phone number of persons authorized to receive notices regarding this Petition (no more than two authorized persons).

Andre West	Christopher H. Norton, Esq.
Chevron Products Company	Latham & Watkins LLP
324 W. El Segundo Blvd.	650 Town Center Drive, #2000
El Segundo, CA Zip 90245	Costa Mesa, CA Zip 90245
☎ (310) 615-5508 Ext.	☎ (714) 755-8084 Ext.
Fax (310) 615-5153	Fax (714) 755-8290
E-mail AndreWest@chevron.com	E-mail chris.norton@lw.com

3. RECLAIM Permit Yes No Title V Permit Yes No

4. **GOOD CAUSE:** Explain why your petition was not filed in sufficient time to issue the required public notice. (Required only for Emergency and Interim Variances; see Attachment A)

The Good Cause finding should not be required in this matter. Public notice requirements for the Petition for Regular Variance (Petition) have been satisfied.

5. Briefly describe the type of business and processes at your facility.

The subject equipment is located at the Chevron Refinery in El Segundo, California. The Refinery, owned and operated by Chevron Products Company, is a major producer of fuel. Processes include refining of crude oil and intermediates for gasoline, diesel, and jet fuel.

The facility RECLAIM permit No. 800030, dated October 9, 2025 (Facility Permit), further identifies and describes this equipment, copies of which are attached to this Petition as Exhibit 1.

6. List the equipment and/or activity(s) that are the subject of this petition (see Attachment A, Example #1). **Attach copies of the Permit(s) to Construct and/or Permit(s) to Operate for the subject equipment. For RECLAIM or Title V facilities, attach *only* the relevant sections of the Facility Permit showing the equipment or process and conditions that are subject to this petition. You must bring the entire Facility Permit to the hearing.**

Equipment/Activity	Application Permit No.	RECLAIM Device No.	Date Application/Plan Denied (if relevant)*
HEATER, ISOMAX TOPPING COLUMN REBOILER F-720, REFINERY/NATURAL GAS, WITH LOW NOX BURNER, 426.9 MMBTU/HR	631939	D641	N/A
HEATER, ISOMAX SPLITTER COLUMN REBOILER F-731, REFINERY/NATURAL GAS, WITH LOW NOX BURNER, 242.4 MMBTU/HR	631940	D643	N/A

*Attach copy of denial letter

7. Briefly describe the activity or equipment, and why it is necessary to the operation of your business. A schematic or diagram may be attached, in addition to the descriptive text.

Isomax CEMS 13 provides continuous emissions monitoring of nitrogen oxide and oxygen at the Isomax as required by District Rules and the Facility Permit (RECLAIM permit No. 800030). The Isomax is an essential part of the Refinery and is used to produce jet fuel. The Facility Permit further identifies and describes this equipment.

During the variance period, the Isomax will be down and cannot be operated. Although CEMS 13 remains operational, Petitioner will be unable to perform the RATA for CEMS 13 until the Isomax can be restarted. Furthermore, Petitioner will not be able to timely conduct ammonia source testing as required. Petitioner will therefore be unable to comply with all District rules and permit conditions during that time.

A copy of Petitioner's Selective Catalytic Reduction (SCR) Startup notification dated December 17, 2024 is attached to the Petition as Exhibit 2.

8. Is there a regular maintenance and/or inspection schedule for this equipment? Yes No

If yes, how often: Daily monitoring is being performed. Date of last maintenance and/or inspection: 10/22/2025
Describe the maintenance and/or inspection that was performed.

The subject equipment is inspected and maintained in accordance with industry practices. Petitioner conducts daily validation of Isomax CEMS 13. In particular, CEMS 13 undergoes daily and monthly preventative maintenance for the CEMS system in addition to NOx efficiency testing and ammonia testing. While maintenance was performed, the incident was unforeseen.

9. List all District rules, and/or permit conditions from which you are seeking variance relief (if requesting variance from Rule 401 or permit condition, see Attachment A). Briefly explain how you are or will be in violation of each rule or condition (see Attachment A, Example #2).

Rule	Explanation
District Rules 203(b), 2004(f)(1) and 3002(c)(1)	District Rule 203(b) states that permitted equipment shall not be operated contrary to the conditions specified in the Facility Permit. Similarly, RECLAIM Rule 2004(f)(1) requires compliance with all Facility Permit conditions. In addition, Rule 3002(c)(1) requires compliance with all Title V permit conditions; the Refinery is now a Title V facility. The Facility Permit includes conditions concerning the operation of the subject equipment. During the variance period, the subject equipment will be down and cannot be operated. As such, Petitioner will be unable to perform the RATA for CEMS 13 and will be unable to comply with all applicable District rules and permit conditions.

District Rule 2012(h)(6)	Rule 2012(h)(6) requires that the Facility Permit holder which installs a new major NOx source at an existing facility shall install, operate, and maintain all required or elected monitoring, reporting and recordkeeping systems no later than 12 months after the initial startup of the major NOx source. During the variance period, the subject equipment will be down and cannot be operated. As such, Petitioner will be unable to perform the RATA for CEMS 13 and will be unable to comply with all applicable District rules and permit conditions.
Permit Condition D82.18	The Facility Permit contains conditions applicable to the subject equipment. Permit Condition No. D82.18 requires that the operator install and maintain a CEMS to measure NOx concentration in ppmv. Concentrations shall be corrected to 3 percent oxygen on a dry basis. The CEMS shall be installed and operating no later than 12 months after initial startup of the SCR and shall comply with the requirements of Rule 2012. During the variance period, the subject equipment will be down and cannot be operated. As such, Petitioner will be unable to perform the RATA for CEMS 13 and will be unable to comply with all applicable District rules and permit conditions.
Permit Condition D29.29	The Facility Permit contains conditions applicable to the subject equipment. Permit Condition D29.29 requires that the operator conduct source testing for ammonia (NH3). The source test report shall be submitted to the District within 90 days of completion of the source test. During the variance period, the subject equipment will be down and cannot be operated. As such, Petitioner will be unable to perform timely ammonia source testing as required.
Administrative Condition 2 (Section E)	The Facility Permit contains administrative conditions applicable to the subject equipment. Administrative Condition No. 2 states that the operator shall maintain all equipment that ensures proper operation of the equipment. During the variance period, the subject equipment will be down and cannot be operated. As such, Petitioner will be unable to perform the RATA for CEMS 13 or ammonia source testing and will be unable to comply with all applicable District rules and permit conditions.

10. Are the equipment or activities subject to this request currently under variance coverage? Yes No

Case No.	Date of Action	Final Compliance Date	Explanation

11. Are any other equipment or activities at this location currently (or within the last six months) under variance coverage? Yes No

Case No.	Date of Action	Final Compliance Date	Explanation
831-407	August 25, 2025	August 31, 2025	A variance was required to clean fouling from the surfaces of the furnace tubes in the F-201A. Furnace (Furnace) at the Refinery while in operation. While the fouling was removed, the SCR must be bypassed to prevent damage. The Hearing Board granted the petition. The work was completed without incident.

831-405	April 7, 2025	May 22, 2025	Scrubbers V-3 and V-4 were taken offline for maintenance activities, which were not allowed per the Title V permit. The Hearing Board granted the petition. The scrubbers were cleaned and internals inspected and replaced. The scrubbers were returned to service without incident.
---------	---------------	--------------	---

12. Were you issued any Notice(s) of Violation or Notice(s) to Comply concerning this equipment or activity within the past year? Yes No If yes, you must attach a copy of each notice.

13. Have you received any complaints from the public regarding the operation of the subject equipment or activity within the last six months? Yes No If yes, you should be prepared to present details at the hearing.

14. Explain why it is beyond your reasonable control to comply with the rule(s) and/or permit condition(s):

Compliance in this matter is beyond Petitioner's reasonable control.

On Thursday, October 2, 2025, the Isomax fire caused an unforeseen emergency shutdown of the unit. The incident was unexpected and unforeseeable. Petitioner launched an investigation to determine the root cause of the incident which remains ongoing. As a result, Petitioner cannot maintain compliance with all applicable District rules and Facility Permit conditions for the subject equipment at the Isomax.

Petitioner was able to inspect the Isomax unit area after the incident. At that time, Petitioner discovered that both Isomax F-720 and F-731 were damaged and required repairs. The Isomax remained shutdown since the fire event. The furnaces will not be brought online until repairs are completed. Petitioner anticipates that the equipment will be brought back online and the RATA performed on CEMS 13 and ammonia source testing conducted no later than June 30, 2026.

In 2024, work at Isomax, including F-720 and F-731, was performed to install an SCR as part of upgrades. These modifications were required under Rule 1109.1 to reduce NOx. Currently, Isomax CEMS 13 is working, calibrating, and passing validation to ensure compliance with District emissions monitoring requirements. However, F-720 and F-731 are still non-operational due to the damage.

Certification testing on Isomax CEMS 13 was scheduled to be performed in October of 2025. Petitioner will be unable to perform certification testing on CEMS 13 due to the incident and non-operation of F-720 and F-731. Petitioner is working diligently on the repair of the subject equipment so that the RATA can be performed on CEMS 13 as soon as practicable.

Petitioner has launched an internal investigation to determine the root cause of the incident which remains ongoing. The incident was unexpected and unforeseeable. Due to the incident, compliance with all applicable District rules and Facility Permit conditions is beyond Petitioner's reasonable control.

15. When and how did you first become aware that you would not be in compliance with the rule(s) and/or permit condition(s)?

Shortly after the incident, Petitioner first became aware that Isomax F-720 and F-731 were damaged and would not be operational. As such, Petitioner is unable to perform the required RATA on CEMS 13 which is due on December 3, 2025. Petitioner is also unable to perform the required quarterly ammonia testing which is due on December 31, 2025. Petitioner is working diligently on the repair of the subject equipment so that the RATA can be performed on CEMS 13 as soon as practicable.

16. What actions have you taken since that time to achieve compliance?

Petitioner is working diligently in response to the incident. Chevron is conducting an investigation into the root cause of the fire. The furnaces will not be brought back online until repairs are complete. Petitioner anticipates that the equipment will be brought back online and the RATA performed on CEMS 13 and ammonia source testing completed no later than June 30, 2026.

See also Paragraph 14 above.

17. What would be the harm to your business during and/or after the period of the variance if the variance were not granted?

Economic losses: Potential for significant fines and penalties

Number of employees laid off (if any): N/A

Provide detailed information regarding economic losses, if any (anticipated business closure, breach of contracts, hardship on customers, layoffs, and/or similar impacts).

Because of the incident, Petitioner cannot remain in compliance with all District rules and permit conditions during the variance period. Although CEMS 13 remains operational, the Isomax will be down and cannot be operated. Petitioner will be unable to perform the RATA for CEMS 13 until the Isomax can be restarted. As such, Petitioner will be unable to comply with all applicable District rules and permit conditions during that time. Without a variance, Petitioner may be subject to fines and penalties due to noncompliance with District rules and permit conditions. Petitioner is working diligently to stabilize and startup units due to the Isomax incident. Please note that there are no excess emissions in this matter.

18. Can you curtail or terminate operations in lieu of, or in addition to, obtaining a variance? Please explain.

No. Petitioner has considered the option of curtailing or terminating Refinery operations in lieu of obtaining a variance. Achieving compliance through curtailment is not an option in this matter. This cannot be done here.

To comply with applicable District rules and permit conditions, the RATA on CEMS 13 needs to be performed to achieve compliance in this matter. The furnaces will not be brought back online until repairs are complete. Curtailment or termination of operations will not achieve final compliance in this matter. The subject furnaces require repairs and will remain non-operational for nearly all the duration of this variance.

Petitioner anticipates that the equipment will be brought back online and the RATA performed on CEMS 13 no later than June 30, 2026.

19. Estimate excess emissions, if any, on a daily basis, including, if applicable, excess opacity (the percentage of total opacity above 20% during the variance period). If the variance will result in no excess emissions, skip to No. 20.

Pollutant	(A)	(B)	(C)*
	Total Estimated Excess Emissions (lbs/day)	Reduction Due to Mitigation (lbs/day)	Net Emissions After Mitigation (lbs/day)
No excess emissions	N/A	N/A	N/A

* Column A minus Column B = Column C

Excess Opacity: None.

20. Show calculations used to estimate quantities in No. 19 or explain why there will be no excess emissions.

There are no excess emissions in this matter.

21. Explain how you plan to reduce (mitigate) excess emissions during the variance period to the maximum extent feasible, or why reductions are not feasible.

There are no excess emissions in this matter. While CEMS 13 is operational, the furnaces are not. Petitioner continues to work diligently to repair damage at Isomax furnaces F-720 and F-731. The furnaces will not be brought back online until the repairs are complete. Petitioner anticipates that the equipment will be brought back online and the RATA performed on CEMS 13 no later than June 30, 2026.

22. How do you plan to monitor or quantify emission levels from the equipment or activity(s) during the variance period, and to make such records available to the District? **Any proposed monitoring does not relieve RECLAIM facilities from applicable missing data requirements.**

The equipment in this matter will be monitored by CEMS 13. While under provisional certification, CEMS 13 is operational while Petitioner continues to investigate the incident. The Isomax furnaces F-720 and F-731 will not be operational. As such, Petitioner expects the CEMS to record zero emission from the equipment during the variance period.

23. How do you intend to achieve compliance with the rule(s) and/or permit condition(s)? Include a detailed description of any equipment to be installed, modifications or process changes to be made, permit conditions to be amended, etc., dates by which the actions will be completed, and an estimate of total costs.

Chevron intends to achieve compliance with the applicable provisions of District Rules and Regulations by working safely and expeditiously to minimize the period for maintenance, inspection and repair. Chevron will employ personnel as necessary to help restore the equipment to compliant operation as soon as possible.

A copy of Petitioner's Proposed Regular Variance Conditions in this matter is attached as Exhibit 3.

24. State the date by which you expect to achieve final compliance: June 30, 2026.

If the regular variance is to extend beyond one year, you **must** include a **Schedule of Increments of Progress**, specifying dates or time increments for steps needed to achieve compliance. See District Rule 102 for definition of Increments of Progress (see Attachment A, Example #3).

List Increments of Progress here: Not Applicable

Final compliance should be achieved when Isomax CEMS 13 can be certified. The furnaces will not be brought back online until repairs are complete. Petitioner anticipates that the equipment will be brought back online and the RATA performed on CEMS 13 no later than June 30, 2026.

25. List the names of any District personnel with whom facility representatives have had contact concerning this variance petition or any related Notice of Violation or Notice to Comply.

District Inspector Huy Dang (310) 233-7016

The undersigned, under penalty of perjury, states that the above petition, including attachments and the items therein set forth, is true and correct.

Executed on October 24, 2025

at El Segundo, California

Andre West
Signature

Andre West
Print Name


Environmental Execution Specialist
Title

EXHIBIT 1

FACILITY PERMIT TO OPERATE CHEVRON PRODUCTS CO.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 7: HYDROCRACKING					P13.1
 HEATER, ISOMAX TOPPING COLUMN REBOILER, F-720, REFINERY/NATURAL GAS, WITH LOW NOX BURNER, 426.9 MMBTU/HR WITH A/N: 631939 BURNER, REFINERY/NATURAL GAS, CALLIDUS, MODEL LE-CSG-10W, WITH LOW NOX BURNER, 36 TOTAL; 426.9 MMBTU/HR	D641	C4523	NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; HAP: (10) [40CFR 63 Subpart DDDDD, 10-6-2022]; NOX: 3.8 PPMV (5) [RULE 1109.1, 11-5-2021]; NOX: 37.3 LBS/HR (4) [RULE 2005(d) -Emission Increase, 12-4-2015; RULE 2005(d)-Emission Increase, 11-5-2021]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]; SOX: 3.44 LBS/HR (4) [RULE 2005(d) -Emission Increase, 12-4-2015; RULE 2005(d)-Emission Increase, 11-5-2021]	A63.38, A99.23, A99.24, A99.25, A195.46, A195.47, A195.50, B61.15, C1.181, C1.182, D29.28, D82.18, D90.49, D328.1, H23.2, K67.87

* (1) (1A) (1B) Denotes RECLAIM emission factor
 (3) Denotes RECLAIM concentration limit
 (5) (5A) (5B) Denotes command and control emission limit
 (7) Denotes NSR applicability limit
 (9) See App B for Emission Limits

(2) (2A) (2B) Denotes RECLAIM emission rate
 (4) Denotes BACT emission limit
 (6) Denotes air toxic control rule limit
 (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (10) See section J for NESHAP/MACT requirements

** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE CHEVRON PRODUCTS CO.

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 7: HYDROCRACKING					P13.1
HEATER, ISOMAX SPLITTER COLUMN REBOILER, F-731, REFINERY/NATURAL GAS, WITH LOW NOX BURNER, 242.4 MMBTU/HR WITH A/N: 631940 BURNER, MODEL LE-CSG-6W, MODEL CALLIDUS, WITH LOW NOX BURNER, 36 TOTAL; 242.4 MMBTU/HR	D643	C4523	NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; HAP: (10) [40CFR 63 Subpart DDDDD, 10-6-2022]; NOX: 3.8 PPMV (5) [RULE 1109.1, 11-5-2021]; NOX: 28.48 LBS/HR (4) [RULE 2005(d) -Emission Increase, 12-4-2015; RULE 2005(d)-Emission Increase, 11-5-2021]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]; SOX: 1.87 LBS/HR (4) [RULE 2005(d) -Emission Increase, 12-4-2015; RULE 2005(d)-Emission Increase, 11-5-2021]	A63.38, A99.23, A99.24, A99.25, A195.48, A195.49, A195.50, B61.15, C1.183, C1.184, D29.28, D82.18, D90.49, D328.1, H23.2, K67.87
SELECTIVE CATALYTIC REDUCTION, CM33ST, CORMETECH CERAMIC HONEYCOMB CATALYST OR AN APPROVED EQUIVALENT CATALYST, 1197 CU.FT.; WIDTH: 11 FT 6 IN; HEIGHT: 3 FT 10 IN; LENGTH: 28 FT 2.5 IN WITH A/N: 631938 AMMONIA INJECTION, 29% AQUEOUS AMMONIA	C4523	D641 D643 S4524		NH3: 5 PPMV (4) [RULE 1303(a) (1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]	D12.49, D12.50, D12.51, D29.29, D82.17, E519.4, K67.87
STACK A/N: 631938	S4524	C4523			
System 7: ISOMAX DEPENTANIZER UNIT					S13.2, S15.10, S31.22, S56.1

* (1) (1A) (1B) Denotes RECLAIM emission factor
 (3) Denotes RECLAIM concentration limit
 (5) (5A) (5B) Denotes command and control emission limit
 (7) Denotes NSR applicability limit
 (9) See App B for Emission Limits

(2) (2A) (2B) Denotes RECLAIM emission rate
 (4) Denotes BACT emission limit
 (6) Denotes air toxic control rule limit
 (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (10) See section J for NESHAP/MACT requirements

** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

- ✓(h) (5) systems no later than 12 months after entry into RECLAIM. During the 12 months prior to the installation of the required or elected monitoring, reporting and recordkeeping systems the Facility Permit holder shall comply with the monitoring reporting, and recordkeeping requirements of paragraphs (h)(2) and (h)(3) of this rule.
- ✓(6) The Facility Permit holder which installs a new major NO_x source at an existing facility shall install, operate, and maintain all required or elected monitoring, reporting and recordkeeping systems no later than 12 months after the initial start up of the major NO_x source. During the interim period between the initial start up of the major NO_x source and the provisional certification date of the CEMS, the Facility Permit holder shall comply with the monitoring requirements of paragraph (h)(2) and (h)(3) of this rule.
- (i) Recordkeeping
The Facility Permit holder of a major or large NO_x source or NO_x process unit shall maintain all data required to be gathered, computed or reported pursuant to this rule and Appendix A for three years after each APEP report is submitted to the District except that all data gathered or computed for intervals of less than 15 minutes shall be maintained for a minimum of 48 hours. The Facility Permit holder of a major NO_x source which is required to comply with 40 CFR Part 75 may instead opt to comply with the applicable recordkeeping requirements under 40 CFR Part 75. All records shall be made available to the District staff upon request.
- (j) Source Testing
- (1) All required source testing shall comply with applicable District Source Test Methods 1.1, 1.2, 2.1, 2.2, 2.3, 3.1, 4.1, 7.1, 100.1, and EPA Method 19.
 - (2) Every large NO_x source shall be source tested no later than December 31, 1996 for Cycle 1 facilities and June 30, 1997 for Cycle 2 facilities, and subsequently tested within every three-year period thereafter. Any source test conducted to satisfy this requirement must be conducted at least 12 months following the tests submitted to satisfy the previous three-year period. Such source test results shall be submitted to the District within 60 days of the date the source test was conducted. In lieu of submitting the first source test report, the Facility Permit holder may submit the results of a source test not more than three years old which meets applicable

FACILITY PERMIT TO OPERATE CHEVRON PRODUCTS CO.

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

NH₃ concentration in ppmv

Concentrations shall be corrected to 3 percent oxygen on a dry basis.

The CEMS shall be installed and maintained to continuously record (at least one valid data point every 15 minutes) the parameter being measured

Continuous operation of the monitoring system is not required when necessary calibration, maintenance, or repair activities are performed in accordance with manufacturer's recommendation. The operator shall take all reasonable actions to minimize the time required to perform such activities. In no event, shall any such activities exceed 96 consecutive hours for any one calibration, maintenance or repair episode.

The data obtained by the NH₃ CEMS shall not be used for compliance determination unless it has been certified by the Executive Officer. After such certification, the CEMS shall be operated in accordance with the approved QA/QC Plan for the NH₃ CEMS.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : C4523]

✓ D82.18 The operator shall install and maintain a CEMS to measure the following parameters:

FACILITY PERMIT TO OPERATE CHEVRON PRODUCTS CO.

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

NOX concentration in ppmv

Concentrations shall be corrected to 3 percent oxygen on a dry basis.

✓ The CEMS shall be installed and operating no later than 12 months after initial startup of the SCR and shall comply with the requirements of Rule 2012. During the interim period between the initial startup and provisional certification date of the CEMS, the operator shall comply with the monitoring requirements of Rule 2012(h)(2) and 2012(h)(3). Within two weeks after the SCR startup date, the operator shall provide written notification to the District of the exact date of startup

[RULE 2012, 5-6-2005]

[Devices subject to this condition : D641, D643]

D90.15 The operator shall periodically monitor the Perchloroethylene concentration during filling operations at the outlet of the first carbon canister according to the following specifications:

The operator shall use a Draeger tube or any AQMD approved unit to monitor the parameter.

The operator shall monitor once every start, middle and end of the filling cycle.

Records shall be kept to demonstrate compliance with this condition. Such records shall include, but not limited to, the date of carbon replacement, the date and cumulative total volume of materials filled into the tank after each total carbon replacement, and the date, time and results of the required Perchloroethylene monitoring.

[RULE 1401, 7-10-1998]

[Devices subject to this condition : C2090]

D90.25 The operator shall continuously monitor the opacity at the stack according to the following specifications:

FACILITY PERMIT TO OPERATE CHEVRON PRODUCTS CO.

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

For NOx emissions, the tests shall be conducted to measure the mass emissions in pounds per hour.

For CO emissions, the test shall be conducted to measure the concentration in ppmv at 3% O2.

Source test results shall also include oxygen content of exhaust gases, exhaust flow rate, and flue gas temperature at the outlet of the SCR.

The test shall be conducted within 90 days after the SCR becoming fully operational.

The source tests listed shall only be required during the initial performance test after the SCR becomes fully operational. The South Coast AQMD shall be notified of the date and time of the test at least 10 days prior to the test and test results submitted to the South Coast AQMD within 60 days after the test date.

The test shall be conducted with the heater operating at least 80 percent of the maximum hourly permitted capacity or within a capacity range approved by the South Coast AQMD.

If the SCR is not operated in any given quarter, the operator may elect to defer the required testing to a quarter in which the equipment is operated.

[RULE 1109.1, 11-5-2021]

[Devices subject to this condition : D641, D643]

✓ D29.29 The operator shall conduct source test(s) for the pollutant(s) identified below.

Pollutant(s) to be tested	Required Test Method(s)	Averaging Time	Test Location
NH3 emissions	District method 207.1	District-approved averaging time	Outlet of the SCR Unit

FACILITY PERMIT TO OPERATE CHEVRON PRODUCTS CO.

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

The test shall be conducted quarterly during the first 12 months of being subject to a Rule 1109.1 NO_x limit.

The test shall be conducted annually after the first 12 months of being subject to a Rule 1109.1 NO_x limit, if four consecutive quarterly source tests demonstrate compliance with the ammonia permit limit.

If annual testing demonstrates exceedance of the ammonia permit limit, four consecutive quarterly source tests must demonstrate compliance with the ammonia permit limit, prior to resuming annual source tests.

The test shall be conducted when this equipment is operating at a normal (as-found) firing rate.

The minute-by-minute NO_x concentration, O₂ concentration, and NO_x mass data from the certified CEMS shall be provided in the source test report.

The ammonia injection rate shall be continuously recorded during the source test.

NH₃ emission test result shall be expressed as parts per million by volume, dry, corrected to 3% O₂.

The test shall be conducted to demonstrate compliance with the NH₃ emission limit of the SCR Unit.

The operator shall notify the District of the date and time of the test by calling 1-800-CUT-SMOG at least 1 week prior to the test.

The test shall be conducted and test report submitted in accordance with a District approved protocol and Section E - Administrative Conditions of Title V facility permit. The protocol shall be submitted for approval at least 60 days prior to the test. The test shall be conducted within 90 days of approval of the source test protocol. The source test report shall be submitted to the District within 90 days of completion of the source test.

[RULE 1109.1, 11-5-2021]

FACILITY PERMIT TO OPERATE CHEVRON PRODUCTS CO.

SECTION E: ADMINISTRATIVE CONDITIONS

The operating conditions in this section shall apply to all permitted equipment at this facility unless superseded by condition(s) listed elsewhere in this permit.

1. The permit shall remain effective unless this permit is suspended, revoked, modified, reissued, denied, or it is expired for nonpayment of permit processing or annual operating fees. [201, 203, 209, 301]
 - a. The permit must be renewed annually by paying annual operating fees, and the permit shall expire if annual operating fees are not paid pursuant to requirements of Rule 301(d). [301(d)]
 - b. The Permit to Construct listed in Section H shall expire one year from the Permit to Construct issuance date, unless a Permit to Construct extension has been granted by the Executive Officer or unless the equipment has been constructed and the operator has notified the Executive Officer prior to the operation of the equipment, in which case the Permit to Construct serves as a temporary Permit to Operate. [202, 205]
 - c. The Title V permit shall expire as specified under Section K of the Title V permit. The permit expiration date of the Title V facility permit does not supercede the requirements of Rule 205. [205, 3004]
- ✓ 2. The operator shall maintain all equipment in such a manner that ensures proper operation of the equipment. [204]
3. This permit does not authorize the emissions of air contaminants in excess of those allowed by Division 26 of the Health and Safety Code of the State of California or the Rules and Regulations of the SCAQMD. This permit cannot be considered as permission to violate existing laws, ordinances, regulations or statutes of other governmental agencies. [204]
4. The operator shall not use equipment identified in this facility permit as being connected to air pollution control equipment unless they are so vented to the identified air pollution control equipment which is in full use and which has been included in this permit. [204]

EXHIBIT 2



Stefanie Poon
Lead Environmental
Specialist, Compliance

**Health, Safety &
Environmental**
Chevron Products Company
324 W. El Segundo Blvd.
El Segundo, CA 90245
Tel 310.615.3215
StefaniePoon@Chevron.com

December 17, 2024

Yasaman Houshang
South Coast Air Quality Management District
21865 Copley Drive
Diamond Bar, CA 91765

El Segundo Refinery Facility ID 800030 – Start-up of SCR

Yasaman Houshang,

Pursuant to the requirements of the District's Regulation II, this is to inform you of the start-up of the following equipment per Permit condition D82.18:

- F-720 and F-731 SCR (Application #613939). Start-up was initialed with ammonia injection and completed on December 3, 2024.

If you have any questions regarding this submittal, please contact me by phone at (310) 615-5370, or by e-mail at BLFL@chevron.com, or contact Pearl Lee at (310) 615-3693, or by e-mail at Pearl.Lee@Chevron.com.

Sincerely,

A handwritten signature in cursive script that reads "Stefanie".

Stefanie Poon

Yasaman Houshang
South Coast Air Quality Management District
December 17, 2024
Page 2

Cc:
Huy Dang

EXHIBIT 3

CHEVRON PRODUCTS COMPANY (FID 800030)
CASE NO. 831-408
PROPOSED REGULAR VARIANCE CONDITIONS

1. Petitioner shall complete the startup process for Isomax furnaces F-720 and F-731 at the Refinery as soon as practical following repairs but no later than June 30, 2026.
2. Petitioner shall inform the District Inspector, by email attention AQ Inspector Huy Dang at hdang@aqmd.gov, after SCR is brought online.
3. Petitioner shall notify the District via 800-CUT-SMOG and by email attention AQ Inspector Huy Dang at hdang@aqmd.gov at least ten (10) days before the certification test date.
4. Petitioner shall notify the Clerk of the Hearing Board and the District by email (hdang@aqmd.gov) within 5 days of achieving final compliance in this matter.