



# South Coast Air Quality Management District

21865 Copley Drive, Diamond Bar, CA 91765-4178  
(909) 396-2000 • www.aqmd.gov

## **HYBRID LOCAL GOVERNMENT & SMALL BUSINESS ASSISTANCE ADVISORY GROUP MEETING**

### **Advisory Group Members**

Mayor Pro Tem Carlos Rodriguez, LGSBA Chair (Board Member)

Mayor Patricia Lock Dawson (Board Member)

Felipe Aguirre

Rachelle Arizmendi

Paul Avila, P.B.A. & Associates

Geoffrey Blake, Metal Finishers of Southern California

Vice Mayor Ted Bui

Todd Campbell, Clean Energy

LaVaughn Daniel, Danco EN

John DeWitt, JE DeWitt, Inc.

Bill LaMarr, California Small Business Alliance

Rita Loof, RadTech International

Eddie Marquez, Roofing Contractors Association

David Rothbart, Los Angeles County Sanitation Districts

Mayor Blair Stewart

Mayor Pro Tem James Breitling

**FRIDAY, JANUARY 17, 2025 ♦ 11:30 a.m.**

### **TELECONFERENCE LOCATION(S)**

**2917 Via San Jacinto  
San Clemente, CA 92672**

**A meeting of the South Coast Air Quality Management District Local Government and Small Business Assistance Advisory Group will be held at 11:30 a.m. on Friday, January 17, 2025, through a hybrid format of in-person attendance in Conference Room GB at the South Coast AQMD Headquarters, 21865 Copley Drive, Diamond Bar, California, and remote attendance via videoconferencing and by telephone. Please follow the instructions below to join the meeting remotely.**

**Please refer to South Coast AQMD's website for information regarding the format of the meeting, updates if the meeting is changed to a full remote via webcast format, and details on how to participate:**

<http://www.aqmd.gov/home/news-events/meeting-agendas-minutes>

**ELECTRONIC PARTICIPATION**

(Instructions provided at bottom of the agenda)

**Join Zoom Meeting – from PC or Laptop, or Phone**

**<https://scagmd.zoom.us/j/92459924491>**

**Zoom Webinar ID:** 924 5992 4491 (applies to all)

**Teleconference Dial In:** +1 669 900 6833

**One tap mobile:** +16699006833, 92459924491#

**Audience will be allowed to provide public comment in person  
or through Zoom connection or telephone.**

**PUBLIC COMMENT WILL STILL BE TAKEN**

Phone controls for participants: The following commands can be used on your phone's dial pad while in  
Zoom Webinar meeting:

- \*6 - Toggle mute/unmute
- \*9 - Raise hand

## **AGENDA**

*Members of the public may address this body concerning any agenda item before or during consideration of that item (Gov't Code Section 54954.3(a)). If you wish to speak, raise your hand on Zoom or press Star 9 if participating by telephone. All agendas for regular meetings are posted at South Coast AQMD Headquarters, 21865 Copley Drive, Diamond Bar, California, at least 72 hours in advance of the regular meeting. Speakers may be limited to three (3) minutes total for all items on the agenda.*

### **CALL TO ORDER**

### **ROLL CALL**

1. Call to Order/Opening Remarks  
*(No Motion Required)*

**Mayor Pro Tem Carlos Rodriguez**  
*LGSBA Chair*

### **ACTION ITEM:**

2. Approval of November 8, 2024, Meeting Minutes  
*(Motion Required)*  
*[Attachment 1]*

**Mayor Pro Tem Carlos Rodriguez**

### **DISCUSSION ITEMS (Items 3 through 6):**

3. Review of Follow-Up and Action Items  
*Staff will review follow-up/action items identified in the previous meeting.*  
*(No Motion Required)*
4. Overview of 2025 Rule Forecast  
*Staff will provide an overview on the 2025 Rule Forecast.*  
*(No Motion Required)*  
*[Attachment 2]*
5. 2025 Compliance Deadlines and Training  
*Staff will provide an overview of South Coast AQMD's upcoming 2025 Compliance deadlines and Compliance classes available to the public.*  
*(No Motion Required)*  
*[Attachment 3]*
6. Update on Outreach for Proposed Amended Rules 1111 & 1121  
*Staff will provide an update on the outreach for Proposed Amended Rules 1111: Reduction of NOx Emissions from Natural-Gas Fired Furnaces & 1121: Reduction of NOx*

**Lisa Tanaka**  
*Deputy Executive Officer*  
*Legislative, Public Affairs & Media*

**Michael Morris**  
*Planning & Rules Manager,*  
*Planning, Rule Development &*  
*Implementation*

**Marvin Ignacio**  
*Air Quality Engineer II*  
*Legislative, Public Affairs & Media*

**Lisa Tanaka**  
*Deputy Executive Officer*  
*Legislative, Public Affairs & Media*

*Emissions from Small Natural Gas-Fired Water Heaters and will seek input from LGSBA on outreach efforts.*

***(No Motion Required)***

***[Attachment 4]***

## **OTHER MATTERS:**

7. **Other Business**

*Any member of this body, or its staff, on his or her own initiative or in response to questions posed by the public, may ask a question for clarification, may make a brief announcement or report on his or her own activities, provide a reference to staff regarding factual information, request staff to report back at a subsequent meeting concerning any matter, or may take action to direct staff to place a matter of business on a future agenda. (Gov't Code Section 54954.2)*

8. **Public Comment Period**

*At the end of the regular meeting agenda, an opportunity is provided for the public to speak on any subject within the Local Government and Small Business Assistance Advisory Group's authority that is not on the agenda. Speakers may be limited to three (3) minutes each.*

9. **Next Meeting Date** – Friday, June 13, 2025, at 11:30 a.m.

## **ADJOURNMENT**

### **Document Availability**

*All documents (i) constituting non-exempt public records, (ii) relating to an item on an agenda for a regular meeting, and (iii) having been distributed to at least a majority of the Advisory Group after the agenda is posted, are available by contacting Van Doan at (909) 396-3117 or send the request to [kdoan@aqmd.gov](mailto:kdoan@aqmd.gov).*

### **Americans with Disabilities Act and Language Accessibility**

*Disability and language-related accommodations can be requested to allow participation in the Local Government and Small Business Assistance Advisory Group meeting. The agenda will be made available, upon request, in appropriate alternative formats to assist persons with a disability (Gov't Code Section 54954.2(a)). In addition, other documents may be requested in alternative formats and languages. Any disability or language-related accommodation must be requested as soon as practicable. Requests will be accommodated unless providing the accommodation would result in a fundamental alteration or undue burden to the South Coast AQMD. Please contact Van Doan at (909) 396-3117 from 7:00 a.m. to 5:30 p.m., Tuesday through Friday, or send the request to [kdoan@aqmd.gov](mailto:kdoan@aqmd.gov).*

## INSTRUCTIONS FOR ELECTRONIC PARTICIPATION

### **Instructions for Participating in a Virtual Meeting as an Attendee**

As an attendee, you will have the opportunity to virtually raise your hand and provide public comment.

Before joining the call, please silence your other communication devices such as your cell or desk phone. This will prevent any feedback or interruptions during the meeting.

**Please note:** During the meeting, all participants will be placed on Mute by the host. You will not be able to mute or unmute your lines manually.

After each agenda item, the Chair will announce public comment.

A countdown timer will be displayed on the screen for each public comment. If interpretation is needed, more time will be allotted.

**Once you raise your hand to provide public comment, your name will be added to the speaker list. Your name will be called when it is your turn to comment. The host will then unmute your line.**

### **Directions for Video ZOOM on a DESKTOP/LAPTOP:**

- If you would like to make a public comment, please click on the “**Participants**” button on the bottom of the screen.
- A list of participants will appear on the right side of the screen. At the bottom of the list, please click on the grey “**Raise Hand**” button.
- This will signal to the host that you would like to provide a public comment and you will be added to the list.

### **Directions for Video Zoom on a SMARTPHONE:**

- If you would like to make a public comment, please click on the “**Participants**” button on the bottom of your screen.
- A new screen will pop up with the list of participants. Look for the “**Raise Hand**” button on the screen and click the button.
- This will signal to the host that you would like to provide a public comment and you will be added to the list.

### **Directions for TELEPHONE line only:**

- If you would like to make public comment, please **dial \*9** on your keypad to signal that you would like to comment.



# South Coast Air Quality Management District

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## LOCAL GOVERNMENT & SMALL BUSINESS ASSISTANCE (LGSBA) ADVISORY GROUP FRIDAY, NOVEMBER 8, 2024 MEETING MINUTES

### MEMBERS PRESENT:

South Coast AQMD Board Members:  
Councilmember Carlos Rodriguez, LGSBA Chair  
Supervisor Curt Hagman

### Public Members:

Paul Avila, P.B.A. & Associates  
Mayor Pro Tem James Breitling, City of Upland  
Vice Mayor Ted Bui, City of Fountain Valley  
LaVaughn Daniel, DancoEN  
John DeWitt, JE DeWitt, Inc.  
Bill LaMarr, California Small Business Alliance  
Rita Loof, RadTech International  
David Rothbart, Los Angeles County Sanitation Districts

### MEMBERS ABSENT:

South Coast AQMD Board Members:  
Mayor Patricia Lock Dawson  
Mayor José Luis Solache

### Public Members:

Felipe Aguirre  
Rachelle Arizmendi  
Geoffrey Blake, Metal Finishers of Southern California  
Todd Campbell, Clean Energy  
Eddie Marquez, Roofing Contractors Association  
Mayor Pro Tem Blair Stewart, City of Brea

### OTHERS PRESENT:

Harvey Eder  
Andrew Silva, Board Member Consultant (*Lock Dawson*)  
Mark Taylor, Board Member Consultant (*Rodriguez*)  
Debra Mendelsohn, Board Member Consultant (*McCallon*)  
Geoffrey Blake

**SOUTH COAST AQMD STAFF:**

Susan Nakamura, Chief Operating Officer  
Sujata Jain, Chief Financial Officer  
Jason Aspell, Deputy Executive Officer  
Dr. Anissa Cessa Heard-Johnson, Deputy Executive Officer  
Aaron Katzenstein, Deputy Executive Officer  
Terrence Mann, Deputy Executive Officer  
Lisa Tanaka, Deputy Executive Officer  
Mei Wang, Assistant Deputy Executive Officer  
Nicholas Sanchez, Assistant Chief Deputy Counsel  
Daphne Hsu, Principal Deputy District Counsel  
John Kampa, Financial Services Manager  
Vasileios Papapostolou, Planning and Rules Manager  
Denise Peralta Gailey, Public Affairs Manager  
Elaine-Joy Hills, Senior Staff Specialist  
De Groeneveld, Information Technology Supervisor  
Chhai Chorn, Air Quality Engineer  
Van Doan, Air Quality Specialist  
Roupen Karakouzian, Financial Analyst  
Debra Ashby, Sr. Public Affairs Specialist  
Nydia Ibarra, Public Affairs Specialist  
Cristina Lopez, Sr. Public Affairs Specialist  
Aisha Reyes, Sr. Public Affairs Specialist.  
Cindy Bustillos, Executive Secretary  
Matthew Ceja, Legislative Analyst  
Ghislain Muberwa, Information Technology Specialist I  
Lara Brown, Sr. Administrative Assistant  
Michelle Prince, Supervising Office Assistant

**Agenda Item #1 – Roll Call/Call to Order/Opening Remarks**

LGSBA Chair Carlos Rodriguez called the meeting to order at 11:30 a.m., roll call was taken, and a quorum was present.

For additional details of the LGSBA Advisory Group Meeting, please refer to the [Webcast](#).

**Agenda Items #2 and #3 – Approval of June 14, 2024 and August 9, 2024 Meeting Minutes**

LGSBA Chair Rodriguez called for approval of the June 14, 2024 and August 9, 2024 meeting minutes.

There were no public comments.

Motion to approve minutes made by Supervisor Curt Hagman; seconded by Paul Avila; approved.

Ayes: Avila, Bui, Daniel, DeWitt, Hagman, LaMarr, Loof, Rodriguez, Rothbart

Noes: None

Abstained: Breitling

Absent: Aguirre, Arizmendi, Blake, Campbell, Lock Dawson, Marquez, Solache, Stewart

For additional details, please refer to the [Webcast](#), beginning at 0:05:35.

**Agenda Item #4 – Approval of Local Government & Small Business Assistance Advisory Group (LGSBA) 2024 Accomplishments and Seek Items for 2025 Goals & Objectives**

LGSBA Chair Rodriguez called for approval of the 2024 LGSBA Accomplishments and input on 2025 Goals & Objectives. Members proposed 2025 priorities, including updates on the Clean Fuels Program and Compliance & Enforcement activities, focusing on non-emission-related NOVs, AB 617 progress and Monitoring and Analysis projects.

Harvey Eder made public comment on data collection, electric lawn equipment, heat pumps, and solar power. For additional details, please refer to the [Webcast](#), beginning at 51:15.

Motion to approve 2024 Accomplishments and amended list of items for 2025 Goals and Objectives made by Supervisor Hagman; seconded by Ted Bui; approved.

Ayes: Avila, Breitling, Bui, Daniel, DeWitt, Hagman, LaMarr, Loof, Rodriguez, Rothbart

Noes: None

Abstained: None

Absent: Aguirre, Arizmendi, Blake, Campbell, Lock Dawson, Marquez, Solache, Stewart

For additional details, please refer to the [Webcast](#), beginning at 6:50.

**Agenda Items #5 – Review of Follow-up and Action Items**



Lisa Tanaka, Deputy Executive Officer, Legislative, Public Affairs and Media, commented that the action item from the August 9, 2024 meeting regarding clarification on quorum and communicating recommendations by the advisory group to the Administrative Committee will be presented and discussed under Agenda Item #6.

**Agenda Items #6 – Overview on LGSBA Procedures to Adopt a Formal Recommendation**

Daphne Hsu, Principal Deputy District Counsel, presented LGSBA Procedures to Adopt a Formal Recommendation or Provide a Communication. Bill LaMarr commented that an item from December 2002 Board Meeting pointed out that Advisory Board members shall consist of no more than 15 members. David Rothbart suggested to take a closer look at attendance of members.

There were no public comments.

For additional details, please refer to the [Webcast](#), beginning at 1:17:45.

**Agenda Item #7 – Fiscal Year 2024-25 General Fund Budget**

Sujata Jain, Chief Financial Officer, provided an overview of the General Fund Budget, highlighting key aspects such as staffing levels, expenditures, and revenues required to maintain current program commitments.

There were no public comments.

For additional details on the presentation and discussions, please refer to the [Webcast](#), beginning at 2:02:15.

**Agenda Item #8 – Overview of South Coast AQMD INVEST CLEAN**

Aaron Katzenstein, Deputy Executive Officer of Technology Advancement Office, presented an overview on South Coast AQMD's INVEST CLEAN grant. The project aims to achieve several key objectives, including reducing air pollution and greenhouse gas (GHG) emissions, supporting job creation, leveraging funding opportunities, addressing environmental justice concerns, and improving goods movement, among others. Paul Avila raised questions about job prospects, and Ted Bui expressed concerns about road damage from heavier electric vehicles.

There were no public comments.

For additional details on the presentation and discussions, please refer to the [Webcast](#), beginning at 0:58:15.

**Agenda Item #9 – Update on Permitting Enhancement Program**

Jason Aspell, Deputy Executive Officer of Engineering and Permitting, presented an update on the Permitting Enhancement Program and other permit streamlining efforts. Mr. LaMarr asked

about permit inventory and unrealized funds. Mr. Aspell explained the various portions of the flow chart represent the number of applications received and completed and there is a constant stream of revenue being realized. Rita Loof asked if the Engineering & Permitting would be processing the Rule 1151 emissions reports and how it would impact the workload. Jason Aspell explained that those reports are provided to the Planning, Rule Development & Implementation Division. Supervisor Hagman inquired about application follow-up processes. Mr. Aspell highlighted the Facility Information Detail (FIND) tool available on South Coast AQMD's website.

There were no public comments.

For additional details on the presentation and discussions, please refer to the [Webcast](#), beginning at 1:37:25.

**Agenda Item #11 – Public Comment**

There were no public comments.

**Agenda Item #12 – Next Meeting Date**

The next regular LGSBA Advisory Group meeting is scheduled for Friday, January 17, 2025, at 11:30 a.m.

**Adjournment**

The meeting was adjourned at 1:40 p.m.



# South Coast AQMD Rule Update and Forecast



Local Government & Small Business  
Assistance Advisory Group  
January 17, 2025

1

1

## 2022 Air Quality Management Plan (AQMP)

- AQMPs are blueprints to improve air quality and achieve federal and state air quality standards in the South Coast Air Basin and Coachella Valley
- In 2015, U.S. EPA tightened the ozone air quality standard to 70 parts per billion (ppb), triggering the need to develop an AQMP
- The 2022 AQMP addresses control strategy to meet the ozone standard by 2037
- Approved by Governing Board on December 2, 2022
- The 2022 AQMP and all supporting documents are available online at:  
<http://www.aqmd.gov/2022aqmp>

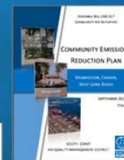
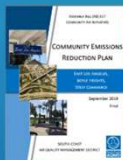


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## 2025 Rule Forecast

- Staff seeking to take dozens of individual rules plus a series of rules under Regulations III (Fees), XIII (NSR) and XX (RECLAIM)
- Rules to fulfill goals and commitments in:
  - 2016 AQMP
  - 2022 AQMP
  - 2024 PM 2.5 Plan
  - Community Emission Reduction Plans (CERPs)
  - Toxic Air Contaminants
  - Other (Resolving U.S. EPA Issues, clarifying rule intent, etc.)



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## 2024 Key Rules Adopted or Amended

- Refinery Fenceline and Community Monitoring (R1180 and R1180.1)
- Refinery Flares (R1118)
- Large Water Heaters and Small Boilers and Process Heaters (R1146.2)
- Freight Rail Yards (R2306)
- Municipal Solid Waste Incinerators (R1165)
- Electric Generating Equipment (R1135)
- Leak Detection and Repair (R463, R1148.1, and R1173)
- Motor Vehicle and Mobile Equipment Coating Operations (R1151)
- Nitric Acid Tanks (R1159.1)

4

4

## Fenceline and Community Monitoring (Rules 1180 and 1180.1)

- Addresses lawsuit that alleged that 40,000-barrel exemption in rule was contrary to Health and Safety Code 42705.6
- Requires facilities to:
  - Conduct real-time fenceline monitoring
  - Display-monitoring data and provide notifications when air pollutants are above thresholds
  - Fund community air monitoring operated by South Coast AQMD
- Intent is to measure air pollutants from the petroleum refineries at the fenceline and in surrounding communities



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## Control of Emissions from Refinery Flares (Rule 1118)

- Partially implements control measure to reduce emission from petroleum refineries
  - **2022 AQMP:** L-CMB-07
- Achieves four out of seven AB 617 CERP objectives for WCWLB community
- Lower SO<sub>2</sub> performance target for refinery flares
- New NO<sub>x</sub> performance target for hydrogen plants flares
- New annual throughput limit for Liquefied Petroleum Gas (LPG) clean service flares
- Increases mitigation fees and ties them to the annual consumer price index
- Additional flare reporting requirements



6

6



## Large Water Heaters and Small Boilers and Process Heaters (Rule 1146.2)

- Implements control measure to reduce NO<sub>x</sub> emissions from large water heaters and small boilers and process heaters through replacement with zero-emission appliances
  - **2022 AQMP:** Control Measure C-CMB-01
- Requires zero-emission NO<sub>x</sub> appliances for future implementation dates for new installations
- Provides alternative compliance options to address challenges
- Status Update/Technology Check-In 2027



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7

## Freight Rail Yards Indirect Source Rule (Rule 2306)

- Implements:
  - Control Measure MOB-02 from 2022 and 2016 AQMPs to address rail yard emissions
  - Actions in multiple AB 617 CERP objectives for rail yard-adjacent EJ communities
- Sets NO<sub>x</sub> emission reductions targets to ensure reductions at facility level, while providing multiple compliance pathways
- Requires regular reporting of zero emission infrastructure planning, development, and utilization
- Effective upon U.S. EPA approval/inclusion of Rule 2306 into SIP and waiver/authorization for CARB rules affecting freight rail yard emission sources



*Rule 316.2  
Companion fee rule to recover  
reasonable costs from  
implementing Rule 2306*

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8

## Control of Emissions from Municipal Solid Waste Incinerators (Rule 1165)

- Implements two control measures to reduce NOx and PM emissions from municipal solid waste incinerators by 2029
  - **2022 AQMP:** Control Measure L-CMB-09
  - **Attainment Plan for the 2012 Annual PM2.5 Standard:** Control Measure BCM-07
- Places limits on types of waste allowed to be combusted to minimize toxics emissions
- Requires housekeeping protocols to reduce fugitive dust emissions
- Requires continuous monitoring and annual source testing
- Limits the duration of startup and shutdown events



9

9

## Electric Generating Equipment (Rule 1135)

- Partially implements control measure to reduce NOx emission from electricity generating facilities
  - **2022 AQMP:** L-CMB-06
- Updates NOx emission caps for electric generating units on Santa Catalina Island
- Requires the removal of legacy engines
- Limits the amount and size of new diesel engines
- Requires equipment installed after 2028 to be near-zero emission or zero-emission



10

10

## Leak Detection and Repair (Rules 463, 1148.1, and 1173)

- Partially implements 2022 AQMP Measure FUG-01 and CERP objectives to address fugitive emissions at petroleum facilities and oil and gas production sites
- Requires the use of optical gas imaging (OGI) to find leaks more quickly
- Reduces the leak standard and streamlines the repair schedule
- Incorporates other best management practices



11

11

## Motor Vehicle and Mobile Equipment Coating Operations (Rule 1151)

- Establishes VOC limits for coatings applied to motor vehicles and mobile equipment
- Partially implements control measure from 2022 AQMP:
  - Phases out two toxic and carcinogenic compounds:
    1. para-Chlorobenzotrifluoride (pCBtF)
    2. tert-Butyl Acetate (t-BAc)
  - Achieves additional VOC reductions of 0.19 tpd
- Fulfills AB 617 South Los Angeles Community Emissions Reduction Plan objective to reduce emissions from autobody shops



12

12



## Nitric Acid Tanks (Rule 1159.1)

- Partially implements 2022 AQMP Control Measure L-CMB-01 to reduce NOx emissions from RECLAIM facilities
- Last landing rule for RECLAIM transition
- Reduces NOx emissions from nitric acid tanks by 2029
  - Alternative compliance pathways for tanks with NOx emissions 0.60 lb/hr or less



13

13

## 2025 Rule Development

### Ongoing and upcoming rule development efforts

- Zero-emission technologies
  - Residential/Light Commercial Space Heating (R1111)
  - Residential Water Heating (R1121)
  - Large Water Heaters and Boilers (R1146 and R1146.1)
  - Commercial Cooking (R1138)
- Rules to phase out carcinogens and provide VOC limit relief during reformulation
  - Aerospace Coatings (R1124)
  - Metal Coatings (R1107)
  - Wood Coatings (R1136)
  - Solvents (R1171)



14

14

## 2025 Rule Development (*continued*)

### Ongoing and upcoming rule development efforts

- RECLAIM transition
  - Regulation XX (RECLAIM)
  - Regulation XIII (NSR)
- Toxic regulations
  - Hexavalent Chromium from:
    - Metal Heat Treating Processes (R1435)
    - Laser and Plasma Arc Metal Cutting (R1445)
    - Torch Cutting and Welding (R1455)
  - Updating compound list (R1401)
- Facility-Based Mobile Source Measure for Commercial Marine Ports



15

15

## Other Rule Considerations

- Implement actions in the PM2.5 Plan
  - Wood burning (R445)
  - Composting (R1133.3)
  - Livestock (R1127)
  - Charbroilers (R1138)
- Gaseous TAC Monitoring (R1480.1)
  - Require monitoring at facilities of concern
- Emergency Diesel Generators (R1110.4)
- Update On-Road Motor Vehicle Mitigation Options (R2202)
  - Streamline implementation, address increase in teleworking employees, and consider options to achieve greater emission reductions
- Update Fee Rules and Ensure Cost Recovery (Reg III)



16

16

## Contact Information

**Isabelle Shine**

Program Supervisor  
(909) 396-3064  
[ishine@aqmd.gov](mailto:ishine@aqmd.gov)

**Michael Morris**

Planning & Rules Manager  
Planning, Rule Development and  
Implementation  
(909) 396-3282  
[mmorris@aqmd.gov](mailto:mmorris@aqmd.gov)

**Michael Krause**

Assistant Deputy Executive Officer  
Planning, Rule Development and  
Implementation  
(909) 396-2706  
[mkrause@aqmd.gov](mailto:mkrause@aqmd.gov)

17

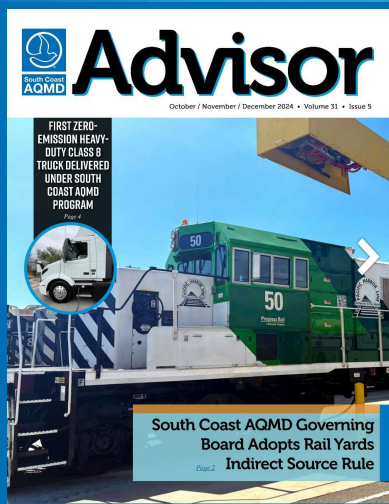
# 2025 Rule Compliance Deadlines

Local Government Small Business Advisory Group

January 17, 2025

1

# 2025 Rule Compliance Deadlines



## 2025 RULE COMPLIANCE DEADLINES

**Rule 1109.1: Emissions of Oxides of Nitrogen from Petroleum Refineries and Related Operations**  
 An E-Plan as an alternative implementation plan for the owner or operator of a facility with 10 or more units subject to this rule. The plan must include an implementation schedule and emission reduction targets. If an owner or operator elects to implement an E-Plan, permit applications must be submitted between January 1 and July 1, 2025.

**Rule 1111: Reduction of NOx Emissions from Natural-Gas-Fired, Fan-Type Central Furnaces**  
 The Mitigation Fee Option for manufacturers of residential and commercial fan-type central furnaces who elected to pay a per-unit fee instead of meeting the 14 nanogram/Joule NOx emission standard will end on September 30, 2025.

**Rule 1118: Control of Emissions from Refinery Flares**  
 The operator of a refinery or sulfur recovery plant must minimize emissions and achieve a target of 0.5 tons of sulfur dioxide (SO2) per million barrels by 2025. Additionally, the operator is required to meet an annual performance target of 0.3 pounds of NOx emissions. Starting January 1, 2025, the operator must submit

a monthly report through the Flare Event Notification System (FENS), approved by the Executive Officer, within 30 days after the end of each month.

**Rule 1168: Adhesive and Sealant Applications**  
 Manufacturers, private labelers of regulated products, big box retailers, and distribution centers must submit a Quantity and Emission Report to South Coast AQMD for regulated products sold within the region, in accordance with the reporting timeline. The deadlines for reporting years 2023 and 2024 are May 1, 2025, for big box retailers and September 1, 2025, for manufacturers and private labelers. Additionally, starting January 1, 2025, it is prohibited to manufacture, supply, sell, offer for sale, or use single-ply roof material adhesives, single-ply roof membrane adhesives, roof sealants, and primers within the South Coast AQMD if they contain more than 0.01 percent by weight of either pCBIF or t-Bac.

**Rule 1180: Fenceline and Community Air Monitoring for Petroleum Refineries and Related Facilities**  
 The purpose of this rule is to mandate the use of real-time fenceline air monitoring systems and to establish a fee schedule to fund refinery-related community air monitoring systems. The deadline to pay

the applicable installation fee for these community air monitoring systems is January 31, 2025. The fee schedule is outlined in Table 2 of Rule 1180.

**Rule 1405: Control of Ethylene Oxide Emissions from Sterilization and Related Operations**  
 Operators of any facility performing EtO (ethylene oxide) sterilization, as well as post-sterilation storage facilities, Tier I warehouses, and Tier II warehouses, must conduct a source test to demonstrate compliance, implement a Leak Detection and Repair (LDAR) program, and submit permit applications by September 1, 2025.

**Rule 2305: Warehouse Actions and Investments to Reduce Emissions (WAIRE Program)**  
 Rule 2305 applies to owners and operators of warehouses with greater than or equal to 100,000 square feet of indoor floor space in a single building. Warehouse operators must earn WAIRE points by completing actions and/or investments to satisfy a compliance obligation each year. All warehouse operators are required to submit an Annual WAIRE Report documenting their compliance in 2024 by January 31, 2025.

2

## RULE 1109.1: EMISSIONS OF OXIDES OF NITROGEN FROM PETROLEUM REFINERIES AND RELATED OPERATIONS

- Purpose : Reduce NOx from refinery operations
- Adopted in November 2021
- Refinery operators required to directly meet emission limits or submit an alternative implementation plan (I-Plan)
- To date refinery operators have submitted 19 permit applications and are implementing I-Plans
- Staff provides periodic updates to Stationary Source Committee on implementation of Rule 1109.1n targets.



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## RULE 1118: CONTROL OF EMISSIONS FROM REFINERY FLARES



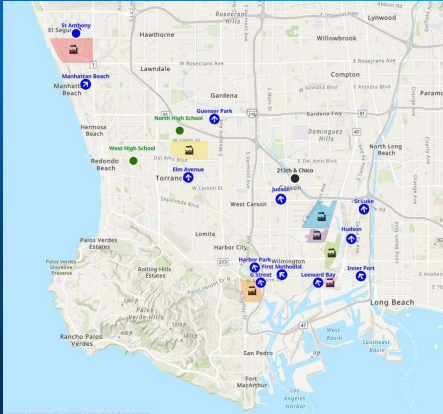
- Purpose: Monitor and record data on refinery and related flaring operations, and to control and minimize flaring and flare-related emissions
- Amended in April 2024 requiring:
  - Meet target of 0.5 tons of SO<sub>2</sub> per million barrels by 2025
  - Meet annual performance target of 0.3 pounds of NOx emissions per Hydrogen production capacity of plant
  - Starting January 1, 2025, submit a monthly report through the Flare Event Notification System (FENS), approved by the Executive Officer or designee, within 30 days after the end of each month

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## RULE 1180 and 1180.1: FENCELINE AND COMMUNITY AIR MONITORING FOR PETROLEUM REFINERIES, RELATED FACILITIES AND OTHER REFINERIES



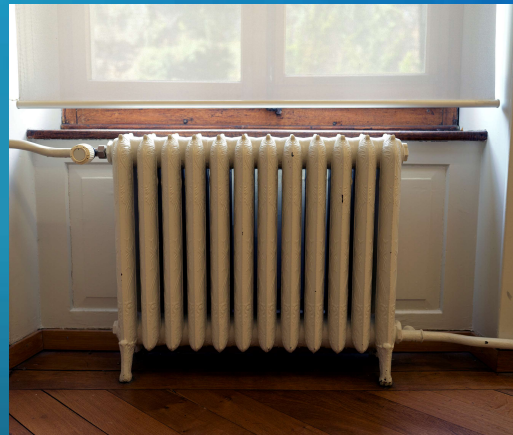
- Purpose: Require Real-Time Fenceline Air Monitoring Systems and to establish a fee schedule to fund refinery-related community air monitoring systems that provide air quality information to the public.
- Adopted in January 2024
- The deadline to pay the applicable installation fee for the community air monitoring systems is January 31, 2025. The fee schedule is outlined in Table 2 of Rule 1180 and 1180.1.

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## RULE 1111: REDUCTION OF NO<sub>x</sub> EMISSIONS FROM NATURAL GAS- FIRED, FAN-TYPE CENTRAL FURNACES

- Purpose: Reduce NO<sub>x</sub> emissions from natural gas furnaces
- Applies to manufacturers, distributors, sellers, and installers of residential and commercial fan-type central furnaces
- Last amended in September 2023
- Mitigation Fee Option for manufacturers of fan-type central furnaces for mobile homes who elected to pay a per-unit fee instead of meeting the 14 nanogram/Joule NO<sub>x</sub> emission standard will end on September 30, 2025

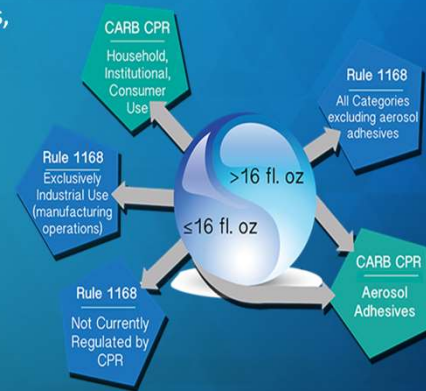


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## RULE 1168: ADHESIVE AND SEALANT APPLICATIONS

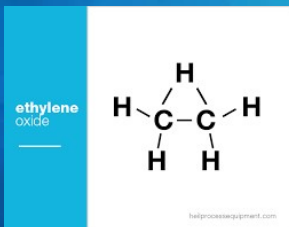
- Purpose: Reduce emissions of VOCs, toxic air contaminants, and stratospheric ozone-depleting compounds from the application of adhesives, adhesive primers, sealants, and sealant primers
- Last amended in November 2022
- Manufacturers and retailers must submit a Quantity and Emissions Report to South Coast AQMD
- The deadlines for reporting years 2023 and 2024 are May 1, 2025, for big box retailers and September 1, 2025, for manufacturers and private labelers
- Additionally, starting January 1, 2025, it is prohibited to manufacture, supply, sell, offer for sale, or use single-ply roof material adhesives, single-ply roof membrane adhesives, roof sealants, and primers within the South Coast AQMD if they contain more than 0.01 percent by weight of either para-chlorobenzotrifluoride (pCBtF) or tert-Butyl acetate (t-Bac)



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## RULE 1405: CONTROL OF ETHYLENE OXIDE EMISSIONS FROM STERILIZATION AND RELATED OPERATIONS



- Purpose: Reduce Ethylene Oxide emissions from Sterilization and related operations and to collect information from warehouses receiving materials sterilized with Ethylene Oxide
- Last amended in December 2023
- Operators of any facility performing ethylene oxide sterilization, as well as post-aeration storage facilities, Tier I warehouses, and Tier II warehouses, must conduct a source test to demonstrate compliance, and implement a Leak Detection and Repair (LDAR) program
- Permit applications are due by September 1, 2025

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## RULE 2305: WAREHOUSE INDIRECT SOURCE RULE – WAREHOUSE ACTIONS AND INVESTMENTS TO REDUCE EMISSIONS (WAIRE) PROGRAM

- Purpose: Reduce local and regional emissions of NOx and PM and to facilitate local and regional emission reductions associated with warehouses and the mobile sources attracted to warehouses
- Adopted in May 2021
- All warehouse operators with greater than or equal to 100,000 square feet of indoor space are required to submit an Annual WAIRE Report documenting their compliance in 2024 by January 31, 2025



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## Compliance Training

<https://www.aqmd.gov/home/programs/business/business-detail?title=compliance-training&parent=certification-programs-training>

- Compliance assistance training is provided by South Coast AQMD to enhance understanding of applicable air quality regulations, introduce new control technologies and assist industry with achieving and maintaining compliance with federal, state and local clean air requirements.
  - **Classroom Instruction**
  - South Coast AQMD offers a variety of courses that provide participants with the opportunity to interact with South Coast AQMD compliance staff, learn more about existing and upcoming air quality regulations applicable to their industry and resources to assist industry in achieving their clean air goals. Each course is taught by experienced inspectors or other specialists with extensive knowledge of the equipment, processes and regulatory requirements associated with each topic.
- Courses currently being offered by South Coast AQMD include: [Asbestos Demolition & Renovation](#) (Rule 1403)
- [Certified Person](#) (Rules 463 & 1178)
  - [Certified Inspector --Sumps and Wastewater Separators](#) (Rule 1176)
  - [Controlling Fugitive Dust](#) (Rule 403 & 403.1)
  - [Gasoline Transfer & Dispensing](#) (Rule 461)
  - [Hexavalent Chromium](#) (Rule 1469)
  - [Combustion Gas Portable Analyzer Training & Certification](#) (Rules 1146, 1146.1 & 1110.2)
  - [Employee Transportation Coordinator \(ETC\) Training](#) (Rule 2202)
  - Due to the popularity of these trainings, all classes require pre-registration; no walk-in registration is available.

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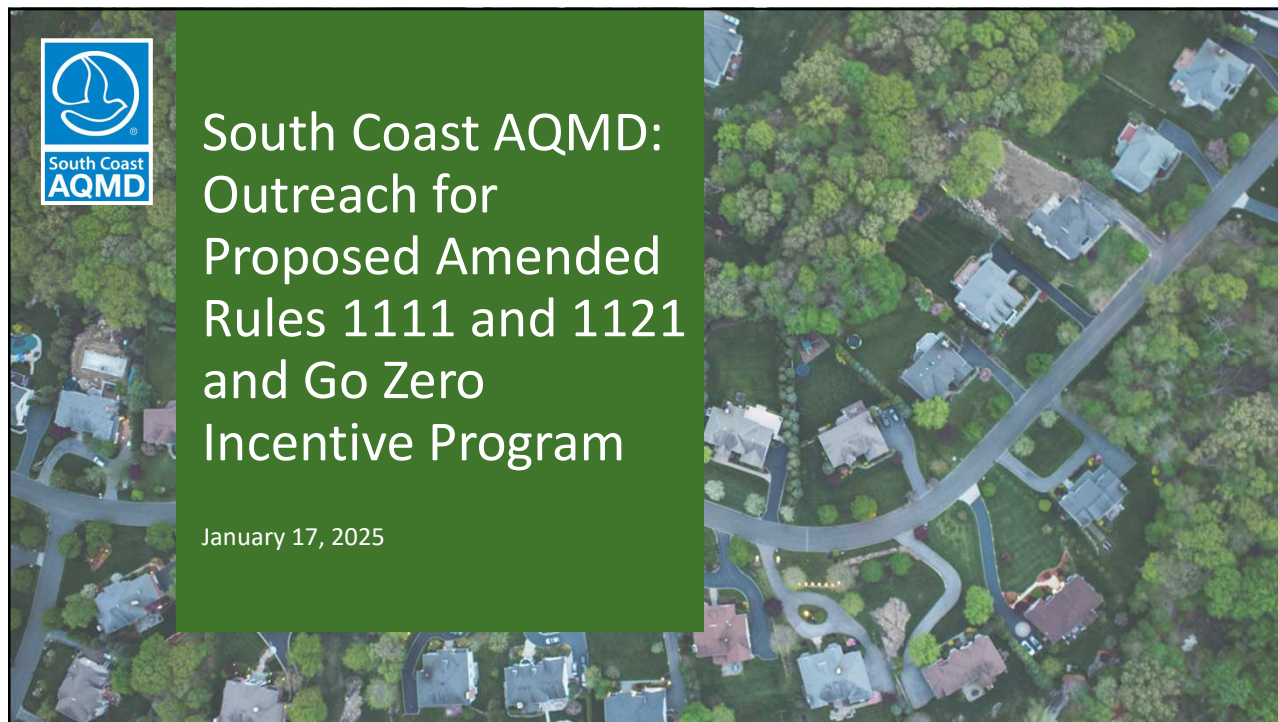


## Contact Information

Small Business Assistance Email:  
[smallbizassistance@aqmd.gov](mailto:smallbizassistance@aqmd.gov)

Small Business Assistance Hotline: (909) 396-3529 or  
(800) 388-2121

11



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## Public Outreach and Engagement

- Developed and distributing infographic about rulemaking for water heaters and furnaces
- Conducting outreach to increase public awareness on rulemaking including, but not limited to:
  - Councils of Government in all four counties
  - Industry, Trade and Community Organizations such as U.S. Green Building Council California, and Building Owners and Managers Association
- Increased social media, email, and outreach at meetings and events
- Working with Go Zero Incentive Program contractors for major outreach campaigns that will foster public awareness and involvement
  - Outreach efforts will include Southern California Regional Energy Network and Inland Regional Energy Network to coordinate where feasible on workforce and programs



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## Seeking Input from LGSBA on Outreach Efforts

- Other entities that staff can contact?
- Suggestions for trade associations?
- Other methods of communication?
- Other?

3

## PAR 1111, PAR 1121, and Go Zero



### Future Public Meetings

- Working Group Meeting #8
  - End of January
- Stationary Source Committee
  - February 21, 2025
- Public Hearing
  - May 2, 2025  
(subject to change)



### Launch Go Zero Incentive Program

Early 2025

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