



# Advisor

Oct/Nov/Dec 2022 • Volume 29 • Issue 5



## 2022 AIR QUALITY MANAGEMENT PLAN

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**South Coast AQMD, U.S. EPA, and San Bernardino County Co-Fund Two New Zero-Emission Mobile Asthma Clinics**

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# SOUTH COAST AQMD ETHYLENE OXIDE (ETO) EMISSIONS INVESTIGATIONS CONTINUE

The South Coast Air Quality Management District (South Coast AQMD) began investigating facilities within our jurisdiction that emit Ethylene Oxide (EtO) in March 2022, following the U.S. Environmental Protection Agency's (U.S. EPA) reconsideration of the potential toxicity of EtO. South Coast AQMD is currently conducting special monitoring at three local facilities that conduct sterilization services for medical equipment, located in Carson, Vernon and Ontario.

Air Monitoring is being conducted at the facilities to identify sources of emissions. South Coast AQMD is looking into the facilities' equipment to verify compliance with our rules and permit requirements and is evaluating immediate actions for the facilities to take to reduce and control emissions. Data so far shows emissions in surrounding communities to be at background levels.

EtO is a flammable, colorless gas that many industries use to make products including antifreeze, textiles, solvents, detergents and adhesives, as well as to sterilize medical

equipment. Exposure to EtO can irritate the eyes and respiratory system and damage the nervous system. Short-term exposure to EtO may cause headaches, weakness, nausea, vomiting, diarrhea, difficulty breathing, eye and skin burns and reproductive effects. Long-term exposure to EtO over a number of years increases the risk of certain cancers including lymphoid cancer and breast cancer.

During South Coast AQMD's monitoring efforts, the agency became aware of fugitive emissions from sources that were not previously known. As a result, South Coast AQMD is working on amending Rule 1405 to strengthen requirements to address fugitive emissions at these facilities which could include additional monitoring requirements. The rulemaking process, including Working Group meetings, are ongoing and open to the public. Upcoming meeting dates can be found at the Proposed Amended Rule 1405 page.

For more information, please visit our EtO Emissions Investigation webpage at <http://www.aqmd.gov/home/eto>.

## WE'VE COME A LONG WAY IN THE FIGHT AGAINST AIR POLLUTION

On July 26, 1943, in the midst of World War II, downtown Los Angeles was gripped by a pall of smoke and fumes, in the middle of a heat wave. This "gas attack" afflicted workers and residents with eye-stinging, raw throat sensations and cut visibility to three blocks. People feared enemy forces had launched a chemical attack. As it turned out, the region was hit not by a foreign enemy, but by air pollution emanating from their local factories, vehicles and even residents' own backyards.

While the 1943 incident was not the first time LA suffered from extreme smog – it was a turning point. As a result of this, local politicians created a commission to study the issue, then established an air pollution control office for the county. By the 1950s, air pollution control districts were formed in LA, Orange, Riverside and San Bernardino counties, and these four agencies merged in 1977 to form a regional clean air agency for the greater Los Angeles area: The South Coast AQMD.

We are still working to better understand the impacts that air pollution has on human health, but, 75 years later, significant progress has been made in the South Coast Region. Thanks to decades of hard work, the South Coast Air Basin has met federal standards set for carbon monoxide, lead, nitrogen dioxide, sulfur dioxide and PM10. Meeting federal ozone and PM2.5 standards remains a key challenge, largely due to the federal sources such as heavy-duty trucks, ships, planes and off-road equipment. Emission reduction strategies outlined in our draft 2022 Air Quality Management Plan are expected to significantly reduce levels of these pollutants. More information on our draft 2022 Air Quality Management Plan can be found on pages 4-5.

While the air in the South Coast Basin is now much cleaner than it was decades ago, it is still among the worst in the nation. Local air pollution still contributes to asthma and other respiratory diseases, lung damage, cancer, birth defects, and premature deaths. So, South Coast AQMD will continue its work to make forward strides to clean the air that we breathe.



CHECK  
BEFORE  
YOU  
BURN

## CHECK BEFORE YOU BURN SEASON STARTS NOVEMBER 1

Beginning November 1st, residents are asked to "Check Before You Burn" and avoid burning wood in residential fireplaces, backyard fire pits and wood stoves on days when poor air quality is forecast. Avoiding wood burning is one of the most effective measures residents can take to help improve indoor and outdoor air quality on winter with poor air quality.

The annual Check Before You Burn season lasts from November through the last day of February, when emissions and stagnant weather conditions may increase levels of fine particulates in the air. South Coast AQMD issues mandatory No-Burn alerts on days when poor air quality is expected due to particulate pollution.

There are several ways you can Check Before You Burn:

- E-mail notification program – Sign up at [www.airalerts.org](http://www.airalerts.org) to receive notifications of air quality and when a mandatory No-Burn alert has been issued.
- Visit our Check Before You Burn Map at <https://www.aqmd.gov/CBYBmap> - for daily forecast information.
- Toll-Free phone number – Call 866-966-3293 for daily Check Before You Burn information.
- Mobile app – Download the South Coast AQMD app to check local air quality
- Social media - Follow South Coast AQMD's social media accounts on Facebook, Twitter and Instagram.

For more information visit our Check Before You Burn web pages at [www.aqmd.gov/cbyb](http://www.aqmd.gov/cbyb).

# ASSEMBLY BILL 617 (AB 617) UPDATE

The AB 617 Program continues to work toward the improvement of air quality and public health in environmental justice communities. The community-based program brings together local residents, health and environmental organizations, government agencies, and other stakeholders to form Community Steering Committees (CSCs) to develop and implement plans to help reduce air pollution. These plans are known as the Community Emission Reduction Plans (CERPs) and Community Air Monitoring Plans (CAMPs). The CERPs focus on community-identified air quality priorities and the CAMPs provide strategies for air quality monitoring that are unique to that community.

Currently, six communities have been designated as AB 617 Communities in the South Coast AQMD:

1. East Los Angeles, Boyle Heights, West Commerce
2. San Bernardino, Muscoy
3. Wilmington, Carson West Long Beach
4. Eastern Coachella Valley
5. Southeast Los Angeles
6. South Los Angeles

The California Air Resources Board approved the CERP for the newest AB 617 community, South Los Angeles (SLA), on August 25, 2022. With the approval of the SLA CERP, all six South Coast AQMD AB 617 communities are now in the implementation phase of the program. The agency will continue to work with CSC members throughout the implementation process and will hold quarterly meetings to update the community on the progress of the CERP and CAMP.

For more information on the AB 617 program or meeting schedules, visit: <http://www.aqmd.gov/AB617>.

# 2022 Draft Air Quality Management Plan (AQMP)

The AQMP is the regional path towards improving air quality and meeting federal standards for air pollutants. The 2022 AQMP provides actions, strategies and steps needed to reduce air pollution emissions and meet ozone standards by 2037.



## WHAT IS OZONE?

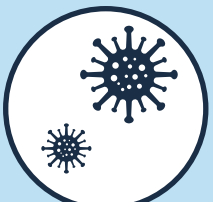
Ozone is the main ingredient in smog and can have negative health impacts including:



Coughing and Sore Throat.



Aggravation of Emphysema and Chronic Bronchitis.



Increased Susceptibility to Infection.



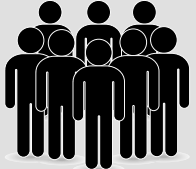
Airway Inflammation and Damage.



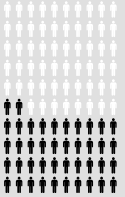
Asthma Attacks.

## WHY DO WE NEED AN AQMP?

The U.S. Environmental Protection Agency (EPA) creates standards to limit air pollution in the air, such as ozone and fine particulate matter. Areas must develop strategies to meet those standards by certain deadlines. In 2015, EPA tightened the ozone standard to 70 parts per billion, triggering the need for a plan, the AQMP.



**17 million** residents in Southern California impacted by the worst air quality in the nation.



**42%** of residents in the South Coast Air Basin and **11%** of residents in Coachella Valley live in disadvantaged communities impacted by air pollution.

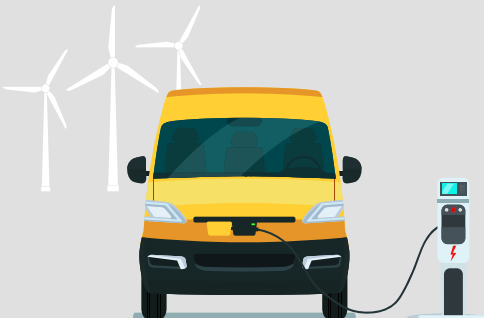


**Nitrogen Oxides (NOx)** is the primary pollutant that forms ozone.

**↓67%**

To meet the ozone standard, NOx emissions must be reduced by about **67%** more than existing rules.

## WHAT IS THE 2022 AQMP STRATEGY?



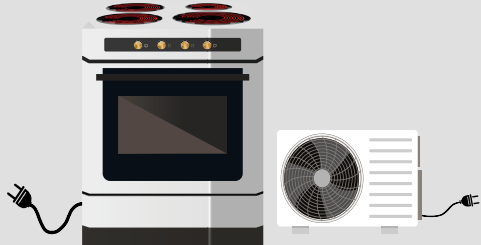
Wide adoption of zero-emissions technologies anywhere available.



Low NOx technologies where zero-emission isn't feasible.



Federal action.



Zero-Emission technologies for residential and industrial sources such as water and space heaters in buildings and homes regionwide.



Incentive funding in environmental justice areas.



Prioritize benefits on the most disadvantaged communities.

## HOW IS OZONE CREATED?

- Ozone forms when heat and sunlight mix with NOx and other pollution.
- Sources of NOx include trucks, ships, trains, construction equipment, power plants and fires.
- 80% of NOx emissions comes from mobile sources (trucks, ships, planes, trains, etc.)
- Significant portion of emissions are regulated by federal government.

Working groups, public workshops and hearings are ongoing. To receive notifications, sign up for the "2022 AQMP Interested Parties" newsletter at: [www.aqmd.gov/sign-up](http://www.aqmd.gov/sign-up).

Contact: Dr. Sang-Mi Lee at [slee@aqmd.gov](mailto:slee@aqmd.gov) or (909)396-3169

# SOUTH COAST AQMD, U.S. EPA, AND SAN BERNARDINO COUNTY CO-FUND TWO NEW ZERO-EMISSION MOBILE ASTHMA CLINICS

At their September meeting, South Coast AQMD's Governing Board approved funds to cost-share two zero-emission Breathmobiles® to be operated by Arrowhead Regional Medical Center (ARMC) in San Bernardino County.

A Breathmobile® is an "asthma clinic on wheels" specially equipped and staffed with medical professionals to visit schools to diagnose and treat asthma at no cost to school children residing in low-income communities. ARMC currently operates two gasoline powered Breathmobiles® that routinely travel to 40 different schools throughout San Bernardino County. Currently, each Breathmobile® travels over 5,000 miles a year, uses a gasoline-powered generator at the school sites for 4-5 hours a day and consumes over 1,000 gallons of gasoline a year.

This \$2.2 million project is being cost-shared by U.S. EPA, San Bernardino County, and South Coast AQMD with in-kind support from ARMC. The project will replace an older gas-powered mobile clinic with a zero-emission as well as purchase a new, zero-emissions one. U.S. EPA awarded \$500,000 to South Coast AQMD under the Clean Air Technology Initiative for the replacement of the

existing older Breathmobile®. San Bernardino County will contribute \$500,000 towards the purchase of the additional mobile clinic. South Coast AQMD's Governing Board approved \$250,000 cost-share for each vehicle. ARMC will be contributing \$700,000 of in-kind support, to cover the staffing costs for the two mobile clinics and to upgrade its existing vehicle charging infrastructure to support the Breathmobiles®. The additional clinic will provide service to the Rialto, Bloomington, Colton, San Bernardino City, Muscoy, and Devore areas.

Both ARMC zero-emission Breathmobiles® will have at least a 100-mile range and provide each of the clinics with over five hours of electrical power. They will eliminate use of a gasoline-powered generator and prevent 0.14 tons of NOx, 0.14 tons of hydrocarbons, and 4.8 tons of CO from being emitted annually. In addition, the zero-emission Breathmobiles® will benefit the patients visiting the clinics and reduce noise at the school sites. They are expected to be deployed by the end of 2024.

For more information, contact Mei Wang at (909) 396-3257 or [mwang@aqmd.gov](mailto:mwang@aqmd.gov).

# 200 HD VEHICLE EMISSIONS STUDY WILL PROVIDE BETTER UNDERSTANDING OF REAL-WORLD CONDITIONS

The 200 Heavy-Duty Vehicle (HDV) Emissions Testing Program began in 2017 to study real-world activities and emissions for a wide variety of technologies (engines, drivetrains, fuels and aftertreatment systems) under common driving and operational conditions.



This is one of the most extensive emission studies for HDVs in the country and included testing using portable emissions systems and on-road testing with a fully equipped mobile testing laboratory. More than 200 HDVs were assessed including those used for transit, delivery and goods movement.

This project has helped better understanding of operation activities of different HDVs and how engine performance relates to emissions over different duty cycles and mileage of vehicles. The emission measurements collected will help provide updated emissions estimates of the HDVs currently operating in Southern California. Data from this study will improve air quality modeling, along with identify issues and causes that can lead to higher emissions in HDVs. This will provide important new data and will help to improve air quality planning and modeling while also identifying issues and causes that contribute to air pollution.

The findings will also be instrumental in future planning and rulemaking to ensure that intended emission reductions are being met under a wide variety of operating conditions, which will aid South Coast AQMD's progress toward achieving national ambient air quality standards.



As co-sponsor of the study, South Coast AQMD collaborated with the University of California Riverside and West Virginia University to design and implement the project. Other co-sponsors included the California Energy Commission, California Air Resources Board, and Southern California Gas Company. A final report is being prepared on the study and will be made available on the California Energy Commission website at <https://www.energy.ca.gov/>.



For more information, contact Sam Cao at (909) 396-2069.

# VW PROGRAM FUNDING AVAILABLE STATEWIDE

The Volkswagen (VW) Environmental Mitigation Trust



settlement has three funding categories open for cleaner mobile source projects. At least 50% of the funding awards from these categories will go to projects that reduce emissions in California's disadvantaged and low-income communities. Over a 10-year period, the Trust provides \$423 million for California to mitigate excess nitrogen oxide emissions caused by VW's use of illegal emissions testing defeat devices in certain VW diesel vehicles. VW started using them in 2008, after realizing its engines could not pass pollution standards in many countries. Information about each open category is below.

**• Combustion Freight & Marine Projects:** Approximately \$10 million in statewide funding is available now to replace freight trucks (including drayage, dump, waste haulers, and concrete mixers), freight switcher locomotives, ferries, tugboats, and towboats. For more information, visit <https://xappprod.aqmd.gov/vw/combustion.html>.

**• VW Zero-Emission Class 8 Freight & Port Drayage Trucks:** Approximately \$9 million in funding is available statewide to support the expansion of zero-emission truck availability in the heaviest weight class that typically relies on diesel technologies. Vehicles eligible for replacement include Class 8 freight trucks (including drayage, waste haulers, dump trucks, and concrete mixers). For more information, visit <https://xappprod.aqmd.gov/vw/zero-emission.html>.

**• Zero-Emission Transit and Shuttle Buses:** The San Joaquin Valley Air Pollution Control District is accepting online applications for replacing older, high-polluting Class 4-8 transit and shuttle buses with new battery-electric or fuel cell buses. Limited funding is still available for projects throughout the state. For more information, visit <http://vwbusmoney.valleyair.org/>.

For more information, contact Sam Cao at (909) 396-2069.

# FUNDING OPPORTUNITIES TO HELP YOU GO ELECTRIC



**Residential Lawn Mower Rebate Program:** South Coast AQMD has a year-round program that provides up to \$250 toward the cost of a battery-powered lawn mower for eligible applicants on a first-come, first-served basis. Applicants must turn in their older, gasoline-powered lawn mower to an approved dismantler to receive a rebate. For additional information, please visit: <http://www.aqmd.gov/home/programs/community/electric-lawn-mower-rebate-program>.



**Voucher Incentive Program (VIP):** The truck replacement program is for small on-road truck fleets (of 10 or fewer vehicles) to upgrade their older polluting heavy-duty diesel trucks with new technologies. The program provides up to \$160,000 towards the replacement of older heavy-duty diesel trucks with newer, near-zero emission models and up to \$410,000 towards the purchase of zero-emission trucks. Funding is still available under VIP, and applications are currently being accepted. For additional information, please visit: [www.aqmd.gov/vip](http://www.aqmd.gov/vip).



**Residential Electric Vehicle (EV) Charger Program:** South Coast AQMD's program provides up to \$250 towards the purchase of residential EV chargers on a first-come, first-served basis. Low-income residents are eligible for a total rebate of \$500. For a list of requirements and additional information, please call 833-760-0651 or email questions to [evchargingrebate@aqmd.gov](mailto:evchargingrebate@aqmd.gov).

## GET TO KNOW SOUTH COAST AQMD'S SMALL BUSINESS ASSISTANCE TEAM

South Coast AQMD's Small Business Assistance (SBA) Office helps small business owners comply with agency rules and regulations, permit conditions, and recordkeeping through a variety of services. The program helps small business operators determine which rules apply to their operations, how to meet the requirements and how to maintain records.

The SBA team consists of Air Quality Engineers and Specialists, who act as advocates for small business owners within South Coast AQMD's jurisdiction and are available to give free on-site technical consultations. These experienced staff inspect equipment and operations and review recordkeeping materials. The program does not issue any tickets nor impose any fines for violations encountered during visits.

For more information, call the Small Business Assistance Office at 800-388-2121 or 909-396-3529.

## CLEAN AIR AWARDS TO BE HELD VIRTUALLY ON JANUARY 6, 2023



The 33rd Annual Clean Air Awards will be held virtually on Friday, January 6, 2023, at 11:30 a.m. Nominations for the Clean Air Awards are officially open and can be submitted online at <http://www.aqmd.gov/clean-air-awards/nominations>. The nominations period will end on October 31st, 2022.

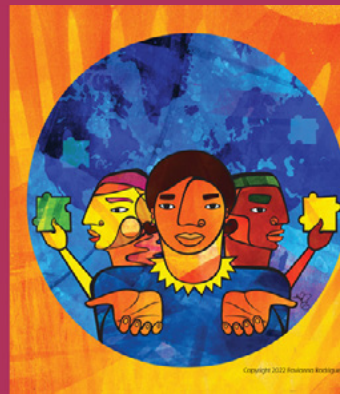
Award categories are Leadership in Air Quality, Innovative Clean Air Technology & Strategy and Young Leadership in Air Quality.

For over three decades, South Coast AQMD has honored those who have made outstanding clean air contributions to improve the health of our communities and the economy. Our air is cleaner today, and our families are healthier because of their efforts. Past awardees have made significant contributions from next generation clean air engines to youth campaigns to improve the quality of life for their neighborhoods to cities who have gone above and beyond to create sustainable communities.

For more information and/or to register, please visit [www.cleanairawards.com](http://www.cleanairawards.com).

South Coast AQMD's  
8th Annual  
Environmental Justice  
Conference

Our Environment, Our  
Lives: Collaborating for  
Clean Air



## U.S. EPA REGION 9 ADMINISTRATOR AND CALIFORNIA ATTORNEY GENERAL HIGHLIGHT THE IMPORTANCE OF IMPROVING AIR POLLUTION AT THE 8TH ANNUAL EJ CONFERENCE

More than 900 attendees participated in South Coast AQMD's 8th Annual Environmental Justice Conference, "Our Environment, Our Lives: Collaborating for Clean Air" held virtually on September 14th.

The event was emceed by Monique N. Hernandez, Ph.D. Senior Manager of Florida Cancer Data System and Affiliate Faculty, Geosciences and Environment, California State University, Los Angeles, who engaged participants with her energy and passion for environmental justice.

South Coast AQMD Governing Board Chair Ben J. Benoit delivered the opening remarks and moderated a discussion with featured speaker California Attorney General Rob Bonta. The conversation highlighted Bonta's commitment to environmental justice and current efforts to reduce air pollution, including efforts to urge the U.S. EPA to set a stronger NOx emissions standard for heavy-duty trucks.

South Coast AQMD Governing Board Vice Chair Vanessa Delgado introduced the keynote speaker, U.S. EPA Region 9 Administrator Martha Guzman. Guzman spoke about community based environmental justice programs like AB 617, the importance of reducing air pollution, climate change, and the challenges to meeting federal attainment standards. She also spoke about upcoming funding opportunities through the federal Bipartisan Infrastructure Law and Inflation Reduction Act for environmental justice efforts.

The conference included sessions on the AB 617 Community Air Protection Program, Building the Road to a Zero Emissions Future, and Community Air Monitoring.

Conference materials and resources can be accessed on the 8th Annual Environmental Justice Conference webpage at: <http://www.aqmd.gov/nav/about/initiatives/environmental-justice/ejcp/environmental-justice-conference>.

# BE GREEN FOR THE HOLIDAYS

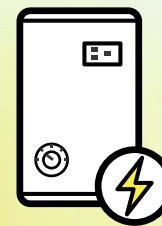
As you prepare to welcome the holidays, South Coast AQMD recommends these simple tips to help save energy and reduce air pollution.



**Reduce Waste** – Gift wrap is often a single-use product which ends up in landfills. Try eco-friendly wrapping by using household materials such as newspaper, fabric or reusable tin boxes and gift bags.



**Reuse Decorations** – Millions of Christmas trees and natural wreaths are discarded after the holiday season every year. Use eco-friendly, reusable decorations wherever possible.



**Choose a Cleaner Furnace** – Older, outdated furnaces can be inefficient and contribute to air pollution. Breathe better and save money by upgrading! South Coast AQMD's Furnace Rebate Program can help you save money and reduce emissions with rebates up to \$500. For more information, visit [www.CleanAirFurnaceRebate.com](http://www.CleanAirFurnaceRebate.com).



**Wash Clothing in Cold Water** – Save up to 500 pounds of CO2 per year: do two loads of laundry weekly in cold water instead of hot or warm water. Doing your laundry in full loads also decreases the amount of water and energy used, helping you save time and money.



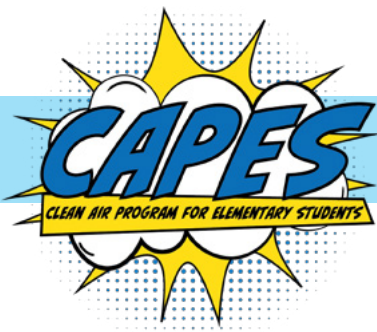
**Buy Locally-Produced Food and Compost your Scraps** – Check your grocer or farmers market for locally-grown produce to serve at your holiday feasts. It helps reduce air pollution by cutting down on transportation emissions and supports your local economy! Composting also reduces food waste and helps cut down on landfill methane emissions – a major source of greenhouse gas!



**Reduce Energy from Lights, Electric Appliances and Devices** – Conserve energy in your home and cut down on your electric bill! Turn off lights and other electric devices when not in use. Replace old lightbulbs with energy-efficient alternatives and use a timer or surge protector for holiday lights, household lamps, appliances, and other devices to help make turning them off much easier.



**Avoid "The Other Secondhand Smoke"** – Wood burning contributes to air pollution! Clear the air and reduce PM2.5 emissions by switching to more eco-friendly methods such as gas and electric. Sign up for Air Alerts at [www.airalerts.com](http://www.airalerts.com) to receive notifications when South Coast AQMD declares No-Burn days and help reduce ambient air pollution in our region.



# CORNERS

Our CAPES Corner activity for this edition is focused on recycling. Recycling is when you take items that might be thrown away as trash and reuse them in some new way or turn them into something entirely new. For example, plastic bottles can be melted down and turned into fabric for clothing.

Did you know recycling helps reduce air pollution? Recycling reduces the amount of trash sent to landfills, conserves valuable natural resources, and saves energy. Some examples of things you can recycle include aluminum and steel cans, cardboard, electronic equipment, glass, magazines, metal, newspaper, paper, plastic bags, plastic bottles, and paper. Food waste and plant materials like leaves and grass clippings from your yard can't be recycled but can be composted. We'll save composting for our next activity! Have fun recycling every day at school and at home!

**Directions:** Write the name of the item that can or cannot be recycled in the boxes below. If you want to have more fun, you can cut out the items and paste them in the correct boxes below.



Apple



Juice Bottle



Water Bottle



Newspaper



Paper



Hamburger



Potato Chips



Cardboard



Milk Bottle



Candy Wrapper



Which of the items above can be recycled?



Which of the items above cannot be recycled?

The Clean Air Program for Elementary Students (CAPES) is South Coast AQMD's environmental education program geared at educating and engaging our youth on the importance of clean air, the impact of air pollution and ways they can help improve the environment in their communities and become Clean Air Heroes. To learn more, please visit [www.aqmd.gov/capes](http://www.aqmd.gov/capes).

# RULE UPDATE

The following proposed amended rules and regulations are tentatively scheduled for hearings at upcoming Governing Board meetings in 2022. To verify whether scheduling changes have occurred, visit South Coast AQMD's website at [www.aqmd.gov/home/news-events/meeting-agendas-minutes](http://www.aqmd.gov/home/news-events/meeting-agendas-minutes), check the Rule and Control Measure Forecast item on the most recent Governing Board meeting agenda, or call the Clerk of the Board's Office at (909) 396-2500.

Copies of South Coast AQMD rules and regulations can be downloaded from the website at [www.aqmd.gov/home/rules-compliance/rules/scaqmd-rule-book](http://www.aqmd.gov/home/rules-compliance/rules/scaqmd-rule-book) or obtained from the Public Information Center at (909) 396-2039.

## NOVEMBER

### Rule 1148.2: Notification and Reporting Requirements for Oil and Gas Wells and Chemical Suppliers

Proposed Amended Rule 1148.2 will evaluate the applicability of well activities, improve notifications of well working activities, and address other issues.

Contact: Michael Morris at [mmorris@aqmd.gov](mailto:mmorris@aqmd.gov), or (909) 396-3282.

### Rule 1168: Adhesive and Sealant Applications

Proposed Amended Rule 1168 will address VOC limits for certain applications and prohibit the use of toxic compounds including tBAC and pCBtF. Other amendments may also be needed to improve the clarity.

Contact: Heather Farr at [HFarr@aqmd.gov](mailto:HFarr@aqmd.gov) or (909) 396-3672.

### Rule 1460: Control of Particulate Emissions from Metal Recycling and Shredding Operations

Proposed Rule 1460 will establish housekeeping and best management practices to minimize fugitive particulate emissions from metal cutting and shredding operations.

Contact: Michael Krause at [mkrause@aqmd.gov](mailto:mkrause@aqmd.gov) or (909) 396-2706.

## DECEMBER

### Rule 1153.1: Emissions of Oxides of Nitrogen from Commercial Food Ovens

Proposed Amended Rule 1153.1 will establish NOx BARCT limits and expand the applicability to RECLAIM and former RECLAIM facilities.

Contact: Heather Farr at [HFarr@aqmd.gov](mailto:HFarr@aqmd.gov) or (909) 396-3672.

### Rule 1159.1: Control of NOx Emissions from Nitric Acid Tanks

Proposed Rule 1159.1 will establish requirements to reduce NOx emissions from nitric acid units that will apply to RECLAIM, former RECLAIM, and non-RECLAIM facilities.

Contact: Michael Krause at [mkrause@aqmd.gov](mailto:mkrause@aqmd.gov) or (909) 396-2706.

## FIRST QUARTER 2023

### Rule 219: Equipment Not Requiring a Written Permit Pursuant to Regulation II

Proposed Amendments may be needed to address issues raised by U.S. EPA for approval in the State Implementation Plan or to identify sources that are currently exempt from permitting.

Contact Kalam Cheung at [kcheung@aqmd.gov](mailto:kcheung@aqmd.gov) or (909) 396-3281.

### Rule 222: Filing Requirements for Specific Emission Sources Not Requiring a Written Permit Pursuant to Regulation II

Proposed Amendments may be needed to require certain equipment that is currently not permitted to register the equipment to gather information and emissions data.

Contact Kalam Cheung at [kcheung@aqmd.gov](mailto:kcheung@aqmd.gov) or (909) 396-3281.

### Rule 1135: Emissions of Oxides of Nitrogen from Electricity Generating Facilities

Proposed Amended Rule 1135 will modify provisions for electricity generating units at Santa Catalina Island to reflect a revised BARCT assessment.

Contact: Michael Morris at [mmorris@aqmd.gov](mailto:mmorris@aqmd.gov) or (909) 396-3282.

### Rule 1178: Further Reductions of VOC Emissions from Storage Tanks at Petroleum Facilities

Proposed Amended Rule 1178 will incorporate the use of more advanced early leak detection methods and improve leak detection and repair programs for storage tanks to further reduce VOC emissions.

Contact: Michael Morris at [mmorris@aqmd.gov](mailto:mmorris@aqmd.gov) or (909) 396-3282.

### Rule 1405: Control of Ethylene Oxide and Chlorofluorocarbon Emissions from Sterilization or Fumigation Processes

Amendments needed to address ethylene oxide emissions from sterilization of medical equipment.

Contact Kalam Cheung at [kcheung@aqmd.gov](mailto:kcheung@aqmd.gov) or (909) 396-3281.

### Rule 2306: New Intermodal Railyard Indirect Source Rule

Proposed Rule 2306 will establish requirements for new intermodal railyards to minimize emissions from indirect sources associated with new railyards.

Contact Elaine Shen at [eshen@aqmd.gov](mailto:eshen@aqmd.gov) or (909) 396 2715



## South Coast Air Quality Management District

21865 Copley Drive  
Diamond Bar, CA 91765-4178  
www.aqmd.gov



@SouthCoastAQMD

PRSRT STD  
US Postage  
PAID  
City of Industry, CA  
Permit No. 4472

### Return Service Requested

# UPCOMING RULE COMPLIANCE PROMOTION CLASSES

Classes are conducted online via Zoom. Preregistration is required. Class schedules are subject to change.

## Rule 403 – Dust Control in the South Coast Air Basin Training

• Every third Wednesday of the month, January through November  
This half-day course is presented via Zoom Meeting from 9:00 a.m. to 11:30 a.m. There is no fee.

Visit <http://www.aqmd.gov/home/programs/business/training-403-403-1-fugitive-dust>. To register, e-mail [dustcontrol@aqmd.gov](mailto:dustcontrol@aqmd.gov) or fax request to (909) 396-2608.

## Rule 403 & 403.1 – Dust Control in the Coachella Valley Training

• Every third Thursday of the month, January through November, 1:00 p.m. to 4:30 p.m. There is no fee.

Visit <http://www.aqmd.gov/home/programs/business/training-403-403-1-fugitive-dust> for class and registration information. To register, email [dustcontrol@aqmd.gov](mailto:dustcontrol@aqmd.gov).

## Rule 461 – Gasoline Transfer and Dispensing Training

Daily Maintenance Inspection – Registration Fees: \$187.11

- March 3, 2023
- June 2, 2023

Periodic Compliance Inspection – Registration Fees: \$204.78

- October 14, 2022
- March 10, 2023
- June 9, 2023

Vapor Recovery System Tester Orientation – Registration Fees: \$194.69

- October 21, 2022
- March 17, 2023
- June 16, 2023

The Zoom Cloud Meetings app must be installed on your device or Google Chrome must be used as the web browser attend the class. Check-in time is 8:00 a.m. to 8:30 a.m. Visit <https://www.aqmd.gov/home/rules-compliance/compliance/gasoline-dispensing2/rule-461-classes> for class and registration information. Contact Rule 461 Assistance at (909) 396-3546. or email [Rule461assistance@aqmd.gov](mailto:Rule461assistance@aqmd.gov) for additional information.

## Rule 1403 – Asbestos Demolition and Renovation Compliance Training

- October 12, 2022
- December 7, 2022

This half-day class, from 8:00 a.m. to 1:00 p.m., will be conducted via webinar (including standard phone access for those without access to a computer or smart phone). Registration fee is \$101.83 per person. Visit <http://www.aqmd.gov/home/programs/business/training-1403-asbestos-demolition> to register or contact the Asbestos Hotline at (909) 396-2336 for more information.

## Rule 1469 – Hexavalent Chromium Training Certification

- October 27, 2022

This half-day course is presented via Zoom Webinar from 8:30 a.m. to 12:30 p.m. Pre-registration is required. The class fee is \$40.41 per person, due prior to the date of the class. The Zoom Cloud Meetings app must be installed on your device or Google Chrome must be used as the web browser to attend the class.

To register and for fee information, visit <http://www.aqmd.gov/home/programs/business/training-1469-hexavalent-chromium> or call (909) 396-2338 for more information.

## Rule 2202 - Employee Transportation Coordinator (ETC) Training

- October 18 & 20, 2022
- November 1 & 3, 2022
- November 15 & 17, 2022
- December 6 & 8, 2022

Each class is two days in length (Tuesday and Thursday). Classes are conducted online via Zoom from 9:00 a.m. to 11:30 a.m. Registration fee is \$211.16 per person. Enrollment is limited. Early registration is recommended.

For more information, contact the ETC Coordinator at (909) 396-2777, or visit <http://www.aqmd.gov/home/programs/business/training-2202-etc>. To register, e-mail [etctraining@aqmd.gov](mailto:etctraining@aqmd.gov) or call (909) 396-2777.

# Advisor

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