

# Annual Emission Reporting (AER) for Data Year (DY) 2024



Virtual Informational Workshop  
January 15, 2025



*Image courtesy of [www.wallpapersafari.com](http://www.wallpapersafari.com)*

# Agenda

## Program Overview

- South Coast Air Quality Management District (South Coast AQMD) AER
- California Air Resources Board (CARB) Criteria and Toxics Reporting (CTR) Regulation

## What's New for DY 2024

## Reporting

- AER Reporting Process and WebTool
- New AER WebTool Functionalities
- AER WebTool Demonstration

## Questions & Answers



# Program Overview

# Who Must Submit a Report for DY 2024?

Responsibility of the facility to submit an AER if any of the following occur:

## Annual Emissions

- $\geq 4$  tons per year of VOC, SPOG, NO<sub>x</sub>, SO<sub>x</sub>, or PM;\* or
- $\geq 100$  tons per year of CO\*

## Subject to Assembly Bill 2588 (AB 2588) Hot Spots Program

- Annually in addition to quadrennial years (once every four years)

## Subject to CTR

- Criteria, Greenhouse Gas (GHG), Elevated Risk Priority Facilities, Additional Applicability Sector Phase 2

## Rule 317.1

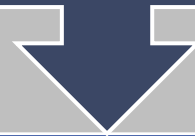
- Facilities Subject to Rule 317.1\*\* (Major Stationary Sources)

\* VOC = Volatile Organic Compounds; SPOG = Specific Organics; SO<sub>x</sub> = Sulfur Oxides; PM = Particulate Matter; CO = Carbon Monoxide

\*\* South Coast AQMD Rule 317.1 – Clean Air Nonattainment Fees for 8-Hour Ozone Standards, <https://www.aqmd.gov/docs/default-source/rule-book/reg-iii/rule-317-1.pdf>

# South Coast AQMD Rule 301\*

**Report annual emissions from permitted and non-permitted equipment/processes**



**Pay emission fees for total emissions that exceeded the thresholds for:**

Criteria Pollutants	66 Toxic Air Contaminants (TAC)	Ozone Depleting Compounds (ODCs)
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## Rule 301 Reporting Elements

- Report annually
- Emissions from permitted, unpermitted equipment
- Emission fees for criteria and toxics

## Additional Toxic Pollutant Reporting Elements

- Report quadrennially
- Additional toxics identified in Emission Inventory Criteria and Guidelines (same as CTR)
- Release locations required for Elevated Risk Priority facilities

# Core CTR Facilities

For DY 2024, CTR Regulation requires criteria and toxic emissions reporting if a facility meets any of the following:

**PTE\* for any non-attainment criteria pollutant or its precursor is > 250 tons/year; or**

**Subject to State Greenhouse Gas Reporting Regulation pursuant to Health & Safety Code Section 38530; or**

**Categorized as Elevated Risk Priority Facility**



# **Reporting Applicability - CTR**



# WHAT IS CTR?



- The Regulation for the Reporting of Criteria Air Pollutants and Toxic Air Contaminants (CTR) is a statewide reporting regulation developed by the California Air Resources Board (CARB)
  - CTR applies to specified facilities that have been issued a permit to operate by the local air district
  - Requires specified facilities to provide emissions data, or the activity data needed to calculate emissions (fuel use, amount of material processed, etc.), to the local air district, on a specified schedule – as directed by the district (district then reports emissions data to CARB)
- After 7-year phase-in period, CTR will eventually require annual criteria pollutant and toxics emissions reporting for virtually all permitted facilities (few exceptions)
- During the phase-in, certain facilities will need to report data to the district using the district's online AER system; we will discuss who and when in upcoming slides

# WHY WAS CTR DEVELOPED?



- The CTR was developed to acquire additional data on emissions from stationary sources -- needed for several air quality programs
- Assembly Bill (AB) 197 requires CARB to provide information to the public regarding criteria pollutant and toxic substance emissions, from stationary sources, at the sub-county level
  - We will need more facility-specific emissions data than we currently collect
  - This makes data available to residents of heavily impacted communities, other CARB programs, air districts, and the general public, to identify, evaluate and address air quality problems
- AB 617 requires CARB and districts to select communities disproportionately impacted by air pollution and, with community representatives, develop plans to mitigate pollution, protect the public
  - Requires community-level emissions from all sources (mobile, area-wide, and stationary, including “smaller” sources)
  - Evaluate cumulative risk from sources, develop plans based on data



# WHO IS SUBJECT TO THE CTR REQUIREMENTS?

- 1<sup>st</sup> version of CTR approved 2018; applies to about 1,500 larger (CORE) facilities in CA
  - Facilities that report GHG emissions to CARB MRR program
  - 250+ tons of criteria pollutants in a non-attainment area
  - “High Priority” facilities, as designated by the district, under AB 2588 Hot Spots Program
- CTR amendments (aligned with amendments to AB 2588 Hot Spots EICG) were approved in November 2020 (began with 2022 data reported in 2023)
  - The three categories above continue to report annually, any facility already required to report to AER also reports annually
  - Several thousand South Coast AQMD facilities will report on a phased in schedule
  - Report at least once during the phase-in period, as specified, and annually beginning with the 2026 data year in 2027, except for the waste handling sector (Phase 3b)
    - Phase 1 began with 2022 emissions reported in 2023
    - Phase 2 begins with 2024 emissions reported in 2025
    - Phase 3 begins with 2025 emissions reported in 2026
    - Phase 3b begins with 2028 emissions reported in 2029

# WHO IS SUBJECT TO THE CTR REQUIREMENTS – PHASE 2?



- Who is in Phase 2? Examples:
  - Retail sale of gasoline
  - Auto body repair and coating
  - Printing and publishing
  - Welding, laser cutting, and plasma cutting of metals
  - Chemicals and allied products manufacturing
- Who is **not** subject to Phase 2? – Any facility not meeting core criteria or Phase 2 criteria. Examples:
  - CTR Phase I and already reported 2022 emissions in 2023
  - Only natural gas combustion emitting less than 4 tons of criteria pollutants
  - Crematories, sand-blasting, char broilers, etc., if less than 4 tons

# HOW TO REPORT, WHAT TO REPORT FOR SOUTH COAST AQMD FACILITIES



- How to report?
  - Provide data to district through AER online tool
  - Do not provide data to CARB, unless specifically instructed to by CARB or South Coast AQMD
  - Access AER system with PIN code provided by the district; district can provide info on when to report
  - DY2024 report will be available in AER Online tool on January 1, 2025
- What to report?
  - Some data will already be in the system for your facility
  - Data to be entered may include information on facility location, mailing address, industrial classification
  - Information on permitted processes and devices (unpermitted sources as directed by the district)
  - Emissions or activity data as directed by the AER system and the district; may include emission factors
  - District will provide additional info

# CARB CONTACT INFORMATION



- Longwen (Owen) Gong, CTR Program Manager
  - [Longwen.Gong@arb.ca.gov](mailto:Longwen.Gong@arb.ca.gov)
- CTR Email
  - [ctr-report@arb.ca.gov](mailto:ctr-report@arb.ca.gov)
- CTR Website:
  - <https://ww2.arb.ca.gov/our-work/programs/criteria-and-toxics-reporting>
- Guidance, FAQs, and copy of the regulation:
  - <https://ww2.arb.ca.gov/our-work/programs/criteria-and-toxics-reporting/guidance-documents-ctr>

# Rule 317.1 Overview

**Major Stationary Source** – facility that emits or has the potential to emit VOC or NO<sub>x</sub> emissions of  $\geq 10$  tons/year

- Notice of applicability sent November 8, 2024
- Other facilities may be notified due to 2024 emissions
- Option to challenge applicability determination or file Exclusion Plan

**Baseline Emissions** – lower of actual emissions or allowable emissions

- Baseline emissions will be determined using emissions in 2024
- A future year will be used for a Major Stationary Source that begins operations after 2024

**Fee Assessment Year** – the calendar year when emissions occurred for which the Clean Air Act Nonattainment Fee is being calculated and assessed

- First Fee Assessment Year is 2025

# Rule 317.1 Facilities

## Rule 317.1 Facilities

- Required to submit AER annually

## Additional Requirements

- Rule 317.1 facilities must also report the following:
  - Architectural Coatings
  - Clean Air Solvents
  - Charbroilers and Deep-Fat Fryers (unpermitted)
  - Portable Equipment Registration Program (PERP)

## Emission Fees

- Emissions categories above are not subject to Rule 301 (e) criteria and toxic emission fees



# Facility Information Section

Work In Progress · Facility ID: 999904 · SOUTH COAST AIR QUALITY MGT DIST(SCAQMD) · Reporting period: 2024

Facility ID: 999904

Facility Comments

**1. Facility Information**

- 2. Status Update
- 3. Combustion Fuels
- 4. Emission Sources (ES)
- 5. Report Process/Emissions
- 6. Additional Toxic Substances Production and Usage
- 7. Architectural Coatings
- 8. Certified Clean Air Solvents
- 9. Perform Data Validation
- 10. Review Summaries
- 11. Print Facility Report
- 12. Report Submission

## Facility Information

**Summary:** This section contains general facility information such as business classification, business location, operating schedule, and contact information.

**Instruction:** Verify that all pre-filled information is correct and fill in any missing information. All fields and checkboxes with a red asterisk (\*) must be completed to certify and submit the AER.

Fields and checkboxes that are grey cannot be changed by users. To correct these fields and/or checkboxes, please contact AER staff at [aer@aqmd.gov](mailto:aer@aqmd.gov) or (909) 396-3660.

### General Facility Info

Facility ID	999904
Reporting Year	2024
RECLAIM	<input checked="" type="checkbox"/>
RECLAIM Designation	R2N
Title V	<input checked="" type="checkbox"/>
AB2588	<input checked="" type="checkbox"/>
- AB2588 Phase	Y
- AB2588 Reporting Year	<input type="checkbox"/>
Rule 317.1	<input checked="" type="checkbox"/>
AER	<input checked="" type="checkbox"/>
CTR	<input type="checkbox"/>
- Core CTR	<input type="checkbox"/> CARB GHG Mandatory Reporting Regulation (MRR) <input type="checkbox"/> Over 250 tons/yr (PTE) non-attainment pollutants or precursors <input type="checkbox"/> Elevated Prioritization Toxic Facilities
- Additional Applicability	<input checked="" type="checkbox"/> Sector Phase 2

# Fee Exemptions

## Qualifying Small Businesses\*

- < 2 tons per year (formaldehyde, perchloroethylene, or methylene chloride)
- Need to file for exemption for fees resulting from emissions of toxics listed above

## CTR

- PERP

## Rule 317.1

- PERP
- Architectural Coatings
- Clean Air Solvents
- Unpermitted Charbroilers and Deep-Fat Fryers
- NOx/VOC for these categories used for baseline, actual year emission determination

## Emissions Data

- Available on South Coast AQMD's Facility Information Detail (F.I.N.D.) webpage and used as a basis for fees

## Other Uses Include:

- Criteria and Toxics Emissions Inventory
- Rule 317.1
- AQMP and Rule Development
- Compliance Verification
- Identification of Facilities Subject to Programs (Title V)
- Establishing Emission Reduction Credits
- Revenue Projection for Air Quality Programs
- Federal and State Emissions Inventory

# Deadline for DY 2024 AER Submittal

Both the AER Electronic Report and Emissions Fee Payment must be received by **5:00 pm on Thursday, May 1, 2025**

- AERs can only be electronically certified and submitted via the online AER WebTool (**no hardcopy submittals**)
- Online payment via the AER WebTool made by e-check or credit card (not available for amounts > \$1,500,000)

# Online Fee Payment

Submitted · Facility ID: 999007 · SOUTH COAST AIR QUALITY MGT DIST(SCAQMD) · Reporting period: 2022

Facility ID: 999007

Abbreviated Reporting

1. Facility Information
2. Status Update
3. Combustion Fuels
4. Emission Sources (ES)
5. Report Process/Emissions
6. Additional Toxic Substances Production and Usage
7. Perform Data Validation
8. Review Summaries
9. Print Facility Report
10. Report Submission

### AER Report Submission to South Coast AQMD

**AER emissions fee of \$45,189.28 is due.**

Please note that payment needs to be received by South Coast AQMD before the report deadline - 5/1/2023, or you will be subject to late fees.

**Important:**

- Please note that online payments made to South Coast AQMD may take up to 24 hours to show up in our system. If you have already made a payment please wait and check your Report Payment Status in 24 hours.
- Please note that your AER Fees Payment has to be processed or postmarked before the deadline or you will be subject to late fees.

**Payment Option 1 - Pay via South Coast AQMD Online Payment Portal**

[Go to South Coast AQMD Payment Portal](#)

**Payment Option 2 - Pay via Check**

1. [Print AER Payment Voucher and instructions](#)
2. The AER Payment Voucher and check are first received and processed by Bank of America for check deposits, return receipts for certified mails will be stamped by Bank of America rather than AQMD. Please mail the required AER Payment Voucher and check to the following address:

South Coast Air Quality Management District  
Annual Emission Reporting Program  
File No. 54493  
Los Angeles, CA 90074-4493

- AER WebTool will automatically generate an invoice during checkout if emissions fees are due
- Click on “Go to South Coast AQMD Payment Portal”

# Must Pay with Physical Check?

**Mail to *(must be postmarked by May 1, 2025):***

Print the AER Payment Voucher to submit along with check payable to 'South Coast AQMD' for all fees due

## **For Regular Delivery**

South Coast AQMD  
Annual Emissions Reporting Program  
P.O. Box 54493  
Los Angeles, CA 90074-4493

## **For Express/Overnight Delivery (e.g., FedEx, USPS, Certified Mail)**

Bank of America Lockbox Services  
Lockbox 54493  
2706 Media Center Drive  
Los Angeles, CA 90065

# Must Pay with Physical Check? (continued)

## Messenger or Courier Service to HQ\*:



South Coast AQMD

Annual Emissions Reporting Program

Attn: Cash Management

21865 Copley Drive

Diamond Bar, CA 91765-4178



# What's New for DY 2024



# What's New for DY 2024

- Submittal Deadline Thursday, May 1, 2025, at 5 pm
- CTR Phase 2
  - Auto Body – Separate Webinar on Wednesday, January 22, 2025
  - Retail Gas Stations – **Must file Rule 461\***
- **Throughput Report**
- Rule 317.1 Facilities
- New and Updated Guidance Documents
  - FAQ (update)
  - Auto Body (new)
  - Rule 317.1-specific guidelines (new)
- Phase-in of Abbreviated Reporting Fee
- Rule 301 Table III CPI Adjustments of 3.5%



# Additional Applicability Sector Phase 2 Facilities

Sector No	Permitted Process
17	Isocyanate compound use
18	Printing and publishing
19	Hazardous waste treatment, storage, disposal, recycle
20	Welding, laser/plasma cutting
21	Construction aggregate processing with asphalt products
22	Chemicals and allied product manufacturing
23	Bulk petroleum/benzene storage and loading
24	PBBs/brominated diphenyl ethers
25	Ethylene oxide sterilization
26	Leather and hide tanning, finishing, processing
27	Retail sale of gasoline
28	Autobody repair and coating operations
29	Medical services, hospitals, related facilities using formaldehyde, glutaraldehyde, ethylene oxide, OR diesel engines
30	Flat glass manufacturing
31	Press or blown glassware manufacturing
32	Clay ceramics manufacturing

# Abbreviated Reporting

## Do Not Qualify

- Core CTR
- AB 2588
- Rule 317.1
- Rule 301 (e.g., exceed 4 tpy criteria)

## Qualified Activities

- Retail gasoline dispensing – *file Rule 461 Throughput Report*
- Agricultural operations limited to dairy, poultry, and swine farms
- Combustion of natural gas or propane (LPG) in boilers or heaters
- Diesel-powered emergency standby generators, direct-drive emergency standby fire suppression pump engines, direct-drive emergency standby fire water pump engines, or other engines permitted as emergency equipment
- Cremation of human or animal remains

Default emission factors for these activities are pre-populated in the tool

Abbreviated Reporting fee pursuant to Rule 301

# Reminders for DY 2025

## Recordkeeping Reminder for Sector Phase 3

- Examples:
  - Natural gas, propane combustion (qualifies for Abbreviated Reporting)
  - Primary/secondary metal melting, refining, forging operations

## Not Required to Report

- Sector Phase 1 and 2 Additional Applicability Facilities (only those that submitted report for relevant data years)
- Sector Phase 3B



# Overview of WebTool

# Accessing AER WebTool and Facility Report

## Instructions

- Available on AER Webpage:  
[www.aqmd.gov/aer](http://www.aqmd.gov/aer)
- Help and Support Manual
- Additional tutorial information available within the AER WebTool

## Register

- Go to the AER WebTool at  
<https://aerreportingtoolpro.aqmd.gov/>

## Access

- Access report using Facility ID and PIN code (obtained from Notification Letter)



# Help in AER WebTool

AER Home Browse Facilities Access Facility **START HERE**

Submitted · Facility ID: 999007 · SOUTH COAST AIR QUALITY MGT DIST(SCAQMD) · Reporting period: 2022 · **Abbreviated**

Facility ID: 999007

**Status Update**

**Summary:** This page informs AER staff about any changes in business operation status.  
**Instruction:** Click on the status change check box(es) that apply to the facility. If no changes have occurred, select the “No Changes” check box. If the user believes that the facility is not subject to annual emission fees per Rule 301(e), please contact AER staff at [aer@aqmd.gov](mailto:aer@aqmd.gov) or (909) 396-3660.  
 Facility shutdown, change of ownership, and/or change of equipment location should also be reported to Permit Services at [permitservices@aqmd.gov](mailto:permitservices@aqmd.gov) or (909) 396-3385.

**Status Update \***

Facility ID

No Change

Report sections have summary instructions

Add New Fuel ⓘ

Action	Fuel Name	Source Name
<a href="#">Open</a>	Natural Gas	
<a href="#">Open</a>	Landfill Gas (Biogas)	841.00 YES
<a href="#">Open</a>	Distillate Fuel Oil No. 2	138.00 YES
<a href="#">Open</a>	Process Associated Gas	840.00 YES
<a href="#">Open</a>	Digester Gas (Biogas)	841.00 YES
<a href="#">Open</a>	Gasoline	125.00 YES

Reporters should add Fuels before emission sources (ES)

Pan over “i” icons to reveal report entry tips

# General Report Sections



1. Facility Information
2. Status Update
3. Combustion Fuels
4. Release Location
5. Emission Sources (ES)
6. Report Process and Emissions
7. Additional Toxic Substances Production/Usage
8. Architectural Coatings\*
9. Certified Clean Air Solvents\*
10. Perform Data Validation
11. Review Summaries
12. Print Facility Report
13. Electronic Report Submission and Payment



# Facility-Specific Sections

Facility Type	Details
<p><b>All CTR and AB 2588 Facilities</b></p>	<ul style="list-style-type: none"> <li>• Expanded List of Toxic Substances</li> <li>• Additional Toxic Substances Production and Usage</li> </ul>
<p><b>Core CTR</b></p>	<ul style="list-style-type: none"> <li>• Expanded List of Toxic Substances</li> <li>• Additional Toxic Substances Production and Usage</li> <li>• PERP</li> <li>• Release Location</li> </ul>
<p><b>Rule 317.1 (NOx and VOC)</b></p>	<ul style="list-style-type: none"> <li>• PERP</li> <li>• Architectural Coatings</li> <li>• Certified Clean Air Solvents</li> <li>• Unpermitted Charbroilers, Deep-fat Fryers</li> </ul>

# Emission Sources (ES)

## Device-level Reporting

- Entered as “Emission Sources” or ES
- Example 1: A permitted unit (one application number) consisting of a dryer and a printing press = 2 devices (2 ES)
- Example 2: An unpermitted boiler = 1 device (1 ES)

## Permit Profile Preloaded for Each Facility

- If device (ES) is not available in the South Coast AQMD permit database, the user must add the device (ES)

# Emission Source Categories

## External Combustion

Boilers, ovens, dryers, heaters, furnaces, space heaters, afterburners, kilns, incinerators, flares

## Internal Combustion

Internal combustion engines, turbines, microturbines, engine test cells

## Spray Coating Operations

Open Spraying, paint spray booths

## Other use of Organics

Use of organics except in spray coating operations (e.g., printing applications, use of adhesives)

# Emission Source Categories (continued)

## Storage Tanks

Storage tank and dispensing, small aboveground/underground tanks (< 10,000 gallons), tank data imported using *Storage Tank Emissions Upload Files*

## Fugitive Components

Applicable only if reporting fugitive emissions from components per South Coast Rule 1173\* and 1176\*\* (e.g., valves, flanges, connectors)

## Other Processes

Processes not specifically addressed by available process templates

## Process Upsets

Applicable for non-routine operations (e.g., upsets, breakdowns, spills)

# Process and Emissions Data Entry

After emission sources are inputted, data must be completed in the following order:

1. Identify Process

2. Enter Throughput/Material Usage

3. Select Pollutant and Enter Emission Factors

# Useful AER WebTool Features

**Import data from  
Last Year Report**

**Ability to create  
emissions sources  
for both permitted  
and unpermitted  
operations**

**Same screen  
summary display  
for all emissions  
(criteria, toxics,  
ODC)**

**Import function for  
*Storage Tank  
Emissions Upload  
Files***

**Saving of partially  
completed report**

**Upload function for  
supporting  
documentation**

**Conversion  
calculator**

# What Emissions Should Be Reported?

## Report

- Emissions from all stationary and portable sources, both permitted and unpermitted (with qualifier for PERP)
- Relevant criteria and toxic compounds available in the AER WebTool emitted in subject year

## Do Not Report

- On-Road and Off-Road Motor Vehicles
- Architectural Coating Usage (must report if used in manufacturing)\*
- Utility Equipment (e.g., lawn mowers, leaf blowers)
- Unpermitted Charbroilers and Deep-Fat Fryers\*
- Some exempt materials per Rule 102 (e.g., acetone, ethane)

# Portable Emission Sources

- AER Requirements
  - Permitted and Unpermitted Portable Emission Sources, except PERP
- CTR
  - Permitted and Unpermitted Portable Emission Sources
  - PERP for GHG or Criteria Facilities
- Must report under the Facility ID where it was operated
  - Each permitted equipment reported as a separate emission device
- See Portable Equipment Guideline



**Portable  
Generator  
Sets (power  
generation,  
fire control)**



**Soil  
Remediation  
Equipment**



# What Supporting Documentation Do I Need?

## References for Non-Default Emission Factors:

- Continuous Emission Monitoring System (CEMS) summary data
- Source tests (approved or submitted for approval)
- Method and data for back-calculations
- Safety Data Sheets
- Documentation for toxic emission factors
- Other references (e.g., U.S. EPA AP-42, CAPCOA)

## Control Efficiency Documentation

- (e.g., manufacturer's guarantee/certification, source tests)

## Other Documentation

- Refer to the Help & Support Manual on the AER webpage

# How Long Must Records Be Kept?

Maintain copies of supporting documentation for a minimum of five years (examples):

Completed Annual Emissions Report

Throughput/Material Usage Records

Source Test Reports



# Available Resources

## South Coast AQMD

- Tutorial Videos
- Guideline Documents for AER WebTool New Features
- Additional Process-Specific Emissions Calculation Guidelines
- AER Help & Support and FAQ Documents
- List of Facilities Subject to Reporting DY2024
- [www.aqmd.gov/aer](http://www.aqmd.gov/aer)

## CARB CTR

- Fact Sheet and FAQ
- <https://ww2.arb.ca.gov/our-work/programs/criteria-and-toxics-reporting/guidance-documents-ctr>

# QUESTIONS & ANSWERS

# NEW AER WEBTOOL FUNCTIONALITIES

# Rule 317.1 – Architectural Coatings

New Section for Architectural Coatings

Applicable for Rule 317.1 Facilities Only

Based on Rule 1113\* Reporting Categories

Summary Pages Updated to separate Rule 317.1 VOC Emissions

Not Subject to Rule 301 Fees

Facility ID: 999904

- Facility Comments
- 1. Facility Information
- 2. Status Update
- 3. Combustion Fuels
- 4. Emission Sources (ES)
- 5. Report Process/Emissions
- 6. Additional Toxic Substances Production and Usage
- 7. Architectural Coatings
- 8. Certified Clean Air Solvents
- 9. Perform Data Validation
- 10. Review Summaries
- 11. Print Facility Report
- 12. Report Submission

## Architectural Coatings

**Summary:** Report the use of architectural coatings using either SCAQMD-provided defaults or known VOC content.

**Instruction:** Make selections for each of the three coating properties (category, base, and use). The combination of the three coating properties will return a default VOC content. Alternatively, the user can enter the known VOC content of the product and a product description (i.e. manufacturer and product name/number) by unchecking the “Use SCAQMD Default EF” box. If no VOC data is available for a given combination of properties, the VOC Content box will remain blank, and the user must provide their product-specific VOC content and description. Enter annual usage of the product. VOC emissions will be calculated and displayed. Click “Save” to add the coating to the summary table.

### Architectural Coating Reporting

Facilities subject to Rule 317.1 are required to report emissions from sources that are exempt from Rule 301 reporting including emissions from the use of architectural coatings. Emissions reported on this page are exempt from Rule 301 fees.

The coating categories and product codes follow the Table of Standards in Rule 1113. Default emission factors are provided for ease of reporting and are derived from sales data submitted by manufacturers for Rule 1113 reporting. The user has the option to use VOC contents (EFs) specific to the product that was used but must provide the product information.

For more guidance on reporting architectural coatings, see the Rule 317.1 Reporting Guideline [here](#).

Coating Category (Product Code)	Primers, Sealers, and Undercoaters (Product Code 30) *
Coating Base	Solvent-borne *
Coating Use	Exterior *
Annual Usage	100 * Gallons
Use SCAQMD Default EF	<input checked="" type="checkbox"/> If not using an SCAQMD default, product information must be provided below
Product Information (Manufacturer and product name)	*
VOC Content (EF)	0.564380568197121 * lbs/gal
VOC Emissions	56.4380568197121 lbs

Save or [Cancel](#)

\* South Coast AQMD Rule 1113 – Architectural Coatings, <https://www.aqmd.gov/docs/default-source/rule-book/reg-xi/r1113.pdf>

# Rule 317.1 – Certified Clean Air Solvents

- New Section for Clean Air Solvents
- Applicable for Rule 317.1 Facilities Only
- VOC Content based on 25 grams per liter for Certified Clean Air Solvents
- Summary Pages Updated to Separate Emissions
- Not Subject to Rule 301 Fees

Facility ID: 999904

**Facility Comments**

1. Facility Information
2. Status Update
3. Combustion Fuels
4. Emission Sources (ES)
5. Report Process/Emissions
6. Additional Toxic Substances Production and Usage
7. Architectural Coatings
- 8. Certified Clean Air Solvents**
9. Perform Data Validation
10. Review Summaries
11. Print Facility Report
12. Report Submission

### Certified Clean Air Solvents

**Summary:** Report the total annual use of Certified Clean Air Solvents.

**Instruction:** Enter the total usage in gallons of all Certified Clean Air Solvents used in the data year. Click "Save" to record the data.

#### Certified Clean Air Solvents Reporting

Facilities subject to Rule 317.1 are required to report emissions from sources that are exempt from Rule 301 reporting including emissions from the use of Certified Clean Air Solvents. Emissions reported on this page are exempt from Rule 301 fees. Reporting the use of non-certified solvents is required by Rule 301 and subject to fees. To report non-certified solvent usage, add a new emission source and report as normal.

Certified Clean Air Solvents are products certified to meet the VOC limit of 0.2086 lbs/gal (25 g/L). For a list of Certified Clean Air Solvent Products click [here](#).

Report your total usage of all Clean Air Solvents during the data year as one number. A VOC content of 0.2086 lbs/gal (25 g/L) will be used to calculate the total VOC emissions.

For more guidance on reporting Certified Clean Air Solvents, see the Rule 317.1 Reporting Guideline [here](#).

Annual Usage	<input type="text"/>	* gal
VOC Content	0.2086	lbs/gal
VOC Emissions	0	lbs

**Save**

# PERP Reporting Feature

- PERP Checkbox
  - Available in Emission Source Profile for Unpermitted Emission Sources
- Rule 317.1 Facilities, CTR Criteria, and GHG Only
- Emission Source Categories
  - External Combustion
  - Internal Combustion (except stationary ICE)
  - Other Process Equipment
- Emission/Fee Summary Page
  - Updated to separate PERP emissions

Work In Progress · Facility ID: 999002 · SOUTH COAST AIR QUALITY MGT DIST(SCAQMD) · Reporting period: 2022

Facility ID: 999002

1. Facility Information
2. Status Update
3. Combustion Fuels
4. Emissions Release Locations
5. Emission Sources (ES)
6. Report Process/Emissions
7. Additional Toxic Substances Production and Usage
8. Perform Data Validation
9. Review Summaries
10. Print Facility Report
11. Report Submission

### Edit Emission Source

**Instruction:** Add new emissions sources using information found on permits, manufacturers specifications, or identifying placards. Select the Operating ES Status that best reflect the device's operation for this reporting period. All areas with a Red Asterisk (\*) must be addressed. Note: Some devices have been pre-populated, verify that the information is correct

Permitted	<input type="checkbox"/>	← Do not select
A/N		
PERP Equipment(CARB's Portable Equipment Registration Program)	<input checked="" type="checkbox"/>	Only CARB GHG MRR and Over 250 tons/yr (PTE) facilities must report PERP Emissions are not included when calculating emission fees
Permit No		
Permit Device ID		
Permit Equipment Description		
AER Device ID	ES8	
ES Name	ICE	
Operating ES Status	Normal Operation	← PERP – select this
Comment	<input type="text"/>	
Emission Source Category	Internal Combustion	Categorize Emission Source *
Equipment	Portable I.C. Engines, 2 Stroke-Lean Burn, with Catalyst	
Emergency Generator	<input type="checkbox"/>	
Emergency Fire Suppression or Fire Water Pumps	<input type="checkbox"/>	
Other Permitted Emergency Engines	<input type="checkbox"/>	
Design Capacity	0.000000	

Select as Grouping Model

Save or Save and return to List of Emission Sources or

Save and proceed to Process Reporting or Cancel

Optional: Save and Mark as Completed [Click here to delete](#) this emission source and associated data.



# Rule 317.1 – Unpermitted Charbroilers, Fryers

Applicable for Rule 317.1 Facilities Only

NO<sub>x</sub> and VOC Content default emission factors available

Note that this section is available to all reporters, since some are permitted

Not Subject to Rule 301 Fees

**Categorize Emission Source**

Permitted	A/N	Permit No	Permit Device ID	Permit Equipment Description	AER Device ID	ES Name
No					ESnull	Charbroiler

1. External Combustion Equipment (e.g., boiler, dryer, oven, furnace, heater, afterburner, flare, kiln or incinerator) [click here](#) to select one the following Equipment:

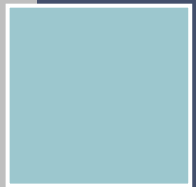
<input type="checkbox"/> Boiler <10 MMBTU/HR	<input type="checkbox"/> Heater 10-100 MMBTU/HR
<input type="checkbox"/> Boiler 10-100 MMBTU/HR	<input type="checkbox"/> Heater >100 MMBTU/HR
<input type="checkbox"/> Boiler >100 MMBTU/HR	<input type="checkbox"/> Space/Water heater - not related to a process <10 MMBTU/HR
<input type="checkbox"/> Oven <10 MMBTU/HR	<input type="checkbox"/> Afterburner <10 MMBTU/HR
<input type="checkbox"/> Oven 10-100 MMBTU/HR	<input type="checkbox"/> Afterburner 10-100 MMBTU/HR
<input type="checkbox"/> Oven >100 MMBTU/HR	<input type="checkbox"/> Afterburner >100 MMBTU/HR
<input type="checkbox"/> Dryer <10 MMBTU/HR	<input type="checkbox"/> Kilns
<input type="checkbox"/> Dryer 10-100 MMBTU/HR	<input type="checkbox"/> Incinerator
<input type="checkbox"/> Dryer >100 MMBTU/HR	<input type="checkbox"/> Crematorium
<input type="checkbox"/> Furnace <10 MMBTU/HR	<input type="checkbox"/> Flare
<input type="checkbox"/> Furnace 10-100 MMBTU/HR	<input type="checkbox"/> Charbroiler
<input type="checkbox"/> Furnace >100 MMBTU/HR	<input type="checkbox"/> Deep Fat Fryers
<input type="checkbox"/> Heater <10 MMBTU/HR	

← Identify equipment

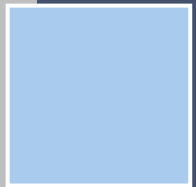
# Rule 317.1 – Unpermitted Charbroilers, Fryers (continued)



Checkbox applicable for Rule 317.1 facilities only



NOx and VOC emissions are available in Summary Page, shown separately



Not subject to Rule 301 fees

**Categorize Emission Source**

<input type="checkbox"/> Furnace <10 MMBTU/HR	<input type="checkbox"/> Flare
<input type="checkbox"/> Furnace 10-100 MMBTU/HR	<input type="checkbox"/> Charbroiler
<input type="checkbox"/> Furnace >100 MMBTU/HR	<input type="checkbox"/> Deep Fat Fryers
<input type="checkbox"/> Heater <10 MMBTU/HR	

**▲ In addition to burning fuels, if this device processes other materials, make sure box "Other Process Emissions" is checked under Category 7 below.**

2. Internal Combustion Equipment (e.g., internal combustion engine (excluding vehicles), turbine or micro turbine) [click here](#) to select one of the following Equipment:

3. Spray Coating/Spray Booth (e.g., coatings, solvents, adhesives, etc.) [click here](#) to select one of the following Equipment:

4. Other Use of Organics (e.g., coatings, solvents, inks, adhesives, etc.) except in Spray Coating/Spray Booth, [click here](#) to select one of the following Equipment:

5. Liquid Storage Tank (e.g. Underground, Aboveground, Small Tanks, Dispensing Systems) [click here](#) to select one of the following Equipment:

6. Fugitive Components (Emission Leaks from Process Components per Rule 462, 1173 and 1176), [click here](#) to select all applicable Equipment:

7. Other Processes (does not fit in any of the groups mentioned above), click [click here](#) to mark "Other Process Equipment":

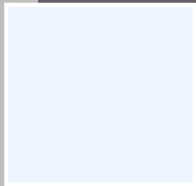
Other process equipment

**Make appropriate selection**

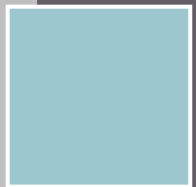
**Select this box**

Save Cancel

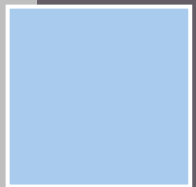
# Rule 317.1 – Unpermitted Charbroilers, Fryers (continued)



Checkbox applicable for Rule 317.1 facilities only



NOx and VOC emissions are available in Summary Page, shown separately



Not subject to Rule 301 fees

Work In Progress · Facility ID: 999904 · SOUTH COAST AIR QUALITY MGT DIST(SCAQMD) · Reporting period: 2024



Facility ID: 999904

**Facility Comments**

1. Facility Information
2. Status Update
3. Combustion Fuels
4. Emission Sources (ES)
5. Report Process/Emissions
6. Additional Toxic Substances Production and Usage
7. Architectural Coatings
8. Certified Clean Air Solvents
9. Perform Data Validation
10. Review Summaries
11. Print Facility Report
12. Report Submission

**Edit Emission Source**

**Instruction:** Add new emissions sources using information found on permits, manufacturers specifications, or identifying placards. Select the Operating ES Status that best reflect the device's operation for this reporting period. All areas with a Red Asterisk (\*) must be addressed. Note: Some devices have been pre-populated, verify that the information is correct

Permitted	<input type="checkbox"/>
A/N	
PERP Equipment(CARB's Portable Equipment Registration Program)	<input type="checkbox"/> 
Permit No	
Permit Device ID	
Permit Equipment Description	
AER Device ID	will be assigned upon saving
ES Name	Charbroiler *
Operating ES Status	Normal Operation *
Comment	<input type="text"/>
Emission Source Category	External Combustion, Other Processes <b>Categorize Emission Source *</b>
Rule 317.1 Equipment	<input type="checkbox"/>  ← <b>Select this box</b>
Design Capacity	0.000000 <input type="text"/>

- **Virtual Webinar (Zoom)**
  - January 22, 2025, 2:00 pm to 4:00 pm
  - <https://scaqmd.zoom.us/j/93745510164>
  - Zoom Webinar ID: 937 4551 0164
- **AER Webpage**
  - <http://www.aqmd.gov/aer>

# Auto Body Webinar

# WEBTOOL DEMONSTRATION

# QUESTIONS & ANSWERS

# Program Supports

- **AER Webpage**
  - <http://www.aqmd.gov/aer>
- **AER Staff**
  - Email: [aer@aqmd.gov](mailto:aer@aqmd.gov)
  - Hotline: (909) 396-3660
- **CTR Staff**
  - Email: [ctr-report@arb.ca.gov](mailto:ctr-report@arb.ca.gov)
  - Hotline: (916) 382-0997
- **AB 2588 Staff**
  - Email: [ab2588@aqmd.gov](mailto:ab2588@aqmd.gov)
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