NEW ANNUAL EMISSION REPORTING (AER) ONLINE REPORTING TOOL FEATURES FOR DATA YEAR 2022

VIRTUAL INFORMATIONAL WORKSHOP

NOVEMBER 16, 2022

AGENDA

- Reporting Requirements
  - CARB Criteria and Toxics Reporting (CTR) Regulation
  - South Coast AQMD Annual Emissions Reporting (AER)
- What's New for Data Year 2022
- Reporting Tool New Features
- Supporting Documents in Development
- Questions & Answers

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 6-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?

- 1st version of CTR approved in 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 (begins with 2022 data reported in 2023)
  - The three categories above continue to report annually, any facility already required to report to AER also report 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 in 2026
    - Phase 1 begins 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 1?

- Who is in Phase 1?
  - Any facility emitting over 4 tons of criteria pollutants (e.g., PM, VOC, NOx, CO) (probably already reporting to AER)
    - Gas stations dispensing over 10 million gallons (otherwise, Phase 2)
    - 99% of auto body shops are below 4 tons of VOC (if below 4 T, and no other sources, Phase 2)
  - Permitted, diesel-powered fuel combustion such as emergency generators (brings in several thousand facilities)
  - Use of specified solvents as part of a permitted process
  - Dry cleaners
  - Plating using chromium or cadmium
  - Releases from fumigation of crops for market (post-harvest)
- Who is ***not*** subject to Phase 1? – Any facility not meeting core criteria or Phase 1 criteria. Examples:
  - Only permit is for fuel dispensing ***and*** less than 10 million gallons/year
  - Only permit is for paint booth(s) ***and*** less than 4 T of VOC (99+% of body shops)
  - Only natural gas combustion less than 4 T
  - Crematories, sand-blasting, char broilers, etc., if less than 4 T

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
  - DY2022 report will be available on AER Online tool in January 1, 2023
- 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

WHAT ELSE IS NEW FOR 2022 EMISSIONS REPORTED IN 2023?

- Only for facilities that report GHGs to MRR program and 250+ ton facilities: report estimate of emissions from portable diesel-powered engines use on-site, regardless of ownership or permit status
  - Includes contractor engines, PERP-registered engines (turn-arounds, maintenance, construction)
  - Can report emissions from individual units, or aggregated emissions from all units (as one source)
  - Use best available methods and data, including engineering estimates; if engine-specific information is not available, estimate the number of engines, fuel use or hours operated, use default emission factors
- For core facilities: report release location data (stack height, diameter, temperature, flow rate, velocity); more info provided by district in upcoming slides
- New list of toxic chemicals to be reported, if emitted by a facility
- If emissions of a toxic substance cannot be quantified (no method or emission factor available), report amount present, used, or produced on site during the year
- Abbreviated reporting: for some sources (including emergency standby engines), emission factors are pre-populated; reporter only needs to report activity data as directed by district

CARB CONTACT INFORMATION

- John Swanson, Manager
  - (916) 382-0997
  - John.Swanson@arb.ca.gov
- Daniel Sloat, Staff
  - (916) 318-6337
  - Daniel.Sloat@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

QUESTIONS & ANSWERS

Reporting Applicability - AER

WHO MUST SUBMIT A REPORT?

It is the responsibility of the facility to submit an annual emissions report if <u>any of the following occur</u>:

Annual Emissions	• ≥ 4 tons/year of VOC, SPOG, NOx, SOx, or PM; or • ≥ 100 tons/year of CO
Subject to the AB 2588 Hot Spots Program	• Annually in addition to quadrennial years
Subject to the state Criteria and Toxic Reporting (CTR) Regulation (Data Year 2022)	• Core CTR Facilities (Criteria, Greenhouse Gas, Elevated Risk Priority Facilities) • Additional Applicability Facilities

FACILITY INFORMATION SECTION (AB2588 AND CTR DESIGNATION)

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

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 or (909) 396-3660.

General Facility Info

Facility ID	999002
Reporting Year	2022
RECLAIM	☐
RECLAIM Designation	
Title V	☐
AB2588	☐
- AB2588 Phase	3
- AB2588 Reporting Year	☑
AER	☑
CTR	☑
- Core CTR	☑ CARB GHG Mandatory Reporting Regulation (MRR)
	MRR CARB ID: *
	☐ Over 250 tons/yr (pte) non-attainment pollutants or precursors
	☐ Elevated Prioritization Toxic Facilities
- Additional Applicability	☐ Actual Criteria Air Pollutants >= 4tpy (100 tpy CO)
	☐ Sector Phase 1
	☐ Sector Phase 3B

WHAT'S NEW FOR DATA YEAR 2022 FOR AER?

WHAT'S NEW FOR DATA YEAR 2022?

- Reporting/Fee Submittal Deadline 5:00pm on May 1, 2023
- Additional Applicability Facilities CTR Facilities
- Longer list of TACs for CTR facilities (>700 TACs)
- Abbreviated Reporting Option
- Release Location Data for Core CTR Facilities
- Capability for Reporting Usage or Production for Specific CTR Toxic (Table B-2 TACs)
- New Feature for Portable Equipment Reporting

AER REPORTING TOOL AND REPORT PROCESS

ACCESSING AER REPORTING TOOL AND FACILITY REPORT

- Instructions available on AER webpage (http://www.aqmd.gov/aer/aer.html)
  - Help and Support Manual and FAQs
  - Additional tutorial information available within the AER Reporting Tool
- Go to the AER Reporting Tool at https://aerreportingtoolpro.aqmd.gov/ and register
- Access report using Facility ID# and Facility PIN (from notification letter)

GENERAL REPORT SECTIONS (PRIOR TO DY2022)

1. Facility Information
2. Status Update
3. Combustion Fuels
4. Emission Sources (ES)
5. Report Process and Emissions
6. Perform Data Validation
7. Review Summaries
8. Review Facility Report
9. Electronic Report Submission and Payment

DY2022 NEW FACILITY SPECIFIC SECTIONS

Pursuant to CTR regulations' new reporting requirements for DY2022 new sections were added to the AER tool:

Core CTR Facilities	• Emission Release Location • Additional Toxic Substances Production and Usage • Expanded List of Toxic Substances
AB2588 & CTR Additional Applicability Facilities	• Additional Toxic Substances Production and Usage • Expanded List of Toxic Substances
Not Core CTR nor AB2588 Facilities	• Abbreviated Reporting • Additional Toxic Substances Production and Usage • Expanded List of Toxic Substances

New Reporting Features

ABBREVIATED REPORTING

- Not allowed for Core CTR & AB2588 Facilities
- Qualified Activities:
  - 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
  - Dispensing of gasoline or diesel
  - Cremation of human or animal remains
- Default emission factors for all these activities are pre-populated in the tool
- Abbreviated reporters are exempt from toxic fee provisions of South Coast AQMD Rule 301(e)(7) unless Rule 301(e)(1)(B) thresholds are exceeded

ABBREVIATED REPORTING (REPORTING TYPE SELECTION)

Work In Progress · Facility ID: 999003 · SOUTH COAST AIR QUALITY MGT DIST(SCAQMD) · Reporting period: 2022

Facility ID: 999003

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

Facility Abbreviated Reporting

Summary: The California Air Resources Board (CARB) has adopted the Regulation for the Reporting of Criteria Air Pollutants and Toxic Air Contaminants (CTR, 17, California Code of Regulations (CCR), section 93400 et seq.). The CTR includes provisions for abbreviated reporting Regulation (§ 93421. Abbreviated Reporting), which allows reporters with facilities subject to the regulation to submit emission source details and throughput. Emissions are estimated by air pollution control districts or CARB based on the information provided.

Instructions: Reporters for facilities that qualify for abbreviated reporting should read the Abbreviated Reporting Requirements and South Coast AQMD Abbreviated Reporting Certification Statement below, acknowledge they read the statement and agree with the Certification Statement by checking the two check boxes below the Certification Statement. Lastly, the reporter will need to click on the button "Select Abbreviated Reporting" before being able to file an abbreviated AER.

Please note that selecting fuel or equipment that are not included as qualified for abbreviated reporting under the CTR will exclude the facility from abbreviated reporting. Use of non-default emission factors (e.g., site specific monitoring or source test emission factors) will also exclude facilities from abbreviated reporting. **Any condition that would exempt a facility from abbreviated reporting will be listed at the bottom of this page.**

Abbreviated Reporting Requirements

Except for facilities subject to the CTR applicability criteria in sections 93401(a)(1), (2),and (3) (i.e., GHG MRR Facilities, Criteria Facilities,and Elevated Toxics Facilities respecitvily) as well as AB2588 facilties, the facilities that only operate activities listed below are qualfied to use the abbreviated reporting provisions of CTR.

1. Some agricultural operations.
2. Combustion of natural gas or propane in boilers or heaters.
3. 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
4. Dispensing of gasoline and diesel.
5. Cremation of humans or animals.

Abbreviated Reporters do not need to report unpermitted equipment or activities. Doing so may disqualify your report from Abbreviated to General reporting.

For a detailed guide on abbreviated reporting please refer to the AER webpage here

Certify you qualify for Abbreviated Reporting

Certify you qualify for Abbreviated Reporting

South Coast AQMD Abbreviated Reporting Certification Statement

I understand and agree that both I and the facility I am representing will be held as legally bound, obligated, or responsible by my electronic certification, and that legal action can be taken against me or the facility I am representing based on my use of my electronic certification in knowingly submitting false information in an electronic document to the South Coast AQMD AER Electronic Reporting System.

I certify that I have been authorized by an officer of the permit holder as an individual who has knowledge and responsibility for emissions data to submit and certify the accuracy of the data presented in the emissions report on behalf of the permit holder, based on best available knowledge.

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this emissions report, and believe that the information is true, accurate and complete.

I understand and agree that both I and the facility I am representing will be held as legally bound, obligated, or responsible by my electronic certification, and that legal action can be taken against me or the facility I am representing based on my use of my electronic certification in knowingly submitting false information in an electronic document to the South Coast AQMD AER Electronic Reporting System.

☑ I acknowledge that I have read the South Coast AQMD Abbreviated Certification Statement.*
☑ I agree on the responsibility for this AER Report Submission in accordance with Certification Statement.*

- South Coast AQMD may review report submission and if needed will revert your report from Abbreviated to Regular Reporting.

You have selected Abbreviated Reporting

☑ Abbreviated Reporting ☐ Regular Report

ABBREVIATED REPORTING (QUALIFIED ACTIVITIES – FUEL TYPE)

Work In Progress · Facility ID: 999003 · SOUTH COAST AIR QUALITY MGT DIST(SCAQMD) · Reporting period: 2022

Facility ID: 999003

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

Form data is successfully saved.

Combustion Fuels Specification

Summary: This section informs the South Coast AQMD of the combustion fuels (fuels being burned) that were used in the facility.

Instruction: Click on "Add New Fuel" to specify all the combustion fuels (fuels being burned) that were used in the facility during this reporting period. Do not include fuels used exclusively in vehicles.

Add New Fuel

Action	Fuel Name	Qualifies for Abbreviated Reporting	Comment
Open	Propane	YES	
Open	Distillate Fuel Oil No. 2 (Diesel)	YES	
Open	LPG	YES	
Open	Natural Gas	YES	
Open	Landfill Gas (Biogas)	NO	
Open	Residual Fuel Oil No. 6	NO	

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Facility ID: 999003

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Edit Combustion Fuel Data

Fuel	Natural Gas *
Comment	
Qualifies for Abbreviated Reporting?	Natural Gas qualifies for Abbreviated Reporting for some equipment type

Save or Cancel

Work In Progress · Facility ID: 999003 · SOUTH COAST AIR QUALITY MGT DIST(SCAQMD) · Reporting period: 2022

Facility ID: 999003

Abbreviated Reporting
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Edit Combustion Fuel Data

Fuel	Residual Fuel Oil No. 6 *
Comment	

Save or Cancel

ABBREVIATED REPORTING (QUALIFIED ACTIVITIES – EMISSION SOURCE CATEGORY)

All Emission Source with this icon (A) qualify for AER Abbreviated Reporting

Categorize Emission Source

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

- ☐ Boiler <10 MMBTU/HR (A)
- ☐ Boiler 10-100 MMBTU/HR (A)
- ☐ Boiler >100 MMBTU/HR (A)
- ☐ Oven <10 MMBTU/HR (A)
- ☐ Oven 10-100 MMBTU/HR (A)
- ☐ Oven >100 MMBTU/HR (A)
- ☐ Dryer <10 MMBTU/HR (A)
- ☐ Dryer 10-100 MMBTU/HR (A)
- ☐ Dryer >100 MMBTU/HR (A)
- ☐ Furnace <10 MMBTU/HR (A)
- ☐ Furnace 10-100 MMBTU/HR (A)
- ☐ Heater 10-100 MMBTU/HR (A)
- ☐ Heater >100 MMBTU/HR (A)
- ☐ Space/Water heater - not related to a process <10 MMBTU/HR (A)
- ☐ Afterburner <10 MMBTU/HR
- ☐ Afterburner 10-100 MMBTU/HR
- ☐ Afterburner >100 MMBTU/HR
- ☐ Kilns
- ☐ Incinerator
- ☐ Crematorium (A)
- ☐ Flare
- ☐ Charbroiler
- ☐ Deep Fat Fryers

Categorize Emission Source

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

- ☐ Portable I.C. Engines, 2 Stroke-Lean Burn (A)
- ☐ Portable I.C. Engines, 2 Stroke-Lean Burn, with Catalyst (A)
- ☐ Portable I.C. Engines, 4 Stroke-Lean Burn (A)
- ☐ Portable I.C. Engines, 4 Stroke-Lean Burn, with Catalyst (A)
- ☐ Portable I.C. Engines, 4 Stroke-Rich Burn (A)
- ☐ Portable I.C. Engines, 4 Stroke-Rich Burn, with Catalyst (A)
- ☐ Stationary I.C. Engines, 2 Stroke-Lean Burn (A)
- ☐ Stationary I.C. Engines, 2 Stroke-Lean Burn, with Catalyst (A)
- ☐ Stationary I.C. Engines, 4 Stroke-Lean Burn (A)
- ☐ Stationary I.C. Engines, 4 Stroke-Lean Burn, with Catalyst (A)
- ☐ Stationary I.C. Engines, 4 Stroke-Rich Burn (A)
- ☐ Stationary I.C. Engines, 4 Stroke-Rich Burn, with Catalyst (A)
- ☐ Turbines
- ☐ Engine Test Cells
- ☐ Micro Turbine

Categorize Emission Source

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

- ☐ Storage Tank and Dispensing (A)
- ☐ Underground Small storage tank - <10,000 gallons
- ☐ Above Ground Small storage tank - <10,000 gallons
- ☐ Storage tank – Will upload file with estimated emissions

Categorize Emission Source

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

⚠ **The only Other Processes categories eligible for Abbreviated Reporting are agricultural/livestock and crematory operations (A)**

- ☐ Other process equipment

ABBREVIATED REPORTING (QUALIFIED ACTIVITIES – ADDITIONAL REQUIREMENTS FOR I.C. ENGINES)

Categorize Emission Source

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

- ☐ Portable I.C. Engines, 2 Stroke-Lean Burn (A)
- ☐ Portable I.C. Engines, 2 Stroke-Lean Burn, with Catalyst (A)
- ☐ Portable I.C. Engines, 4 Stroke-Lean Burn (A)
- ☐ Portable I.C. Engines, 4 Stroke-Lean Burn, with Catalyst (A)
- ☐ Portable I.C. Engines, 4 Stroke-Rich Burn (A)
- ☐ Portable I.C. Engines, 4 Stroke-Rich Burn, with Catalyst (A)
- ☐ Stationary I.C. Engines, 2 Stroke-Lean Burn (A)
- ☐ Stationary I.C. Engines, 2 Stroke-Lean Burn, with Catalyst (A)
- ☐ Stationary I.C. Engines, 4 Stroke-Lean Burn (A)
- ☐ Stationary I.C. Engines, 4 Stroke-Lean Burn, with Catalyst (A)
- ☐ Stationary I.C. Engines, 4 Stroke-Rich Burn (A)
- ☐ Stationary I.C. Engines, 4 Stroke-Rich Burn, with Catalyst (A)
- ☐ Turbines
- ☐ Engine Test Cells
- ☐ Micro Turbine

Work In Progress · Facility ID: 999003 · SOUTH COAST AIR QUALITY MGT DIST(SCAQMD) · **Reporting period: 2022**

Facility ID: 999003

- Abbreviated Reporting
- 1. Facility Information
- 2. Status Update
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- 4. Emission Sources (ES)
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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

Abbreviated Reporting

Starting in Reporting Year 2022 some facilities can qualify for Abbreviated Reporting
Your eligibility to file Abbreviated Report depends in part on the types of Emission Sources used at your Facility.
Click here to find out more details about Abbreviated Reporting and its possible benefits.

Permitted	☐
A/N	
PERP Equipment(CARB's Portable Equipment Registration Program)	**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	ES2
ES Name	ICE *
Operating ES Status	Normal Operation *
Comment	
Emission Source Category	Internal Combustion Categorize Emission Source *
Equipment	Portable I.C. Engines, 4 Stroke-Lean Burn, with Catalyst
Emergency Generator	☐
Emergency Fire Suppression or Fire Water Pumps	☐
Other Permitted Emergency Engines	☐
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

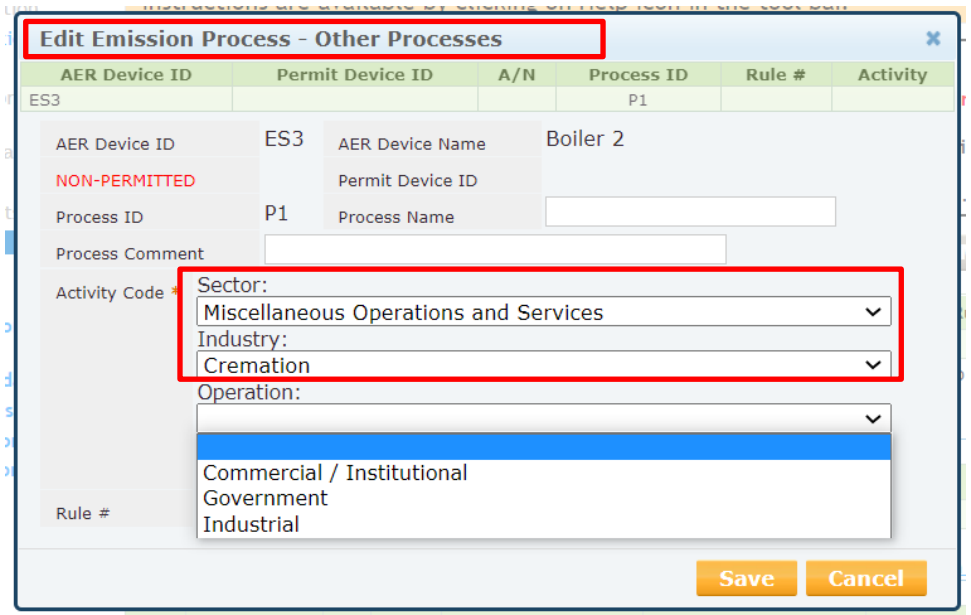
Optional: Save and Mark as Completed Click here to delete this emission source and associated data.

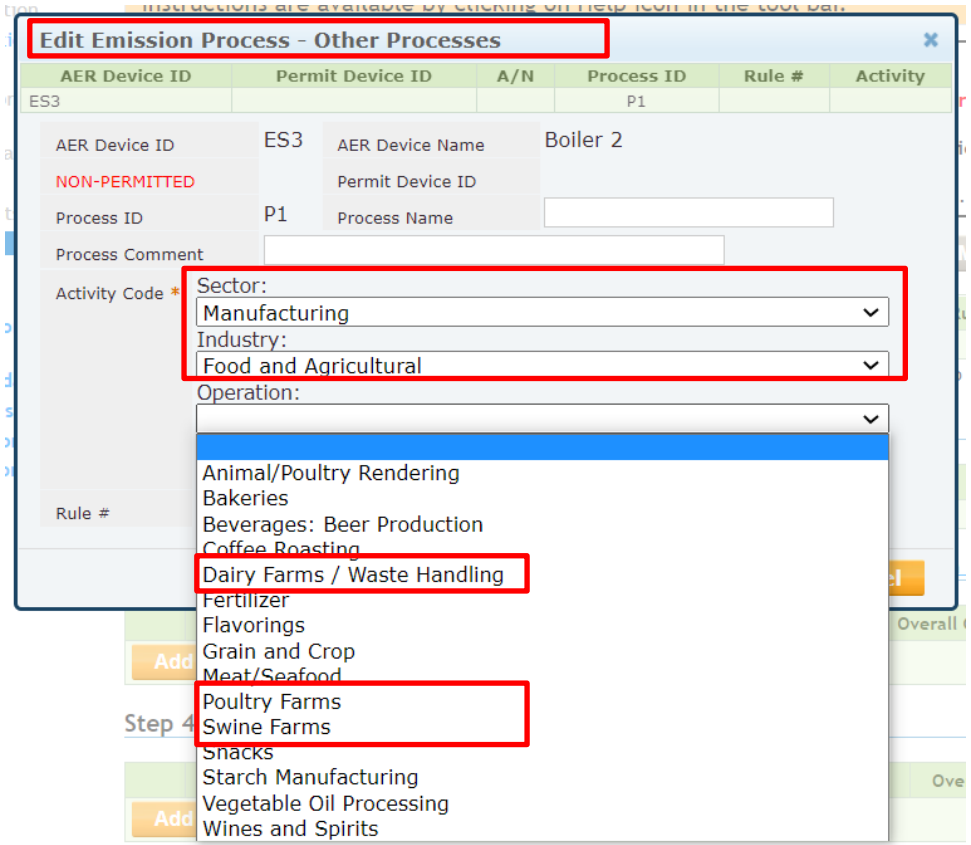
ABBREVIATED REPORTING (QUALIFIED ACTIVITIES – ADDITIONAL REQUIREMENTS FOR OTHER PROCESSES CATEGORIES)

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

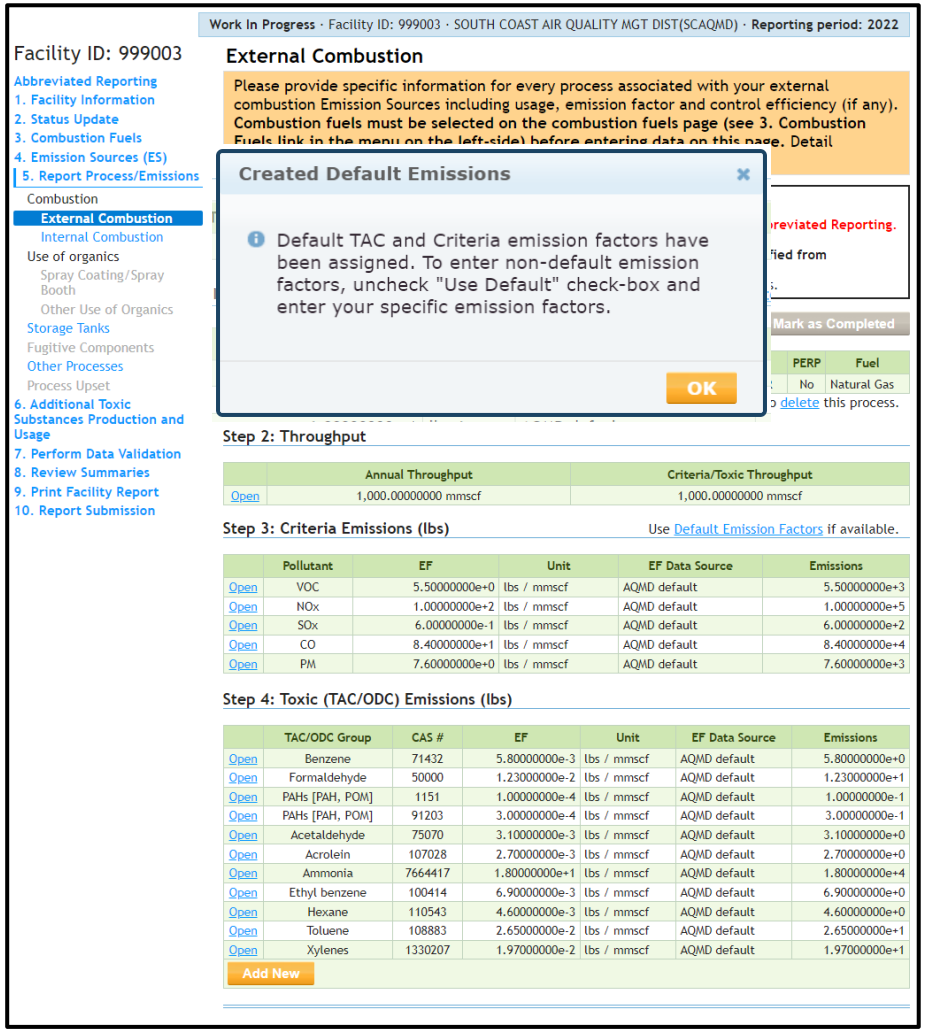
The only Other Processes categories eligible for Abbreviated Reporting are agricultural/livestock and crematory operations A

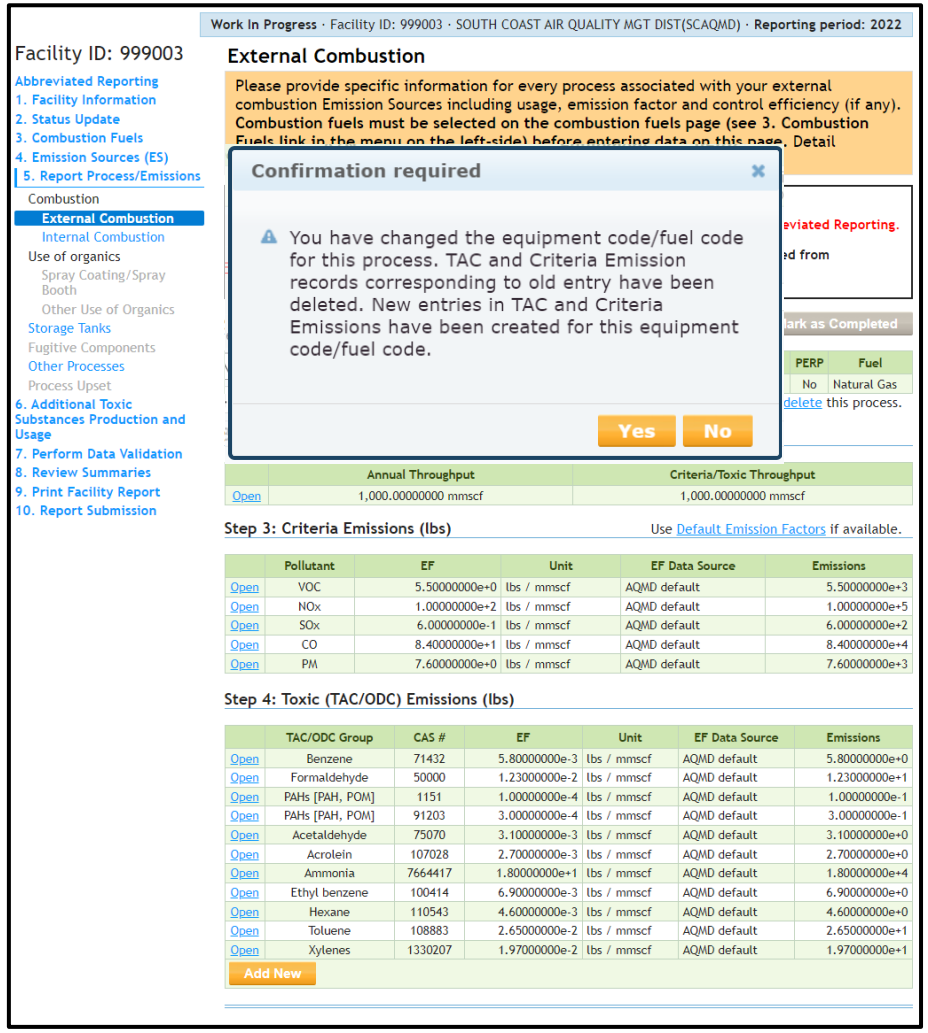
☐ Other process equipment





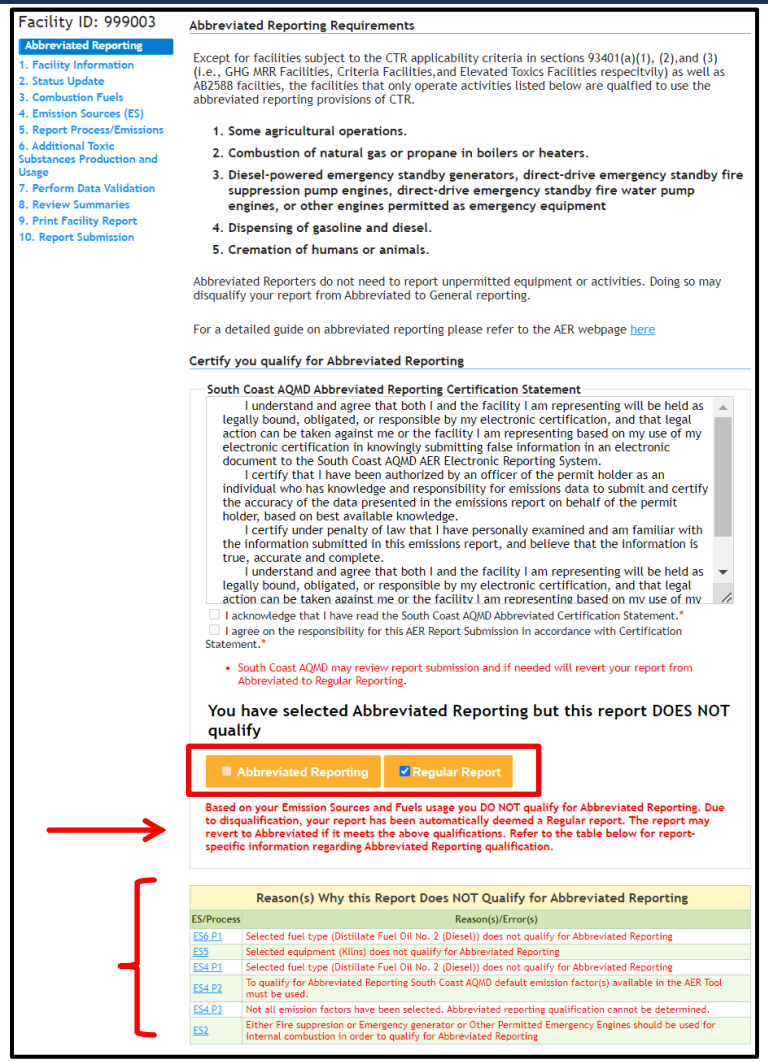
ABBREVIATED REPORTING (AUTO POPULATED EMISSION FACTORS)





ABBREVIATED REPORTING (DISQUALIFICATION)

- Deviation from qualifying activities and default emission factors automatically disqualifies the report from abbreviated reporting provisions
- AER tool provides a table summarizing all the disqualifying factors



Facility ID: 999003

Abbreviated Reporting
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Abbreviated Reporting Requirements

Except for facilities subject to the CTR applicability criteria in sections 93401(a)(1), (2),and (3) (i.e., GHG MRR Facilities, Criteria Facilities,and Elevated Toxics Facilities respectvily) as well as AB2588 facilties, the facilities that only operate activities listed below are qualfied to use the abbreviated reporting provisions of CTR.

1. **Some agricultural operations.**
2. **Combustion of natural gas or propane in boilers or heaters.**
3. **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**
4. **Dispensing of gasoline and diesel.**
5. **Cremation of humans or animals.**

Abbreviated Reporters do not need to report unpermitted equipment or activities. Doing so may disqualify your report from Abbreviated to General reporting.

For a detailed guide on abbreviated reporting please refer to the AER webpage here

Certify you qualify for Abbreviated Reporting

South Coast AQMD Abbreviated Reporting Certification Statement

I understand and agree that both I and the facility I am representing will be held as legally bound, obligated, or responsible by my electronic certification, and that legal action can be taken against me or the facility I am representing based on my use of my electronic certification in knowingly submitting false information in an electronic document to the South Coast AQMD AER Electronic Reporting System.

I certify that I have been authorized by an officer of the permit holder as an individual who has knowledge and responsibility for emissions data to submit and certify the accuracy of the data presented in the emissions report on behalf of the permit holder, based on best available knowledge.

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this emissions report, and believe that the information is true, accurate and complete.

I understand and agree that both I and the facility I am representing will be held as legally bound, obligated, or responsible by my electronic certification, and that legal action can be taken against me or the facility I am representing based on my use of my

I acknowledge that I have read the South Coast AQMD Abbreviated Certification Statement.*

I agree on the responsibility for this AER Report Submission in accordance with Certification Statement.*

- South Coast AQMD may review report submission and if needed will revert your report from Abbreviated to Regular Reporting.

You have selected Abbreviated Reporting but this report DOES NOT qualify

Abbreviated Reporting | Regular Report

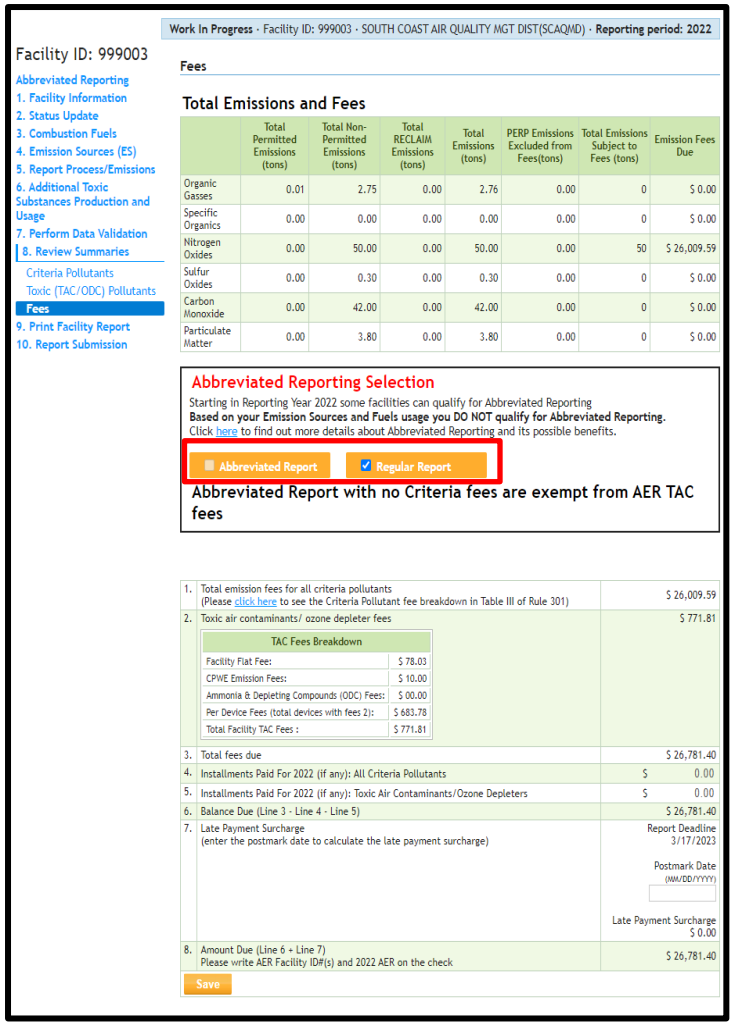
Based on your Emission Sources and Fuels usage you DO NOT qualify for Abbreviated Reporting. Due to disqualification, your report has been automatically deemed a Regular report. The report may revert to Abbreviated if it meets the above qualifications. Refer to the table below for report-specific information regarding Abbreviated Reporting qualification.

Reason(s) Why this Report Does NOT Qualify for Abbreviated Reporting

ES/Process	Reason(s)/Error(s)
ES6 P1	Selected fuel type (Distillate Fuel Oil No. 2 (Diesel)) does not qualify for Abbreviated Reporting
ES5	Selected equipment (Kilns) does not qualify for Abbreviated Reporting
ES4 P1	Selected fuel type (Distillate Fuel Oil No. 2 (Diesel)) does not qualify for Abbreviated Reporting
ES4 P2	To qualify for Abbreviated Reporting South Coast AQMD default emission factor(s) available in the AER Tool must be used.
ES4 P3	Not all emission factors have been selected. Abbreviated reporting qualification cannot be determined.
ES2	Either Fire suppresion or Emergency generator or Other Permitted Emergency Engines should be used for internal combustion in order to qualify for Abbreviated Reporting

ABBREVIATED REPORTING (REPORTING TYPE SELECTION)

- Report type selection option is also available in the Fee Summary and Report Submission pages of the tool



Work In Progress · Facility ID: 999003 · SOUTH COAST AIR QUALITY MGT DIST(SCAQMD) · Reporting period: 2022

Facility ID: 999003

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
Criteria Pollutants
Toxic (TAC/ODC) Pollutants
Fees
9. Print Facility Report
10. Report Submission

Fees

Total Emissions and Fees

	Total Permitted Emissions (tons)	Total Non-Permitted Emissions (tons)	Total RECLAIM Emissions (tons)	Total Emissions (tons)	PERP Emissions Excluded from Fees(tons)	Total Emissions Subject to Fees (tons)	Emission Fees Due
Organic Gasses	0.01	2.75	0.00	2.76	0.00	0	$ 0.00
Specific Organics	0.00	0.00	0.00	0.00	0.00	0	$ 0.00
Nitrogen Oxides	0.00	50.00	0.00	50.00	0.00	50	$ 26,009.59
Sulfur Oxides	0.00	0.30	0.00	0.30	0.00	0	$ 0.00
Carbon Monoxide	0.00	42.00	0.00	42.00	0.00	0	$ 0.00
Particulate Matter	0.00	3.80	0.00	3.80	0.00	0	$ 0.00

Abbreviated Reporting Selection

Starting in Reporting Year 2022 some facilities can qualify for Abbreviated Reporting
Based on your Emission Sources and Fuels usage you DO NOT qualify for Abbreviated Reporting.
Click here to find out more details about Abbreviated Reporting and its possible benefits.

Abbreviated Report | Regular Report

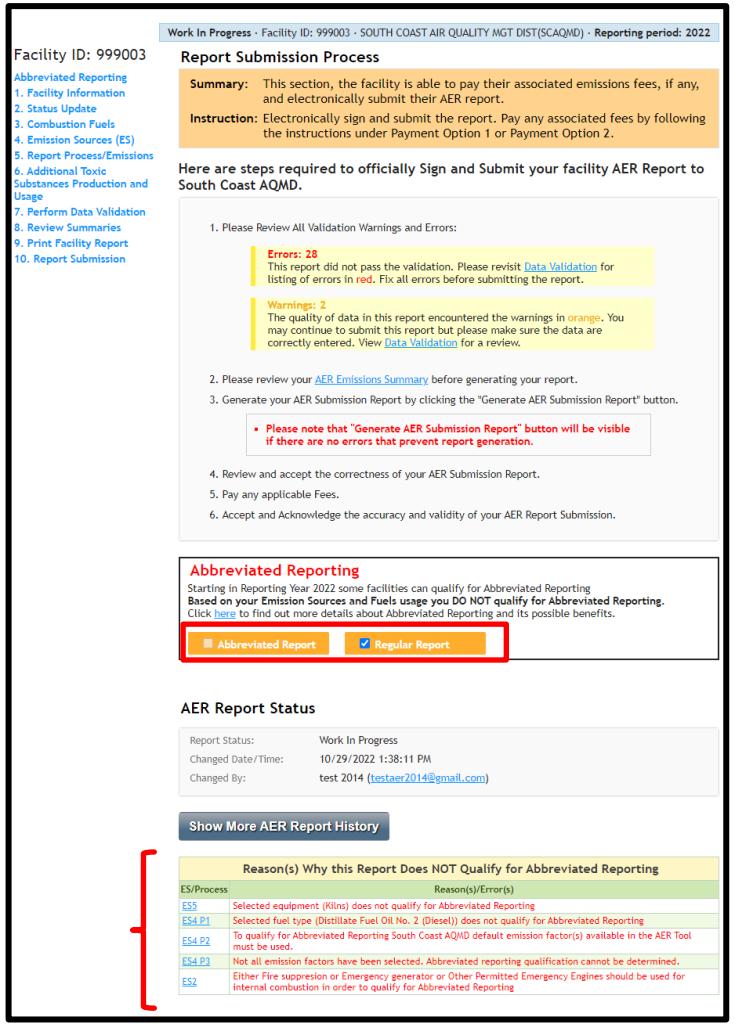
Abbreviated Report with no Criteria fees are exempt from AER TAC fees

1.	Total emission fees for all criteria pollutants (Please click here to see the Criteria Pollutant fee breakdown in Table III of Rule 301)	$ 26,009.59
2.	Toxic air contaminants/ ozone depleter fees	$ 771.81
3.	Total fees due	$ 26,781.40
4.	Installments Paid For 2022 (if any): All Criteria Pollutants	$ 0.00
5.	Installments Paid For 2022 (if any): Toxic Air Contaminants/Ozone Depleters	$ 0.00
6.	Balance Due (Line 3 - Line 4 - Line 5)	$ 26,781.40
7.	Late Payment Surcharge (enter the postmark date to calculate the late payment surcharge)	Report Deadline 3/17/2023; Postmark Date (MM/DD/YYYY); Late Payment Surcharge $ 0.00
8.	Amount Due (Line 6 + Line 7) Please write AER Facility ID#(s) and 2022 AER on the check	$ 26,781.40

TAC Fees Breakdown

Facility Flat Fee:	$ 78.03
CPWE Emission Fees:	$ 10.00
Ammonia & Depleting Compounds (ODC) Fees:	$ 00.00
Per Device Fees (total devices with fees 2):	$ 683.78
Total Facility TAC Fees :	$ 771.81

Save



Work In Progress · Facility ID: 999003 · SOUTH COAST AIR QUALITY MGT DIST(SCAQMD) · Reporting period: 2022

Facility ID: 999003

Abbreviated Reporting
1. Facility Information
2. Status Update
3. Combustion Fuels
4. Emission Sources (ES)
5. Report Process/Emissions
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7. Perform Data Validation
8. Review Summaries
9. Print Facility Report
10. Report Submission

Report Submission Process

Summary: This section, the facility is able to pay their associated emissions fees, if any, and electronically submit their AER report.

Instruction: Electronically sign and submit the report. Pay any associated fees by following the instructions under Payment Option 1 or Payment Option 2.

Here are steps required to officially Sign and Submit your facility AER Report to South Coast AQMD.

1. Please Review All Validation Warnings and Errors:

Errors: 28
This report did not pass the validation. Please revisit Data Validation for listing of errors in red. Fix all errors before submitting the report.

Warnings: 2
The quality of data in this report encountered the warnings in orange. You may continue to submit this report but please make sure the data are correctly entered. View Data Validation for a review.

2. Please review your AER Emissions Summary before generating your report.
3. Generate your AER Submission Report by clicking the "Generate AER Submission Report" button.

- Please note that "Generate AER Submission Report" button will be visible if there are no errors that prevent report generation.

4. Review and accept the correctness of your AER Submission Report.
5. Pay any applicable Fees.
6. Accept and Acknowledge the accuracy and validity of your AER Report Submission.

Abbreviated Reporting

Starting in Reporting Year 2022 some facilities can qualify for Abbreviated Reporting
Based on your Emission Sources and Fuels usage you DO NOT qualify for Abbreviated Reporting.
Click here to find out more details about Abbreviated Reporting and its possible benefits.

Abbreviated Report | Regular Report

AER Report Status

Report Status:	Work In Progress
Changed Date/Time:	10/29/2022 1:38:11 PM
Changed By:	test 2014 (testaer2014@gmail.com)

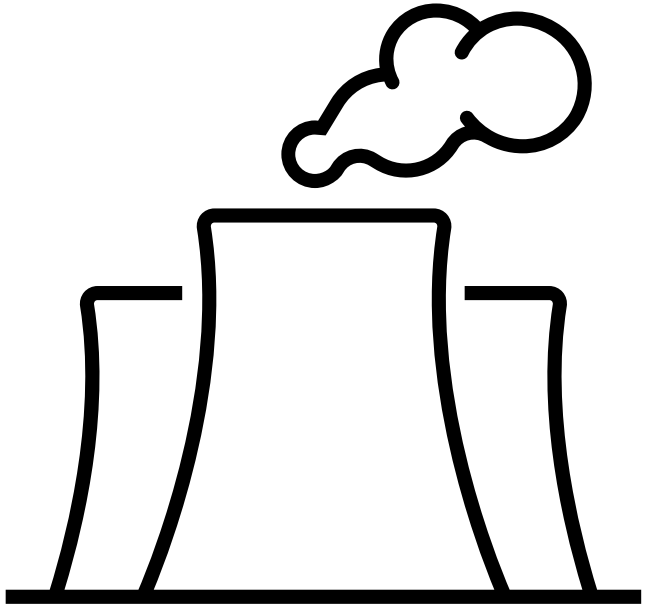
Show More AER Report History

Reason(s) Why this Report Does NOT Qualify for Abbreviated Reporting

ES/Process	Reason(s)/Error(s)
ES5	Selected equipment (Kilns) does not qualify for Abbreviated Reporting
ES4 P1	Selected fuel type (Distillate Fuel Oil No. 2 (Diesel)) does not qualify for Abbreviated Reporting
ES4 P2	To qualify for Abbreviated Reporting South Coast AQMD default emission factor(s) available in the AER Tool must be used.
ES4 P3	Not all emission factors have been selected. Abbreviated reporting qualification cannot be determined.
ES2	Either Fire suppresion or Emergency generator or Other Permitted Emergency Engines should be used for internal combustion in order to qualify for Abbreviated Reporting

QUESTIONS & ANSWERS

RELEASE LOCATION (APPLIES TO CORE CTR FACILITIES ONLY)



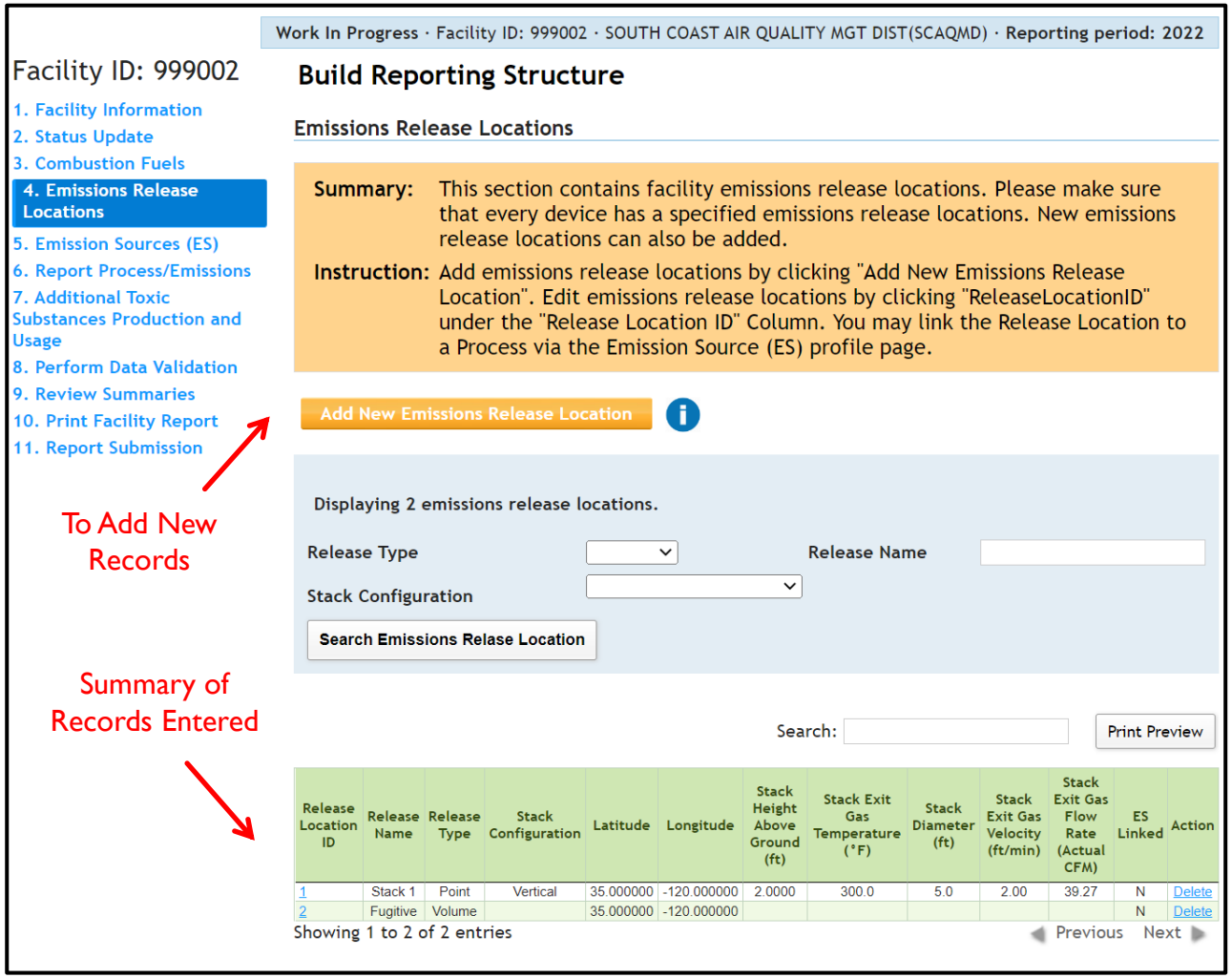
- Point Type
  - Name, Coordinates, Configuration (e.g., vertical, horizontal, etc.), Stack Height, Diameter, Exit Gas Temperature, Velocity and Flowrates
- Volume Type
  - Names and Coordinates
- Linking Release Location to Defined Process

RELEASE LOCATION (FOR CORE CTR FACILITIES ONLY)

- Release Location Page:
  - Allows adding new point or volume release location by pressing:

Add New Emissions Release Location

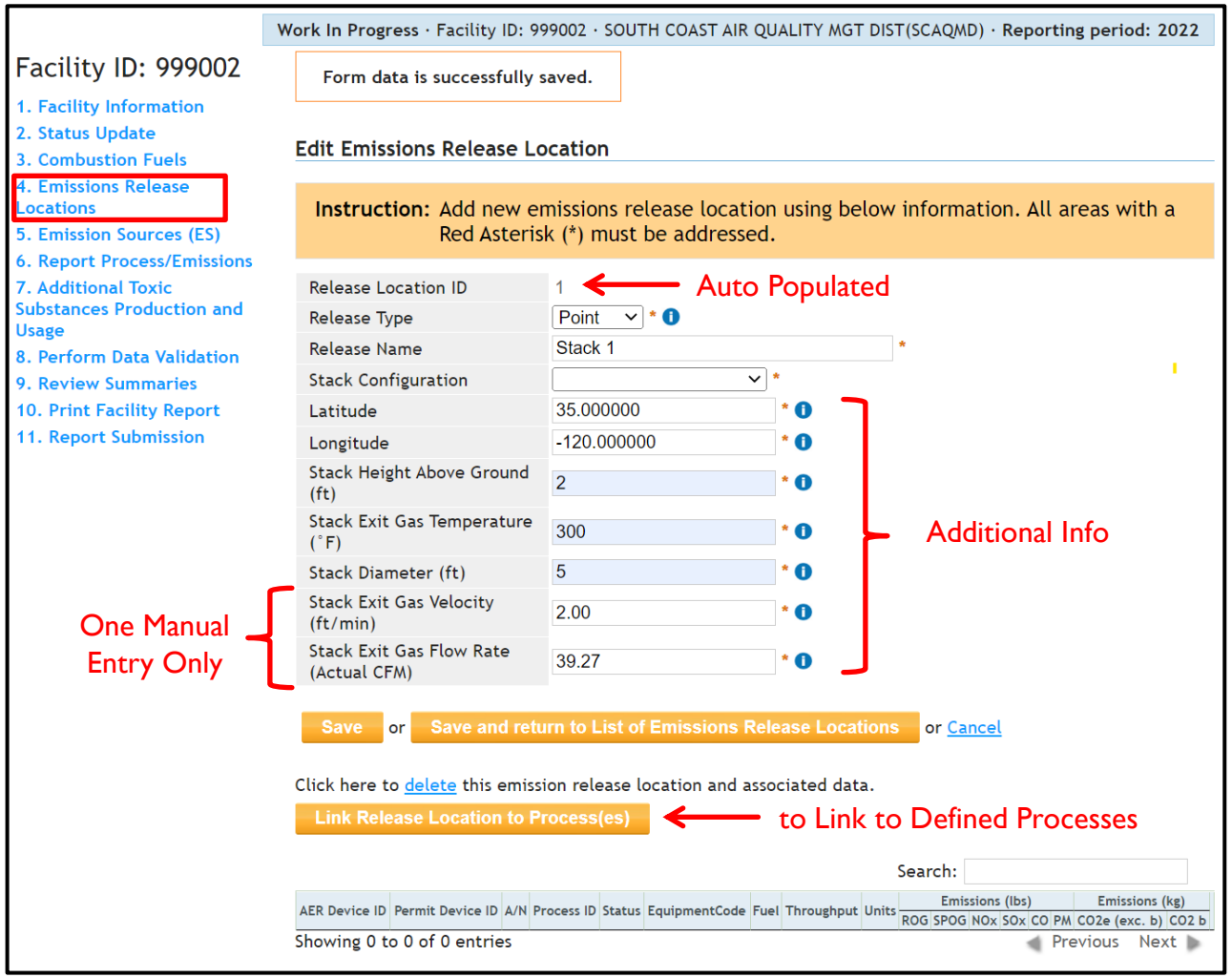
  - Provides summary table of the user-defined release locations in the tool.



RELEASE LOCATION (FOR CORE CTR FACILITIES ONLY)

- Adding Point Release Type
  - Auto-populates release location ID
  - Provides list of options for stack configuration (e.g., vertical, horizontal, etc.)
  - Collects CTR required information (marked with *)
  - Allows linking to user-defined emission processes by pressing:

Link Release Location to Process(es)

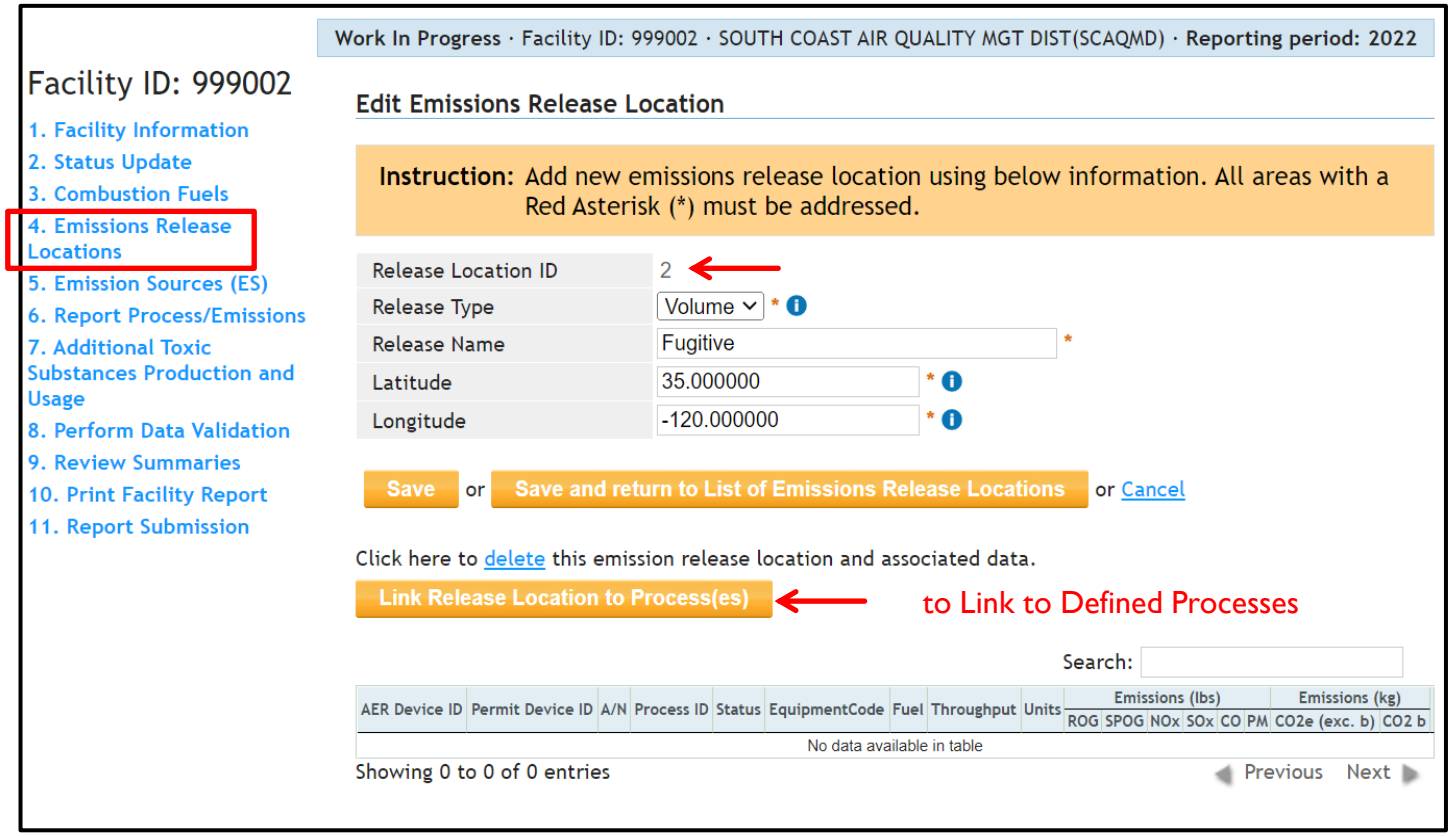


RELEASE LOCATION (FOR CORE CTR FACILITIES ONLY)

- Adding Volume Release Type
  - Auto-populates release location ID
  - Collects CTR required information(marked with *)
  - Allows linking to user-defined emission processes by pressing:

Link Release Location to Process(es)

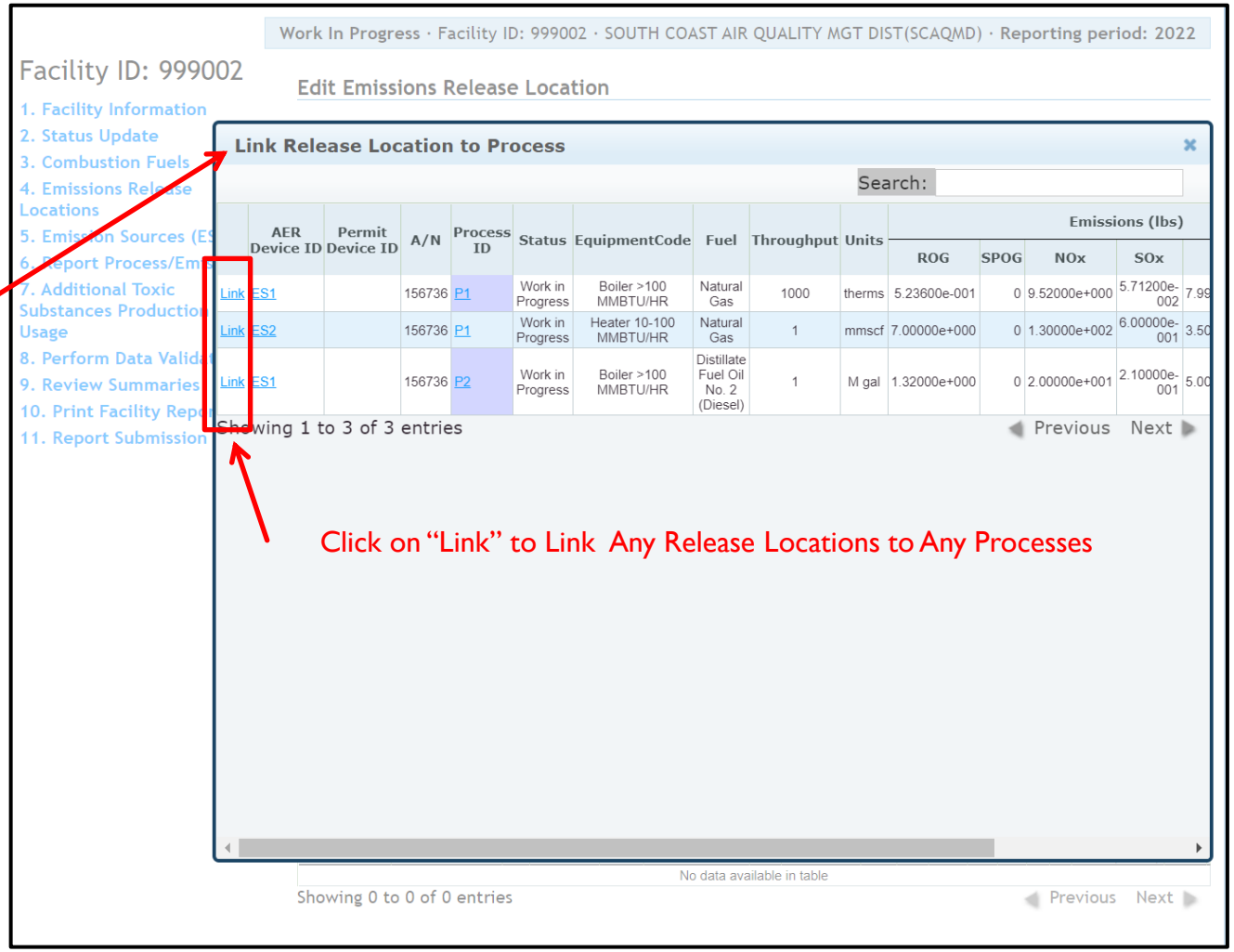
  - Used for fugitive and portable equipment



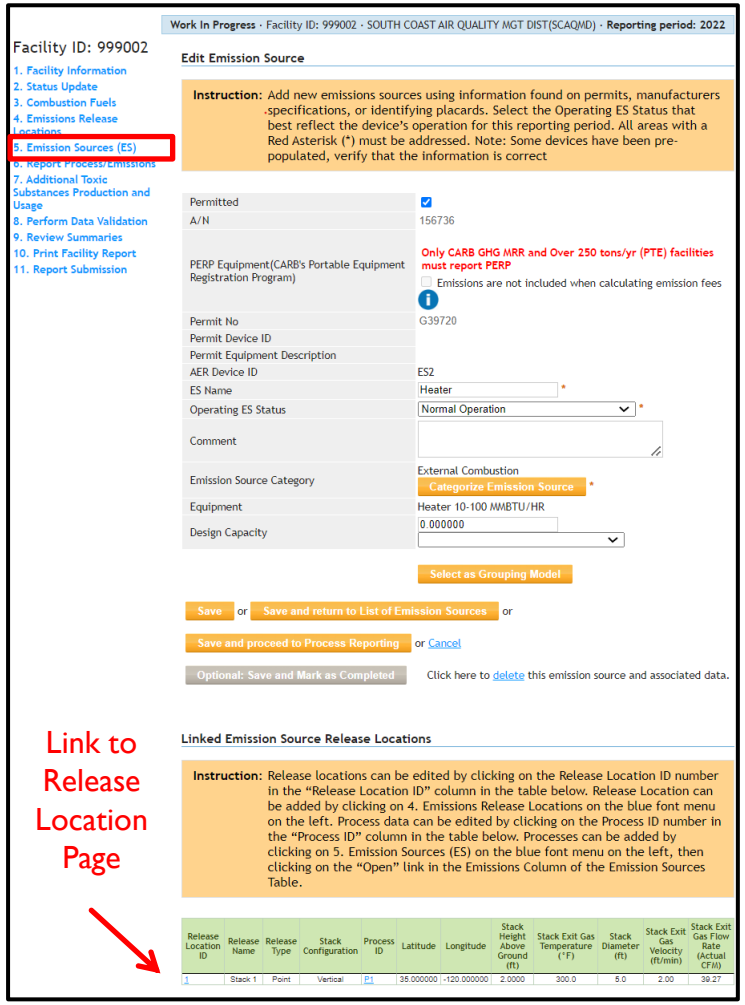
RELEASE LOCATION (FOR CORE CTR FACILITIES ONLY)

- Linking Release Location
  - Provides list of all the user-defined processes in the tool to select from

Link Release Location to Process(es)



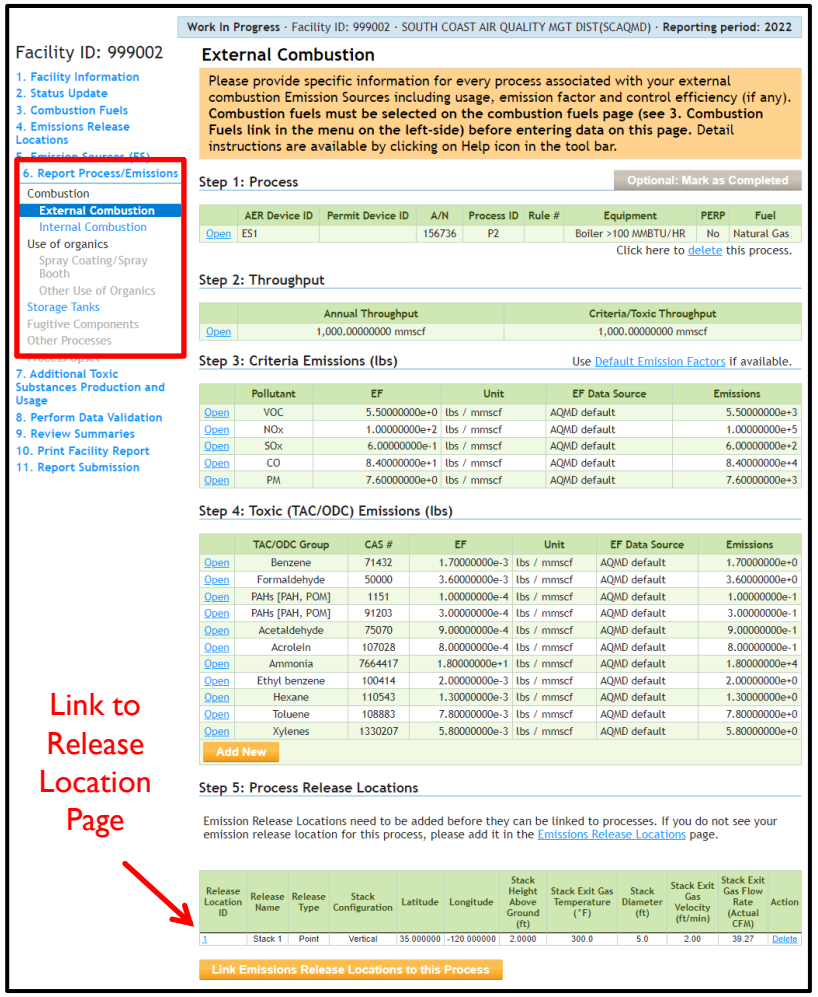
RELEASE LOCATION (FOR CORE CTR FACILITIES ONLY)



Link to Release Location Page

- Release location information also is summarized in:
  - Emission Source Profile Page
  - Process Emission Page

Release Location Summary Tables



Link to Release Location Page

QUESTIONS & ANSWERS

CTR LIST OF TOXIC SUBSTANCES

- List of TACs for DY2022
  - Appendix A-I of the Emission Inventory Criteria and Guidelines for the Air Toxics "Hot Spots" Program, version effective September 26, 2007, as issued by CARB (~440 TACs)
  - CTR Regulation Table B-2 (~300 TAC)
- CTR allows reporting of usage or production in lieu of emissions for Table B-2 substances when reasonable and technically justified estimate of airborne emissions is not possible using the best available data and methods

REPORTING USAGE OR PRODUCTION FOR CTR TABLE B-2 TACS

- Allows reporting of usage or production at the facility-level for CTR Table B-2 TACs by pressing:

Add Additional Toxic Substances Production and Usage

- Provides a summary of previously entered records and allow deleting or editing of them
- Only allow one entry for identical combination of CAS Number and Usage Unit (i.e., annual usages need to be aggregated)

Summary Table of Records Entered →

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

Form data is successfully saved.

Additional Toxic Substances Production and Usage

Summary: This section contains Additional Toxic Substances Production and Usage.

Instruction: Add Additional Toxic Substances Production and Usage by clicking "Add Additional Toxic Substances Production and Usage" button. Edit "Additional Toxic Substances Production and Usage" by clicking "Edit" hyperlink.

Annual Usage and Production of Additional Toxic Substances

CTR requires that if, during the data year, any additional toxic substances identified and required to be reported in Appendix B of CTR is present, used, or produced at a facility in a way that may result in airborne emissions, "best available data and methods" as defined by CTR must be used to quantify emissions.

If no "best available data and methods" exists to provide a reasonable emissions estimate, then the toxic substance and the amount used or produced at the facility during the data year must be reported instead of an emission value. Purchase records, substance inventory reconciliation, direct measurement, or other methods may be used to estimate amounts used or produced.

If a portion of the emissions associated to these additional toxic substances could be reasonably quantified using "best available data and methods," that portion still needs to be reported as emissions associated with a device or process. This page should only be used to capture the usage or production associated with the portion that could not be reasonably quantified.

These additional toxic substances usage or production captured in this section of report are not subject to fees.

Click here to go to Toxic Pollutants page

to Add a New Record →

Add Additional Toxic Substances Production and Usage

List of Additional Toxic Substances Production and Usage

Search:

TAC Code	TAC Name	Annual Usage	Usage Unit	CAS Number	Source/Process		
192	Lead compounds (other than inorganic)	2.000000	lb	78002		Edit	Delete
311	Urea-formaldehyde {UF}	2.000000	lb	9011056		Edit	Delete

Showing 1 to 2 of 2 entries

Previous Next

REPORTING USAGE OR PRODUCTION FOR CTR TABLE B-2 TACS

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

Form data is successfully saved.

Additional Toxic Substances Production and Usage

Summary: This section contains Additional Toxic Substances Production and Usage.

Instruction: Add Additional Toxic Substances Production and Usage by clicking "Add Additional Toxic Substances Production and Usage" button. Edit "Additional Toxic Substances Production and Usage" by clicking "Edit" hyperlink.

Annual Usage and Production of Additional Toxic Substances

CTR requires that if, during the data year, any additional toxic substances identified and required to be reported in Appendix B of CTR is present, used, or produced at a facility in a way that may result in airborne emissions, "best available data and methods" as defined by CTR must be used to quantify emissions.

If no "best available data and methods" exists to provide a reasonable emissions estimate, then the toxic substance and the amount used or produced at the facility during the data year must be reported instead of an emission value. Purchase records, substance inventory reconciliation, direct measurement, or other methods may be used to estimate amounts used or produced.

If a portion of the emissions associated to these additional toxic substances could be reasonably quantified using "best available data and methods," that portion still needs to be reported as emissions associated with a device or process. This page should only be used to capture the usage or production associated with the portion that could not be reasonably quantified.

These additional toxic substances usage or production captured in this section of report are not subject to fees.

Click here to go to Toxic Pollutants page

TAC Pollutant	192 - Lead compounds (other than inorganic) *
	78002 - Tetraethyllead *
Annual Usage	2 *
Usage Unit	lb *
Comments	Explain why emissions could not be reasonably quanitified and reported as emissions associated with a device or process. No test data or emission factor is available *
Reported Partially as Emissions	☐ A portion of this substance emissions was reasonably quantified and reported in the emission section of the report.

Save or Cancel

List of Additional Toxic Substances Production and Usage

Search:

TAC Code	TAC Name	Annual Usage	Usage Unit	CAS Number	Source/Process		
192	Lead compounds (other than inorganic)	2.000000	lb	78002		Edit	Delete
311	Urea-formaldehyde (UF)	2.000000	lb	9011056		Edit	Delete

Showing 1 to 2 of 2 entries Previous Next

TAC Pollutant	192 - Lead compounds (other than inorganic) *
	78002 - Tetraethyllead *
Annual Usage	
Usage Unit	78002 - Tetraethyllead
	75741 - Tetramethyllead

Checkbox activates these additional fields

Comments	Explain why emissions could not be reasonably quanitified and reported as emissions associated with a device or process. No testing was performed *
Reported Partially as Emissions	☑ A portion of this substance emissions was reasonably quantified and reported in the emission section of the report.
Emission Source	List the AER Device IDs (ES#) and Process Numbers under which a portion of emissions was reported. Separate multiple entries by commas. Example: ES12-P1, ES12-P2 *
Comments	Please explain why only some (and not all) of the emissions could be quantified and reported as emissions associated with a device or process. *

Save or Cancel

List of Additional Toxic Substances Production and Usage

Search:

TAC Code	TAC Name	Annual Usage	Usage Unit	CAS Number	Source/Process		
192	Lead compounds (other than inorganic)	2.000000	MM gal	78002		Edit	Delete
192	Lead compounds (other than inorganic)	2.000000	lb	78002		Edit	Delete
311	Urea-formaldehyde (UF)	2.000000	lb	9011056		Edit	Delete

Showing 1 to 3 of 3 entries Previous Next

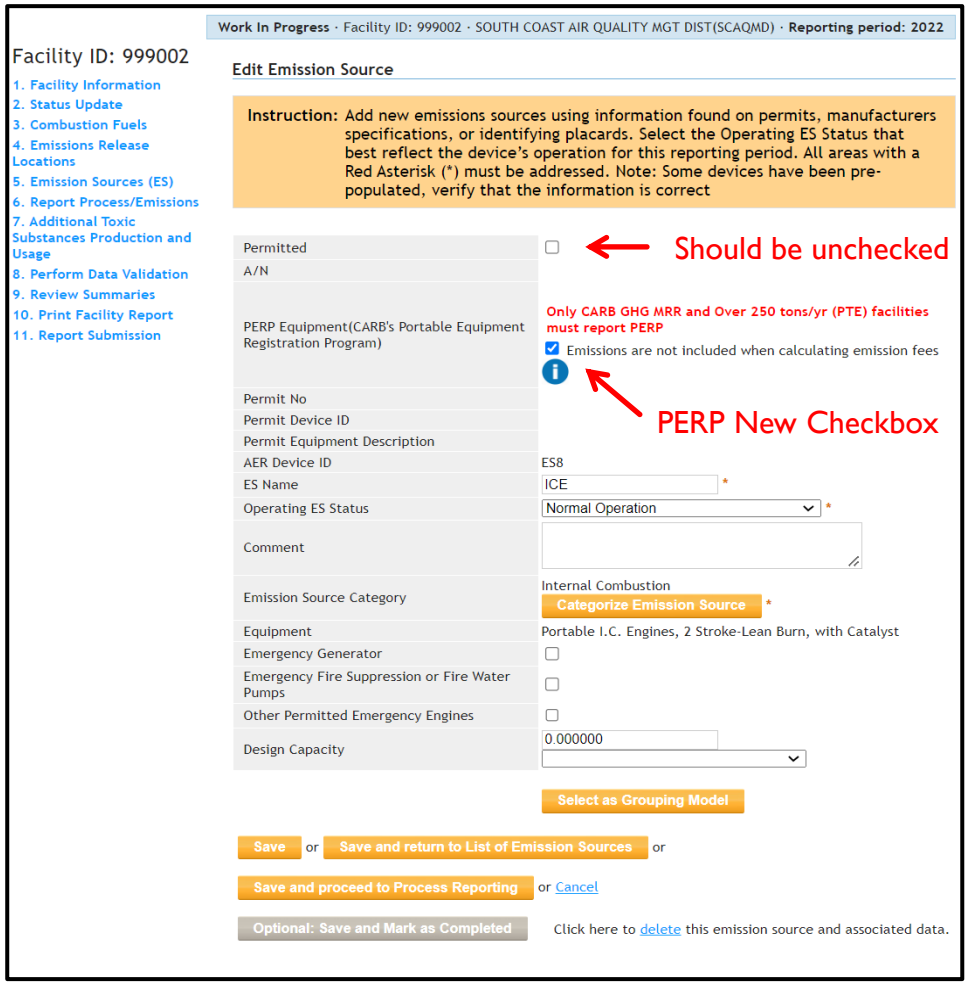
QUESTIONS & ANSWERS

PORTABLE EMISSION SOURCES

- AER requires emissions reporting for permitted and unpermitted portable emission sources except for equipment registered under CARB's Portable Equipment Registration Program (PERP)
- CTR requires reporting for all portable diesel engines and devices ≥50 max bhp (including PERP) at Greenhouse Gas and Criteria Facilities
  - Need to be reported under the facility (where it was operated)
  - AER fees will not be applied to PERP
  - CARB allows aggregation of portable sources to estimate emissions for CTR
    - Reporters can aggregate portable equipment **NOT** owned by the facility (contractors' equipment)
    - Emissions from permitted equipment owned by facilities must be reported per device

PERP REPORTING FEATURE STARTING WITH DY2022

- New PERP Checkbox Available in Emission Source Profile for **Unpermitted Emission Sources**
- Required for CTR Criteria and GHG facilities only
- Allowed for Following Emission Source Categories:
  - External Combustion
  - Internal Combustion (Except Stationary ICE)
  - Other Process Equipment
- Emission/Fee Summary Pages Updated to Show PERP Emissions Separately



PERP REPORTING FEATURE STARTING IN DY2022

- Emission/Fee Summary Pages Updates to Show PERP Emissions Separately

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
   - Criteria Pollutants
   - Toxic (TAC/ODC) Pollutants
   - Fees
10. Print Facility Report
11. Report Submission

Fees

Total Emissions and Fees

	Total Permitted Emissions (tons)	Total Non-Permitted Emissions (tons)	Total RECLAIM Emissions (tons)	Total Emissions (tons)	PERP Emissions Excluded from Fees(tons)	Total Emissions Subject to Fees (tons)	Emission Fees Due
Organic Gasses	0.83	0.00	0.00	1.02	0.19	0	$ 0.00
Specific Organics	0.00	0.00	0.00	0.00	0.00	0	$ 0.00
Nitrogen Oxides	15.08	0.00	0.00	17.43	2.35	15	$ 5,057.64
Sulfur Oxides	0.09	0.00	0.00	0.09	0.00	0	$ 0.00
Carbon Monoxide	12.62	0.00	0.00	13.13	0.51	0	$ 0.00
Particulate Matter	1.14	0.00	0.00	1.31	0.17	0	$ 0.00

1.	Total emission fees for all criteria pollutants (Please click here to see the Criteria Pollutant fee breakdown in Table III of Rule 301)	$ 5,057.64
2.	Toxic air contaminants/ ozone depleter fees	$ 70.00
3.	Total fees due	$ 5,127.64
4.	Installments Paid For 2022 (if any): All Criteria Pollutants	$ 0.00
5.	Installments Paid For 2022 (if any): Toxic Air Contaminants/Ozone Depleters	$ 0.00
6.	Balance Due (Line 3 - Line 4 - Line 5)	$ 5,127.64
7.	Late Payment Surcharge (enter the postmark date to calculate the late payment surcharge)	Report Deadline 5/01/2023; Postmark Date (MM/DD/YYYY); Late Payment Surcharge $ 0.00
8.	Amount Due (Line 6 + Line 7) Please write AER Facility ID#(s) and 2022 AER on the check	$ 5,127.64

TAC Fees Breakdown	
Facility Flat Fee:	$ 00.00
CPWE Emission Fees:	$ 70.00
Ammonia & Depleting Compounds (ODC) Fees:	$ 00.00
Per Device Fees (total devices with fees 0):	$ 00.00
Total Facility TAC Fees :	$ 70.00

Save

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

Facility ID: 999002

1. Facility Information
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   - Criteria Pollutants
   - Toxic (TAC/ODC) Pollutants
   - Fees
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TAC/ODC Pollutants Summary

AER Toxic Fees Breakdown:

1.	Base Toxic Fee: See Table 1	$0.00 - Show Facility Flat Fee Info
2.	CPWE Emission Fees: See Table 2	$0.00
3.	Ammonia & Ozone Depleting Compounds (ODC) Fees: See Table 3	$0.00
4.	Per Device Fees: See Table 4	$0.00 - Show Devices Fee Summary
	Total TAC Fees:	$0.00

As part of AB2688 Reporting please see your Long List TAC Summary Table 5

Table 1 - Facility Base Toxic Fee Hide Table

Sub-Table Under This Link

Facility Base Toxic Fee of $78.03 is applied when:

- Facility is not exempt from TAC Fees
- Any of the TAC Pollutants aggregated Annual Emissions exceed Annual Threshold

Please see the table below for the list of all TAC Pollutant that exceed Pollutants Annual Threshold:

TAC Group	TAC / ODC	CAS #	Annual Theshold	Annual Emissions (lbs)	Emissions Subject to Fee (lbs)	Exceed Threshold	Devices / Processes
14	Arsenic and Compounds (inorganic)	7440382	0.01	0.0032		No	2
1	Asbestos	1332214	0.0001			No	
2	Benzene	71432	2	0.19666184		No	4
3	Beryllium	7440417	0.001			No	
4	Butadiene [1,3]	106990	0.1	0.2322		No	2
5	Cadmium	7440439	0.01	0.003		No	2
6	Carbon tetrachloride	56235	1			No	
13	Chromium, hexavalent (and compounds)	18540299	0.0001	0.0002		No	2
7	Chlorinated dioxins and dibenzofurans		0.000001			No	

	#	DeviceID	Device Type	ProcessID	Exclude as PERP	Emission
Open	1	ES1	External Combustion	P1	No	0.00016184
Open	2	ES1	External Combustion	P2	No	0.00440000
Open	3	ES2	External Combustion	P1	No	0.00580000
Open	4	ES3	Internal Combustion	P1	Yes	0.18630000

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Facility ID: 999002

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4. Emissions Release Locations
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Criteria Pollutants Summary

Permitted Emissions Summary (Excluding PERP)

	VOC (tons)	SPOG (tons)	NOx (tons)	NOx RECLAIM (tons)	SOx (tons)	SOx RECLAIM (tons)	CO (tons)	PM (tons)
External Combustion	0.00		0.08		0.00		0.02	0.01
Internal Combustion								
Spray Coating/ Spray Booth								
Other Use of Organics								
Storage Tanks								
Fugitive Components								
Other Process Emissions								
Shutdown/ Startup/ Turnaround and Upsets								
Total Permitted Emissions	0.00	0.00	0.08	0.00	0.00	0.00	0.02	0.01

Non-Permitted Emissions Summary (Excluding PERP)

	VOC (tons)	SPOG (tons)	NOx (tons)	NOx RECLAIM (tons)	SOx (tons)	SOx RECLAIM (tons)	CO (tons)	PM (tons)
External Combustion								
Internal Combustion								
Spray Coating/ Spray Booth								
Other Use of Organics								
Storage Tanks								
Fugitive Components								
Other Process Emissions								
Shutdown/ Startup/ Turnaround and Upsets								
Total Non-Permitted Emissions	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

PERP (CARB's Portable Equipme 5/01/2023 ogram) Emission Summary

	VOC (tons)	SPOG (tons)	NOx (tons)	NOx RECLAIM (tons)	SOx (tons)	SOx RECLAIM (tons)	CO (tons)	PM (tons)
External Combustion								
Internal Combustion								
Spray Coating/ Spray Booth								
Other Use of Organics								
Storage Tanks								
Fugitive Components								
Other Process Emissions								
Shutdown/ Startup/ Turnaround and Upsets								
Total Emissions	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

SUPPORTING DOCUMENTS IN DEVELOPMENT

- Tutorial Videos
- New Guideline Documents for AER Tool New Features
- Additional Process-Specific Emissions Calculation Guidelines (e.g., crematories)
- Updated AER Help & Support and FAQ Documents
- List of Staff-identified Facilities Subject to Reporting DY2022 (available December 9, 2022)
  - Some facilities not identified since applicability in some cases is based on activity or emissions data unavailable to staff
- Complete AER Requirements and Tool Overview Webinar on January 18, 2023

QUESTIONS & ANSWERS

PROGRAM SUPPORTS

AER Webpage

- http://www.aqmd.gov/aer/aer.html

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