



Emission Inventory

Creating a New Submittal
in AEIR



Outline

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Navigating to AEIR

Air Emissions Inventory Reporting

- Access AEIR from NMED website: env.nm.gov/air-quality/ei-submittal
- Scroll further down page for training materials

env.nm.gov/air-quality/ei-submittal/

Managed Bookmarks

NMED
New Mexico Environment Department

English

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Emission Inventory Submittal

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2025 Emission Inventory

The New Mexico State Environment Department's Air Quality Bureau (the Bureau) is conducting air Emissions Inventory, excluding facilities in Bernalillo County and on Tribal Lands. This inventory applies to all major and non-major sources with air quality construction permits (20.2.72 NMAC or 20.2.74 NMAC) or operating permits (20.2.70 NMAC), including General Construction Permits (GCP) and sources with Notices of Intent (NOI) (20.2.73.200 NMAC) that meet the requirements in 20.2.73.300.C NMAC listed below.

- Any source which emits, or has the potential to emit, 5 tons per year or more of lead or lead compounds, or 100 tons per year or more of PM10, PM2.5, sulfur oxides, nitrogen oxides, carbon monoxide, or volatile organic compounds shall submit an emissions report annually.
- Any source defined as a major source of hazardous air pollutants under 20.2.70 NMAC (Operating Permits) shall submit an emissions report annually.

Actual annual emissions of pollutants in the year 2025 can be reported to the Bureau starting in 2026 and are due by April 1 of 2026. Actual emissions are required to be submitted using the reporting tool, AEIR, provided by the Bureau. The Emission Inventory information can be found in the [2025 Emission Inventory Frequently Asked Questions \(FAQ\)](#).

[Interactive Training](#)

Air Quality contacts
Find a list of Air Quality contacts below:
[Air Quality contacts](#)
Ph: 505-476-4300

[Register for email updates hosted for us by GovDelivery.](#)
The registration process will ask for your email address, then take you through your subscription options for various topics as well as setting individual subscriber preferences.

Go to AEIR

Sign up for emails from NMED



Secure Extranet Portal (SEP)

The screenshot shows the login page for the New Mexico Environment Department's Secure Extranet Portal (SEP). The header includes the department's logo and name, and the title "Secure Extranet Portal (SEP)". A "Register" button is highlighted with a red circle. Below the header, a message states: "Please Log In: NMED Employees should log in with their state email address and password". The login fields are "User ID:" and "Password:", both with input boxes. A "Reset Password" link is located below the password field. "Login" and "Reset" buttons are positioned below the input fields. A "Secure Site" icon is shown below the buttons. A "NOTICE" section states that access is restricted to authorized personnel only. A "WARNING" section states that any use or activity may be monitored. A registration link is provided at the bottom left, and the release date "Released 10-20-2025" is at the bottom right.

Register

Please Log In: NMED Employees should log in with their state email address and password

User ID:

Password:

[Reset Password](#)

Secure Site

NOTICE: Access to the New Mexico Environment Department (NMED) Secure Extranet Portal (SEP) is restricted to authorized personnel only. Any unauthorized access is in violation of federal and/or state laws. *DO NOT PROCEED IF YOU ARE NOT AUTHORIZED.*

WARNING: Any use or activity may be monitored. Files and other information created, stored, transferred or otherwise manipulated may also be monitored.

Registration is required. [Click here to register for an NMED application.](#)

Released 10-20-2025

- ❑ Sign in to SEP, the Secure Extranet Portal
- ❑ Register through link if you do not have an account

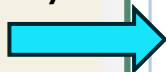



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Accessing AEIR

Click on Air
Emissions Inventory
Reporting (AEIR)





New Mexico
ENVIRONMENT
Department

Secure Extranet Portal Applications

Applications Profile Log out

Welcome Shannon! Please select your application to begin.

| Application | Description | Access |
|--|--|----------|
| AQB Compliance Reporting | The Air Quality Bureau Compliance Reporting System | approved |
| AQB Regulatory Archives | AQB Regulatory Archives | approved |
| Air Emissions Inventory Reporting | Air Quality Bureau Air Emissions Inventory Reporting (AEIR) application to allow facilities to electronically submit an annual emissions inventory report to NMED. | approved |
| Air Emissions Inventory Reporting Administration | NMED Air Quality Bureau AEIR Administrative tool (NMED AQB STAFF ONLY) | approved |
| CSI Admin - Internal NMED Staff Only | Interface for certifying CROMERR COR(Internal NMED Staff Only) | approved |

Show all available applications.



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AEIR Homepage

A screenshot of the New Mexico Environment Department's Annual Emissions Inventory Reporting (AEIR) homepage. The page has a blue header with the department's logo and name, and a light blue background. A navigation bar at the top includes links for Home, About AEIR, Manage E-Sign, and Logout. The main content area features a welcome message, a news section with important updates, and a contact information block. A yellow button at the bottom encourages users to register for additional facilities and/or roles.

 **New Mexico ENVIRONMENT Department**

Annual Emissions Inventory Reporting

[Home](#) [About AEIR](#) [Manage E-Sign](#) [Logout](#)

**Welcome to the New Mexico Environment Department
Air Quality Bureau Annual Air Emissions Reporting Home Page**

News and Information

Important NMED News for Air Emissions Inventory Reporters

- AEIR submittals for 2025 are due by **April 1, 2026**.
- Additional resources and instructions can be found here: [EI Submittal](#)
- We recommend using the latest version of Firefox, Edge, or Chrome for best compatibility with AEIR.
- **IMPORTANT NOTE: EXCESS EMISSIONS MUST BE INCLUDED IN YOUR SUBMITTAL**

If you have any questions, please contact Roslyn Higgin at 505-629-7677, Shannon Lopez at 505-629-6283, or Nevil Franco at 505-795-4919. roslyn.higgin@env.nm.gov, shannon.lopez@env.nm.gov, nevil.franco@env.nm.gov

Register For Additional Facilities and/or Roles at Your Existing Facilities

Facility and Organization Emissions Reporting

- ❑ Read the News and Information bulletin
- ❑ Register for additional facilities or roles if needed
- ❑ Scroll down to edit or create new submittals (see next slide)



AEIR Homepage Sections

Facility and Organization Emissions Reporting

Display Options:

- ☒ Show **only** facilities that are currently active or were active in the current submittal year

[Ameredev II LLC](#)

☐ 2023 GHG Submittal is Certified, Awaiting NMED Approval (certified by [redacted] on 04/04/2024)

[38440-Camellia CTB](#)

☐ 2020 Submittal is Certified, Awaiting NMED Approval (certified by [redacted] on 03/29/2021)

[Register For Additional Facilities and/or Roles at Your Existing Facilities](#)

[Edit Submittal](#)

[Certify Submittal](#)

[View Certified Submittal](#)

[Delete In Process Submittal](#)

[Get Current NMED Facility XML File](#)

Create New Facility Emissions Inventory Submission

Facility:

Reporting Year:

[Create New Annual Reporting Year Submittal](#)

OR

XML Data File: No file chosen

[Import an XML Data File For a New Submittal](#)

[Click here to download the latest XML Schema file](#)

Create New Organization Greenhouse Gas (GHG) Emissions Inventory Submission

Organization:

Reporting Year:

[Create New GHG Annual Reporting Year Submittal](#)

Choose the correct Section:

- ☐ **Facility and Organization Emissions Reporting**
 - ☐ May have to scroll through many facilities, or use ctrl-f to search for an AI number
 - ☐ Edit, certify, or delete in-process submittals
 - ☐ Download current facility xml
- ☐ **Create New Facility EI Submission**
 - ☐ Select the facility through the drop-down, then select the reporting year
 - ☐ Choose to create manually, or import an xml file
- ☐ **Create New GHG EI Submission**
 - ☐ Select an organization and reporting year



AEIR

[2293-Waukesha F817 G No2440](#)

- ☐ 2020 Submittal is Certified, Awaiting NMED Approval (certified by [redacted] on 04/01/2021)
- ☐ 2023 Submittal is Certified, Awaiting NMED Approval
- ☐ 2024 Submittal is Certified, Awaiting NMED Approval (certified by [redacted] 10/02/2025)

Register For Additional Facilities and/or Roles at Your Existing Facilities

Edit Submittal

Certify Submittal

View Certified Submittal

Delete In Process Submittal

Get Current NMED Facility XML File

Create New Facility Emissions Inventory Submission

Facility:

Reporting Year:

Create New Annual Reporting Year Submittal

OR

XML Data File: No file chosen

Import an XML Data File For a New Submittal

[Click here to download the latest XML Schema file](#)

Create New Organization Greenhouse Gas (GHG) Emissions Inventory Submission

Organization:

Reporting Year:

Create New GHG Annual Reporting Year Submittal

- The next pages will go through an example of “Create New Annual Reporting Year Submittal”





Create New Annual Reporting Year Submittal

Facility Annual Emissions - Subject Item List

Agency ID: 1008
Facility Name: [REDACTED]
Organization Name: [REDACTED]
Submittal Status: 2021 Submittal (In Process)
*Facility NAICS Code: 21112 - Crude Petroleum Extraction

Submittal Information

*Was this facility active at any time during the year? Yes

*Oil & Gas Industry Segment (Hover over for help): Select One

*Did this facility run leased/fleet or temporary equipment that is not on the permit during the year? Yes

*Number of Engines: 0
*Number of Tanks: 0
*Number of Flares: 0
*Number of Heaters: 0
*Number of Other Equipment: 0

Submittal Comments (2000 character maximum)

Save Submittal Header Information

Subject Item/Equipment (8 Subject Items)

| Type | ID | Designation | Description | Status | Complete |
|---|---------|----------------|--|----------------------|----------|
| <input type="radio"/> Oil & Gas | | | | Active 06/08/2015 | |
| <input type="radio"/> Heater | EQPT-7 | TH-11 to TH-13 | Tank Heaters (6/8/15- removed TH-1 to TH-10) | Active 07/18/2011 | |
| <input type="radio"/> Heater | EQPT-8 | SH-2 to SH-3 | Separator Heaters (6/8/15- removed SH-1) | Active 07/18/2011 | |
| <input checked="" type="radio"/> Internal combustion engine | EQPT-5 | PJ-1 | Arrow C-96 | Active 06/05/2001 | |
| <input type="radio"/> Internal combustion engine | EQPT-11 | E-2 | Arrow VRG330 Engine | Active 09/30/2014 | |
| <input type="radio"/> Stack/Vent | RPNT-1 | SSM | Start up Shut down and Maintenance | Active 07/19/2011 | |
| <input type="radio"/> Tank - Above Ground | EQPT-9 | BGT-2 | Pit Sump Liquids (6/8/15- removed BGT-1) | Active 07/18/2011 | |
| <input type="radio"/> Tank - Above Ground | EQPT-10 | PWT 11 to 13 | Produced Water Tanks (6/8/15- removed PWT-1 to PWT-10) | Active 07/18/2011 | |

Detail Emissions Add Modify Remove Export Total Emissions

Request Support from NMED

File Attachments
Please attach calculations following the requirements in the Emissions Inventory Guidance Document.

Attach File to Submittal

- 1 - Check that the NAICS Code is correct, select correct code if it is not
- 2 - If facility was not active during the year, then no further information will be required
- 3 - Choose an Oil & Gas Industry Segment for the facility from the drop-down menu:

| Oil and Gas Segment Choices in AEIR |
|---|
| Production |
| Gathering and Boosting |
| Natural Gas Processing Plant |
| Transmission |
| Underground Natural Gas Storage and LNG Storage |
| NA (if company is not oil and gas related) |
- 4 - If facility runs on leased or temporary equipment, the number of equipment must be entered, but emissions for that equipment is not collected
- 5 - Save Submittal Header Information before proceeding to Subject Item section



Create New Annual Reporting Year Submittal

Facility Annual Emissions - Subject Item List

Agency ID: 1008
Facility Name:
Organization Name:
Submittal Status: 2022 Submittal (In Process)

*Facility NAICS Code: 21112 - Crude Petroleum Extraction

Submittal Information

*Was this facility active at any time during the year? Yes ☐ No ☐

*Oil & Gas Industry Segment (Hover over for help): Well Site [20.2.50.7.W.(3)]

*Did this facility run leased/fleet or temporary equipment that is not on the permit during the year? No ☐ Yes ☐

Submittal Comments (2000 character maximum)

Save Submittal Header Information

Subject Item/Equipment (8 Subject Items)

| Type | ID | Designation | Description | Status | Complete |
|--|---------|----------------|--|----------------------|----------|
| <input type="radio"/> Oil & Gas | | | | Active 06/08/2015 | |
| <input checked="" type="radio"/> Heater | EQPT-7 | TH-11 to TH-13 | Tank Heaters (6/8/15- removed TH-1 to TH-10) | Active 07/18/2011 | |
| <input type="radio"/> Heater | EQPT-8 | SH-2 to SH-3 | Separator Heaters (6/8/15- removed SH-1) | Active 07/18/2011 | |
| <input type="radio"/> Internal combustion engine | EQPT-5 | PJ-1 | Arrow C-96 | Active 06/05/2001 | |
| <input type="radio"/> Internal combustion engine | EQPT-11 | E-2 | Arrow VRG330 Engine | Active 09/30/2014 | |
| <input type="radio"/> Stack/Vent | RPNT-1 | SSM | Start up Shut down and Maintenance | Active 07/19/2011 | |
| <input type="radio"/> Tank - Above Ground | EQPT-9 | BGT-2 | Pit Sump Liquids (6/8/15- removed BGT-1) | Active 07/18/2011 | |
| <input type="radio"/> Tank - Above Ground | EQPT-10 | PWT 11 to 13 | Produced Water Tanks (6/8/15- removed PWT-1 to PWT-10) | Active 07/18/2011 | |

Detail

Emissions

Add

Modify

Remove

Export

Total Emissions

Request Support from NMED

File Attachments

Please attach calculations following the requirements in the Emissions Inventory Guidance Document.

Attach File to Submittal

Subject Item Section

- All equipment on the permit will be shown
- First line can not be edited and tells the permit type
- 1 - Equipment can be added, modified, and removed for some facilities
 - If the add/modify/remove buttons do not appear, then click on "Request Support from NMED"
 - See "How to Manually Add Equipment in AEIR" pdf for more information
- From this page, each piece of equipment must have details and emissions entered.
 - 2 - Select equipment
 - 3 - Click "Detail" to begin entering information about that equipment



Subject Item Detail

Facility Annual Emissions - Subject Item Detail Form

Please note that this page will expire if inactive for 30 minutes.

Agency ID: 1008
Facility Name:
Organization Name:
Submittal Status: 2021 Submittal (In Process)

Facility NAICS Code: 21112
Was this facility active at any time during the year? Yes
Oil & Gas Industry Segment: Well Site [20.2.50.7.W.(3)]
Leased/fleet/temporary equipment? No

Subject Item ID: EQPT-5
Designation: PJ-1
Description: Arrow C-96
Type: Internal combustion engine
SCC: Internal Combustion Engines,
Industrial, Natural Gas, 4-cycle
Rich Burn

General Information

*Was this equipment active at any time during the year?

Supplemental Parameters

*Fuel Type:
Amount Unit of Measure
*Materials Consumed:
*Fuel Heating Value:
Percent Sulfur of Fuel: percent
Percent Ash of Fuel: percent
Percent Carbon Content: percent

Operating Detail

Operating Detail Help Value
*Operating Time in Hours per Day:
*Operating Time in Days per Week:
*Operating Time in Weeks per Year:
*Operating Time in Hours per Year:
*Percent of Operation During Winter:
*Percent of Operation During Spring:
*Percent of Operation During Summer:
*Percent of Operation During Fall:

Subject Item Comments

2000 character maximum

Save

Cancel

- ❑ Must enter all details for the specific type of equipment.
- ❑ 1 – General Information
 - ❑ If equipment was not active, that is all the information required before clicking “Save”
- ❑ 2 – Fill in Supplemental Parameters section
 - ❑ This section varies based on the type of equipment
 - ❑ This example is for an engine, but a tank would only ask for the type of materials processed
- ❑ 3 – Complete Operating Details section
- ❑ 4 – Click “Save” to proceed to the Emissions page for this piece of equipment



Subject Item Emissions Form

Facility Annual Emissions - Subject Item Emissions Form

Please note that this page will expire if inactive for 30 minutes.

Agency ID: 1008
Facility Name:
Organization Name:
Submittal Status: 2021 Submittal (In Process)

Facility NAICS Code: 21112
Was this facility active at any time during the year? Yes
Oil & Gas Industry Segment: Well Site [20.2.50.7.W.(3)]
Leased/fleet/temporary equipment? No

Subject Item ID: EQPT-5
Designation: PJ-1
Description: Arrow C-96
Type: Internal combustion engine
SCC: Internal Combustion Engines,
Industrial, Natural Gas, 4-cycle
Rich Burn

Actual Pollutants (required)

ONLY Actual Emissions must be entered in this section. Please do NOT enter Permitted or Potential values.

| Pollutant | Amount | Unit of Measure | Calculation Method | Status |
|---|----------------------|-----------------|---|--------|
| Nitrogen Dioxide: | <input type="text"/> | tons/y | <input type="text" value="Estimate"/> | |
| Particulate Matter (2.5 microns or less): | <input type="text"/> | tons/y | <input type="text" value="Select one"/> | Added |

aeir.air.net-q.env.nm.gov says

Please note that you should not report GHG emissions for the facility on this submittal if you are also reporting them on an organizational-level GHG submittal. Are you sure that you want to continue?

OK

Cancel

- 1 - User must enter actual emissions for the specific equipment as well as the calculation method used
- Pollutant section is populated with the pollutants from the previous submittal
- Pollutants can be added or removed
- Greenhouse gases can be entered here
 - They should only be entered if not reporting GHG in an organization level submittal
- 2 - Click "Save" to go to next equipment
 - There is a pop-up reminder about GHG before submitting



Subject Item List - Complete

Facility Annual Emissions - Subject Item List

Agency ID: 1008

Facility Name:

Organization Name:

Submittal Status: 2021 Submittal (In Process)

*Facility NAICS Code: 21112 - Crude Petroleum Extraction

Submittal Information

*Was this facility active at any time during the year? Yes

*Oil & Gas Industry Segment (Hover over for help): Well Site [20.2.50.7.W.(3)]

*Did this facility run leased/fleet or temporary equipment that is not on the permit during the year? No

Submittal Comments (2000 character maximum)

Save Submittal Header Information

Subject Item/Equipment (8 Subject Items)

| Type | ID | Designation | Description | Status | Complete |
|--|---------|----------------|--|----------------------|----------|
| <input type="radio"/> Oil & Gas | | | | Active 06/08/2015 | |
| <input type="radio"/> Heater | EQPT-7 | TH-11 to TH-13 | Tank Heaters (6/8/15- removed TH-1 to TH-10) | Active 07/18/2011 | ✓ |
| <input type="radio"/> Heater | EQPT-8 | SH-2 to SH-3 | Separator Heaters (6/8/15- removed SH-1) | Active 07/18/2011 | ✓ |
| <input type="radio"/> Internal combustion engine | EQPT-5 | PJ-1 | Arrow C-96 | Active 06/05/2001 | ✓ |
| <input type="radio"/> Internal combustion engine | EQPT-11 | E-2 | Arrow VRG330 Engine | Active 09/30/2014 | ✓ |
| <input type="radio"/> Stack/Vent | RPNT-1 | SSM | Start up Shut down and Maintenance | Active 07/19/2011 | ✓ |
| <input type="radio"/> Tank - Above Ground | EQPT-9 | BGT-2 | Pit Sump Liquids (6/8/15- removed BGT-1) | Active 07/18/2011 | ✓ |
| <input type="radio"/> Tank - Above Ground | EQPT-10 | PWT 11 to 13 | Produced Water Tanks (6/8/15- removed PWT-1 to PWT-10) | Active 07/18/2011 | ✓ |

Detail

Emissions

Add

Modify

Remove

Export

Total Emissions

2

Review for Submittal

Request Support from NMED

File Attachments

Please attach calculations following the requirements in the Emissions Inventory Guidance Document.

1

Attach File to Submittal

- Back at the Subject Item page
 - A green check mark will appear for equipment that has completed the "Detail" and "Emissions" pages
 - Continue with each equipment until all are marked complete
- 1 - Attach files for all emissions calculations
- 2 - Once all equipment are complete, and files are attached, select "Review for Submittal"
- Other options on this page:
 - Total Emissions – click here to see a pop-up with actual total pollutants reported for the facility in this submittal
 - Export – Creates a csv file with all equipment and emissions details in this submittal



Review for Submittal

- After selecting “Review for Submittal,” the first Subject Item details will be shown for review
- Confirm information is correct
- 1 – Select “Next SI”, repeat for each piece of equipment
- 2 - Once all SI have been reviewed, a new button will appear. Select “Submit for Certification” as shown:

Facility Annual Emissions - Subject Item Submittal Review

Agency ID: 1008
Facility Name:
Organization Name:
Submittal Status: 2021 Submittal (In Process)

Facility NAICS Code: 21112
Was this facility active at any time during the year? Yes
Oil & Gas Industry Segment: Well Site [20.2.50.7.W.(3)]
Leased/fleet/temporary equipment? No

Subject Item ID: RPNT-1
Designation: SSM
Description: Start up Shut down and Maintenance
Type: Stack/Vent
SCC: Industrial Processes, Oil and Gas Production, Natural Gas Production, Other Not Classified

General Information

Was this equipment active at any time during the year? Yes

Supplemental Parameters

Operating Detail

| | Value |
|-------------------------------------|-------|
| Operating Time in Hours per Day: | 24 |
| Operating Time in Days per Week: | 7 |
| Operating Time in Weeks per Year: | 52 |
| Operating Time in Hours per Year: | 8760 |
| Percent of Operation During Winter: | 25 |
| Percent of Operation During Spring: | 25 |
| Percent of Operation During Summer: | 25 |
| Percent of Operation During Fall: | 25 |

[Edit](#)

Actual Pollutants

| Pollutant | Amount | Unit of Measure | Calculation Method |
|-----------------------------------|--------|-----------------------------------|--------------------|
| Carbon Monoxide: | 10.0 | tons/y | Estimate |
| Methane (vented): | 20.0 | metric tons/y 40 CFR 98 Subpart W | |
| Volatile Organic Compounds (VOC): | 20.0 | tons/y | Design calculation |

[Edit](#)

Subject Item Comments

[Edit](#)

1

[Back to List](#) [<< Previous SI](#) [Next SI >>](#) [Print SI](#) [Print All](#) [Export All](#) [Cancel](#)

Subject Item #5 of 7

Subject Item Comments

[Edit](#)

2

[Back to List](#) [<< Previous SI](#) [Print SI](#) [Print All](#) [Export All](#) [Submit for Certification](#) [Cancel](#)

Subject Item #7 of 7



Submit for Certification

aeir.air.net-q.env.nm.gov says

Have you attached all calculations and other attachments?

OK

Cancel

1

Compressor Station

☐ 2020 Submittal is Certified

☐ 2023 Submittal is Certified

☐ 2024 Submittal is Awaiting Certification



Register For Additional Facilities and/or Roles at Your Existing Facilities

Edit Submittal

Certify Submittal

View Certified Submittal

Delete In Process Submittal

Get Current NMED Facility XML File

Create New Facility Emissions Inventory Submission

Facility:

Reporting Year:

Create New Annual Reporting Year Submittal

OR

XML Data File: No file chosen

Import an XML Data File For a New Submittal

[Click here to download the latest XML Schema file](#)

Create New Organization Greenhouse Gas (GHG) Emissions Inventory Submission

Organization:

Reporting Year:

Create New GHG Annual Reporting Year Submittal

- ❑ **1** - After submitting for certification, a pop-up will ask for confirmation that all necessary attachments are included
 - ❑ See next slide for information on what must be included in attachments
- ❑ After selecting “Ok” the system will return to the main page, and the submittal will be “Awaiting Certification”
- ❑ If assistance with certification is needed, there is a certification training video and pdf at <https://www.env.nm.gov/air-quality/ei-submittal/>



Calculation Spreadsheet Requirements

Include the following for each type of equipment:

- Emission Factors
- Calculation Method
- Actual Parameters Used in Calculation
- Example Calculation for Each Type of Equipment
- Gas Analysis
- Stack Test Results

Very important to submit Actual Emissions and not Permitted Emissions

- Permitted Emissions are the maximum allowable emissions and are outlined in the permit
- Actual Emissions are measured or calculated
 - Keeping track of operating hours, production rates, and quantities of materials processed, stored, or combusted over the calendar year for each emission unit is useful for these calculations



Methods of Determining Actual Emissions

Tier 1 – Preferred

- Actual Compliance Stack Test
- Continuous Emissions Monitoring (CEMS)

Tier 2

- Process Simulator
- Manufacturer Specification
- Vendor Supplied Emission Factors

Tier 3

- EPA Approved Emission Factor

Tier 4

- TANKS 4.09
- GRI-HAPCalc 3.0 or 4.0
- Vasquez Beggs
- Material Balance (only for construction industry)