



Point Source Emissions Inventories Overview

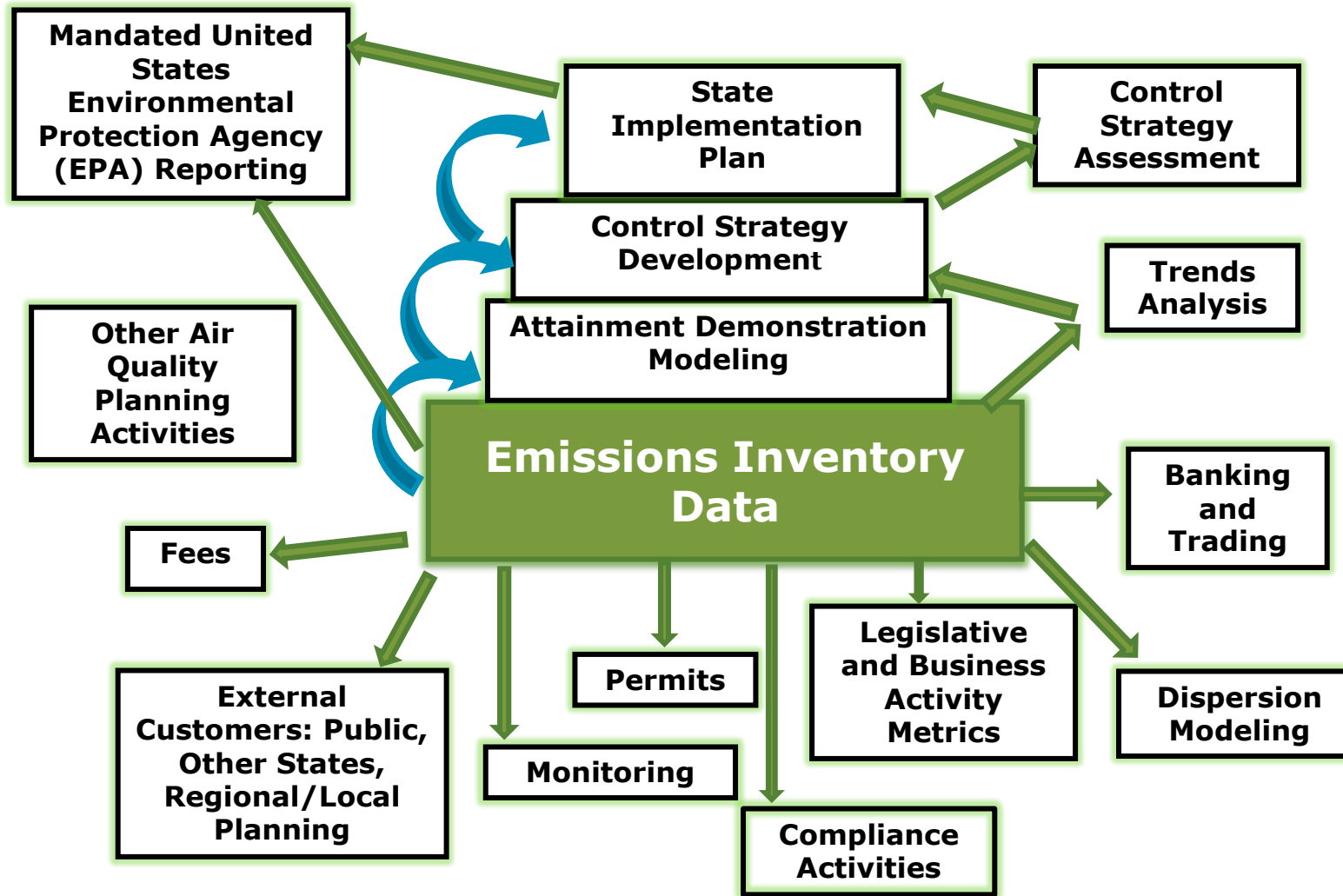
Overview

- What is an emissions inventory (EI)?
- What is EI data used for?
- Applicability requirements
- Types of EIs
- Reporting responsibility and due date
- Information to include in the EI
- Revisions to the EI
- Reminders and what's new for reporting year (RY) 2022
- Online resources and contact information

What is an EI?

- An annual survey of point sources, such as chemical plants, refineries, electrical plants, and other industrial sites that meet the criteria of the emissions inventory rule 30 Texas Administrative Code (TAC) Section 101.10.
- Includes the following data:
 - Sources creating air pollution
 - Chemical/physical identity and amounts of the air pollutants
 - Specific geographic location/area covered
 - Time periods that emissions are released
 - Specific release information: height, velocity, temperature

Use of the EI



30 TAC Section 101.10

Rule organization:

- (a) Applicability
- (b) Types of inventories
- (c) Calculations
- (d) Certifying statements
- (e) Reporting requirements
- (f) Enforcement

Who Needs to Submit an EI?

What information is needed to determine if a site meets the reporting requirements of 30 TAC Section 101.10?

- **Potential to emit (PTE)** and **actual** emissions thresholds for regulated pollutants
- **PTE** and **actual** emissions thresholds for hazardous air pollutants (HAP)
- Site location and attainment status of county

Statewide Applicability Requirements

Major stationary sources

- 30 TAC Section 116.12, Nonattainment and Prevention of Significant Deterioration Review Definitions, defines the term ***major stationary source***.
- The definition is based upon emissions thresholds.
- The major stationary source emissions threshold can change based on the attainment status of county.

Statewide Applicability Requirements (cont.)

- Any account (site) that **emits** or has the **PTE** 100 tons per year (tpy) or more of any contaminant (except for greenhouse gases)
- Any account (site) that **emits** or has the **PTE** 10 tpy of any single HAP or 25 tpy of aggregate HAPs as defined in the Federal Clean Air Act, Section 112(a)(1)
- Any account (site) that **emits** 0.5 tpy of lead (Pb) or has the **PTE** 10 tpy of Pb

Requirements for Ozone Nonattainment Areas

- Any account (site) located in an ozone nonattainment area **emitting**:
 - 10 tpy or more of volatile organic compounds (VOC),
 - 25 tpy or more of nitrogen oxides (NO_x), or
 - 100 tpy or more of any other contaminant subject to the National Ambient Air Quality Standards (NAAQS).
- Lower thresholds apply for nonattainment areas.
- Statewide requirements for lead and HAPs stay the same regardless of attainment designation.

Requirements for Ozone Nonattainment Areas (cont.)

- Counties reclassified as **SEVERE** nonattainment under the 2008 ozone NAAQS:
 - 10-county Dallas-Fort Worth and eight-county Houston-Galveston-Brazoria area counties:
Collin, Dallas, Denton, Ellis, Johnson, Kaufman, Parker, Rockwall, Tarrant, Wise, Brazoria, Chambers, Fort Bend, Galveston, Harris, Liberty, Montgomery, and Waller
- **Bexar** county is classified as **MODERATE** nonattainment under the 2015 ozone NAAQS.
- **El Paso** county is classified as **MARGINAL** nonattainment under the 2015 ozone NAAQS.

Special EI Requirements

- Special EIs are only required from regulated entities that receive a written notification from the Texas Commission on Environmental Quality (TCEQ).
- Regulated entities must respond to the letter **by the due date** even if the site does not meet reporting thresholds.
- The current special EI for ozone precursors includes sites that **emit** at least 10 tpy of VOC or 25 tpy of NO_x **actual** emissions during normal operations and that are located in one of the specified counties on the next slide.

Special EI Counties Required to Report EI

RY 2022 Special Inventory Counties for Ozone Precursors

Bastrop	Guadalupe	Hood	Rusk	Victoria
Bell	Hardin	Jefferson	San Patricio	Williamson
Caldwell	Harrison	McLennan	Smith	Wilson
Comal	Hays	Nueces	Travis	
Gregg	Henderson	Orange	Upshur	

Summary of RY 2022 Reporting Requirements

Summary of Reporting Requirements (tpy) for 30 TAC Section 101.10										
Note: For ozone nonattainment areas, the more stringent classification (where applicable) is used to determine reporting requirements for ozone precursor potential emissions.										
County	VOC		NO _x		Other		Individual HAP		Aggregated HAP	
	Actual	Potential	Actual	Potential	Actual	Potential	Actual	Potential	Actual	Potential
Brazoria, Chambers, Fort Bend, Galveston, Harris, Liberty, Montgomery, Waller SEVERE / OZONE	10	25	25	25	100	100	10	10	25	25
Collin, Dallas, Denton, Ellis, Johnson, Kaufman, Parker, Rockwall, Tarrant, Wise SEVERE / OZONE	10	25	25	25	100	100	10	10	25	25
Bexar MODERATE / OZONE	10	100	25	100	100	100	10	10	25	25
El Paso MARGINAL / OZONE	10	100	25	100	100	100	10	10	25	25
See county listing** SPECIAL INVENTORY REPORTING THRESHOLDS FOR OZONE PRECURSORS	10	100	25	100	100	100	10	10	25	25
All Other Counties	100	100	100	100	100	100	10	10	25	25
Statewide	Lead (Pb) Actual					Lead (Pb) Potential				
REPORTING THRESHOLDS FOR LEAD (ALL COUNTIES)	0.5					10				

Applicability Requirements Example

- If a site (account) meets **any** of the EI reporting requirements at **any time** during the calendar year, an updated EI is due, regardless of authorization type or status, this includes:
 - **actual** emissions and/or
 - **potential** emissions.
- Scenario: An operational major source voided the site's applicable permits in **June 2022**.
 - The site **met** 30 TAC Section 101.10, based on **PTE** reporting thresholds. **The site must submit a 2022 EI.**
 - If **none** of the 30 TAC Section 101.10 reporting requirements are met for RY 2023, the 2023 EI may not be required.

Point Source EI Types

- 1) Initial
- 2) Annual update
 - Inapplicability letters
 - Insignificant emissions change letters
- 3) Special

Initial EI

- Sites that have never submitted an EI
- Required to be submitted through the State of Texas Environmental Electronic Reporting System (STEERS) Annual Emissions Inventory Reporting web-based system (also referred to as “Web-EI”)
- Due by **March 31st**

Annual EI Update

- Required every year the reporting criteria are met
- Required to be submitted through Web-EI
- Due **March 31st** unless otherwise directed in writing by the TCEQ

Special EI

- Applies to regulated entities that receive a written notification from the TCEQ (currently 23 counties are subject)
- Response is **required** even if the site does not meet the reporting thresholds
- Current special EI is for ozone precursors
 - No difference in the type of EI data collected
 - Same format as the initial and annual EI updates
 - Counties listed on previous slide

Inapplicability Notification Letter

If the site does not meet any of the reporting thresholds in 30 TAC Section 101.10 or the special EI requirements, you may submit a hard-copy letter instead of an EI.

- **See Appendix B. Sample Letters** of the *2022 Emissions Inventory Guidelines* for an example letter.
- When a **valid** inapplicability letter is submitted, only contact information and tracking dates (e.g., received date) will be updated in the database.
- **The TCEQ will not enter emissions in the database for that RY.**

Mail List Options for Inapplicability Notification

- If you wish to **remain** on the Emissions Assessment Section (EAS) mailing list for the next RY and keep receiving notices, select:
 - Please keep this site on the annual emissions inventory mailing list.
- To be **removed** from the mailing list, submit the inapplicability notification letter selecting the following option:
 - Please remove this site from the annual emissions inventory mailing list.

If the most recently recorded emissions in the database **exceed** the applicability requirements, submit a current, updated EI with calculations to be **removed** from the mailing list.

Insignificant Emissions Change Notification

If changes in emissions for **each** pollutant do not exceed 5% or 5 tpy, whichever is greater, a hard-copy letter can be submitted.

- The changes can be either increases or decreases.
- The 5% or 5 tpy criteria are based upon comparing 2022 emissions to the most recently submitted EI entered into the database.
- If a letter is submitted several years in a row, the EI may need to be updated if the change for a pollutant exceeded 5% or 5 tpy from last submitted EI.
- The emissions from the last submitted EI are copied to the current year.
- A sample letter is provided in *2022 Emissions Inventory Guidelines*, Appendix B.

Insignificant Emissions Change Notification (cont.)

The following must also be provided:

- 1) **Page 2** of the emissions inventory questionnaire (EIQ) with site information and EI contact information for applicable RY
- 2) **Page 3** of the EIQ with criteria emissions totals and site quantifiable event totals for applicable RY
- 3) **Page 4** of the EIQ with signature of the legally responsible party.
- 4) **Finally,**



Insignificant Emissions Change Notification (cont.)

If the site experienced **no Emissions Event (EE):**



EE certification statement on page 4 of the EIQ **must also be signed.**

If the site **did** experience **EE and/or Scheduled maintenance, startup, shutdown (SMSS) events** that resulted in emissions:



Updated EIQ pages for the specific paths with emissions must be provided.

Insignificant Emissions Change Notification (cont.)

When using Web-EI to roll over a site's entire EI from the previous year:

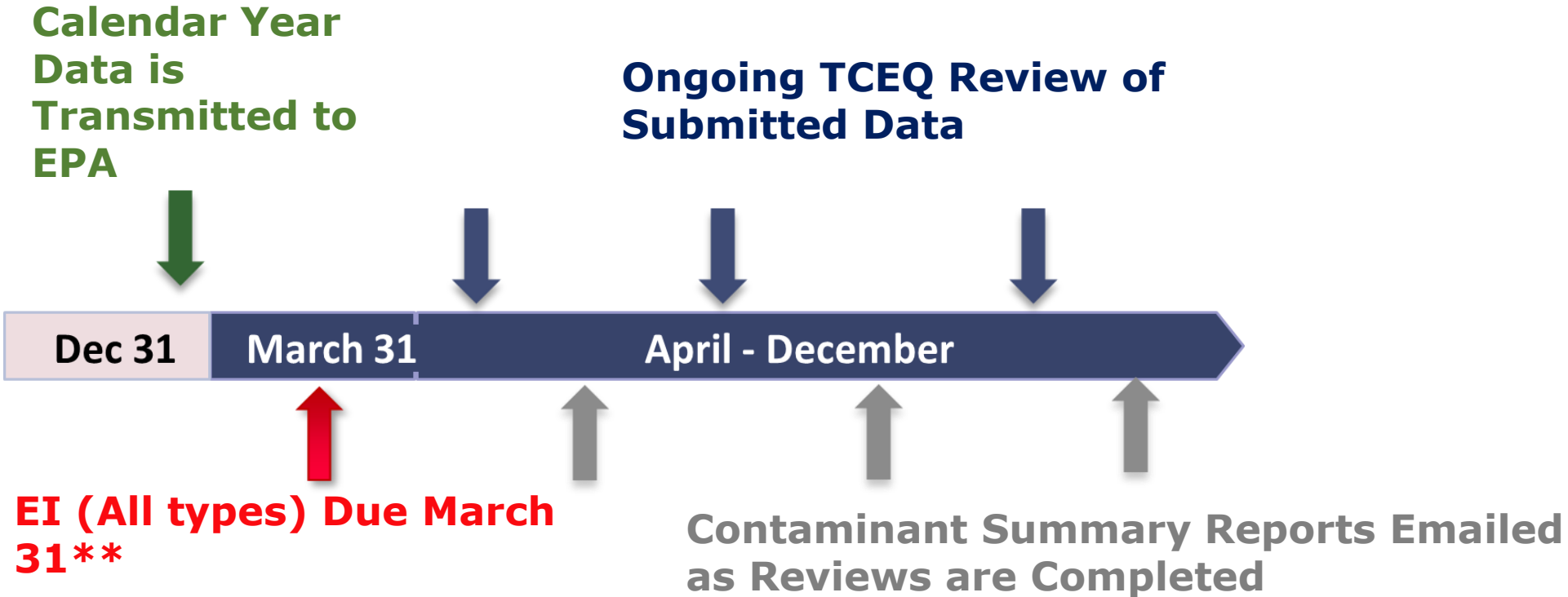
- **A hard copy** of the insignificant emissions change letter or similarly worded letter **is still required** via mail or hand delivery.
- Rolling over a site's emissions in STEERS without also submitting a hard copy of the insignificant emissions change notification letter **is not considered a complete submittal**.
- If rolling over a site's emissions through the Web-EI, the EI certification signature, site quantifiable event totals, EE and/or SMSS path emissions totals, and EE signature are certified through STEERS.

These items are not required to be submitted separately with the hard-copy letter.

Reporting Responsibility and Due Date

- The owner or operator of the site **at the time the EI is due** is responsible for submitting it.
- STEERS submittal/ letters
 - Title V site: the responsible official (RO) signature is required
 - Non-Title V site: company representative signature is required
- The due date for sites that submitted an EI the previous year is **March 31st** unless otherwise directed in writing by the TCEQ.
- The due date for sites that did not submit an EI the previous year but are applicable to reporting requirements is **March 31st**.

Timeline Overview



**** or as directed in writing by the TCEQ**

Information to Include in the EI: Sources

Represent sources individually if the source meets any one of the following:

- listed in any TCEQ enforceable document such as a permit, regulation, or commissions order; or
- emitted 1 tpy or more of any regulated pollutant; or
- emitted 0.1 tpy or more of toxics or HAPs; or
- emitted 2 pounds or more of mercury and/or Pb.



Information to Include in the EI: Pollutants

- Criteria and precursor pollutants: carbon monoxide, sulfur dioxide, VOC, NO_x, Pb, PM₁₀, and PM_{2.5}
 - PM₁₀: particulate matter no larger than 10 microns in diameter
 - PM_{2.5}: particulate matter no larger than 2.5 microns in diameter
- HAPs identified in Federal Clean Air Act, Section 112(b)
 - Also known as air toxics
 - Some examples: mercury, hydrogen fluoride, and hydrochloric acid
- Other regulated air contaminants subject to rules, regulations, permits, orders of the commission, or court orders
 - Some examples: total suspended particulate and non-HAP acids

Note about HAP Emissions

- The EPA updated their review strategy for HAPs and other air toxics data.
 - <https://www.epa.gov/haps/air-toxics-strategy>
 - <https://www.epa.gov/haps/improving-access-air-toxics-data>
- The EPA's health effects modeling includes point source emissions reported to the TCEQ EI.
- Ensure that all HAPs and air toxics reported in the EI are accurate and sample calculations are provided.
 - A **few** HAPs of interest to the EPA include:
 - ethylene oxide
 - benzene
 - chromium
 - hexavalent chromium
 - hydrogen cyanide
 - cobalt
 - mercury

Types of Emissions to Include in the EI

- **Annual (routine)** emissions are reported in tpy.
- **Ozone season** emissions are reported in pounds per day.
- **SMSS** are reported in tpy.
- **EE** are reported in tpy.
- All emissions data reported in the EI are the **actual** emissions. Do **not** report the **potential** emissions or maximum emissions from the permit.

Best Available Emissions Data Should be Included

Method Code	Description: Preferred Methodologies in Descending Order
D	*Continuous emissions monitoring systems (CEMS). If properly operated and calibrated CEMS data is available, it must be used to determine emissions per 30 TAC Section 101.10(c).*
H	Highly reactive volatile organic compounds monitoring systems
F	Predictive emissions monitoring systems
M	Measured data (stack sampling data)
Q	Portable-analyzer measurement data
V	Vendor-supplied emissions factors
A	AP-42 and other factors approved by the United States Environmental Protection Agency or TCEQ
B	Material Balance
S	Scientific Calculation
E	Estimation
O	Other

Supporting Documentation to Include in the EI:

Sample calculations required by 30 TAC Section 101.10

- Submit sample calculations that are site-specific and that use the current EI year's data.
- Update sample calculations with each EI submittal.
- Submit sample calculations for each different process type.
- Include process rates, operating hours, emissions factors, and their sources.

Do Not Include **Confidential** Documentation with the EI

- **Confidential** information cannot be attached to STEERS or emailed.
- Submit **confidential** information electronically through the **secure** TCEQ File Transfer Protocol (FTPS) webpage.
 - Check to see if you have a FTPS account, sign up for a new account, log into an existing account, and find FTPS help documents at <https://ftps.tceq.texas.gov/>.
 - After logging into the FTPS, upload the confidential files, and **share with** psdocument@tceq.texas.gov.
- Alternatively, confidential may be mailed or hand delivered (addresses at end of presentation).
- Each page must be clearly marked **“confidential”**.

Summary: Requirements for a Complete Submission

EI Reporting Type	STEERS Submittal	Hard Copy	Responsible Official Signature	EE Certification	Sample Calculations
<i>Annual Update</i>	✓	NO OPTION	✓	✓	✓
<i>Inapplicability</i>	NO OPTION	✓	✓	✓	UPON REQUEST
<i>Insignificant Change Notice</i>	NO OPTION	✓	✓	✓	UPON REQUEST
<i>Initial EI</i>	✓	NO OPTION	✓	✓	✓
<i>Special EI</i>	✓	NO OPTION	✓	✓	✓

EI Revisions

- When is a company-initiated revision necessary?
A revision is necessary to correct EI emissions previously reported in error.
- Revisions are subject to TCEQ review and approval.
- A cover letter signed by the RO (Title V) or company-representative (non-Title V) explaining the reason for the revisions must accompany the revised emissions and supporting documentation.
- When submitting revisions, do not apply information retroactively to emissions calculations, including:
 - emissions factors and
 - measurement or test data.

EI Revisions Policy Summary

EI Year Revision Requested by Company	Can the revisions be entered in the database (subject to TCEQ review and approval)?
2022	Yes
2021	Yes
2020	Case-by-case
2019	Case-by-case
2018	Case-by-case
2017 and prior	No. Filed only and noted in the database tracking system.

Reminders

- **El due date:** The EI due date for RY 2022 is Friday, March 31, 2023.
- **Notification letter:** The courtesy notification letter is only emailed to the EI contact by December 31, except sites subject to the **special inventory** which are still **mailed a written notification**.
- **Contaminant summary reports (CSR):** notice to verify final site-level emissions are only emailed.
 - After the quality assurance review is complete, the EI contact is emailed instructions and a PDF of the site-specific CSR.
 - The email is sent from psdocument@tceq.texas.gov.
 - After receiving the email, verify the final emissions and EI contact information.
 - If updates are required, reply to the email.

Reminders (cont.)

- **Fees program:** air fees basis forms – emailed
 - If your site is subject to one of the two air fees, the fee basis forms are now emailed to the fees contact.
 - For additional information, please contact the air fees program at airfees@tceq.texas.gov or visit the air fees webpage at: <https://www.tceq.texas.gov/airquality/point-source-ei/air-fees.html>.
- **Tanks:** Use the updated AP-42, Chapter 7 equations to determine tank emissions instead of TANKS 4.09d software.
- **Fugitive emissions:** Use emissions determination guidance for components monitored under an authorized Alternative Work Practice using an optical gas imaging system.

Mailing Addresses

- United States Postal Service
Emissions Inventory Data, MC 166
Texas Commission on Environmental Quality
P.O. Box 13087
Austin, TX 78711-3087
- Overnight service (FedEx, UPS, courier, or hand delivery)
Emissions Inventory Data, MC 166
Texas Commission on Environmental Quality
12100 Park 35 Circle, Bldg. E., Third Floor
Austin, TX 78753

Online Resources

- Point source EI webpage provides detailed information at www.tceq.texas.gov/goto/ieas
- EI guidelines book (RG-360/22) provides:
 - Step-by-step instructions for completing an EI
 - Yearly updates with current reporting requirements
 - Technical supplements for common emissions sources
- Workshop presentations in PDF (recordings not available)
- Obtain PDFs of site-specific EI reports at <https://www.tceq.texas.gov/downloads/air-quality/point-source/forms/eiq-print-copy-v3.pdf>

Contact Information

- EAS Helpline: Monday-Friday, 8 AM to 5 PM
psinvent@tceq.texas.gov
(512) 239-1773
- Air Fees
airfees@tceq.texas.gov
- Emissions Banking & Trading Contact
ebt@tceq.texas.gov

Questions?

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Volatile Organic Compounds (VOC) Emissions Calculations

Overview

- Common emissions methodologies for VOC sources
- Emission inventory (EI) guidance for estimating VOC emissions

VOC Speciation

- VOC speciation criteria are based on geographic location.
 - Site is located in El Paso county -or- is east of 100° longitude line
 - Non-combustion sources that emit at least 5 tons per year (tpy) annually
 - All other sites:
 - Non-combustion sources that emit at least 25 tpy annually
- Speciation entails:
 - Speciate emissions to at least 90%.
 - Species less than 0.1 tpy may be grouped under VOC-unclassified.
- VOC speciation requirements are distinct from hazardous air pollutants speciation requirements.

Above Ground Liquid Storage Tanks

- Determining emissions from breathing and working losses
 - AP-42, chapter 7 (or software programs that use those equations) is a common method.
- Determining emissions from flashing losses
 - Direct measurement (coded as “M”) is the most preferred method.
 - Process simulator is generally the next preferred method.
 - Please reference Appendix A in the Texas Commission on Environmental Quality (TCEQ)’s *Emission Inventory Guidelines*.

Marine Facilities: VOC Sources

- Dock VOC emission sources may include:
 - Fugitive VOCs from equipment leak fugitives
- Dockside marine vessel emissions may include:
 - VOCs from loading or unloading liquid bulk materials
 - VOCs from loading or unloading liquefied gaseous materials
 - VOCs from degassing and cleaning liquid vessel compartments
 - VOCs from abrasive blasting and surface coating

Marine Facilities: Determining Emissions

- Annual emission rates
 - The amount and type of material processed
 - Speciation of any VOC emissions
 - Temperature, vapor pressure, molecular weight, and any other data necessary to determine emissions
- Ozone season emission rates
 - Ozone season: May through September
 - Emissions rate expressed in pounds-per-day
 - Total pounds emitted during season divided by 153 days

Marine Facilities: Speciating VOC Emissions

- Loading and unloading emissions will have composition of the same material.
- Vessel gas freeing and conditioning emissions will have composition of previously loaded material or of material now being loaded.
- Degassing and cleaning emissions will have composition of previously-held material.

Fugitive Emissions from Piping Components

Emissions determination methodologies: order of preference

- Unit-specific correlation equations developed using bagging data in accordance with United States Environmental Protection Agency (EPA) guidelines (code as “M”)
- EPA correlation equations using screening values from a leak detection and repair (LDAR) program (code as “A”)
- EPA industry-appropriate average factors (code as “A”)

Fugitive Emissions from Piping Components (cont.)

Please note:

- The application of LDAR reduction credits to the EPA average factors is no longer accepted, with few exceptions.
- One exception is noted in the *2023 Emission Inventory Guidelines*, which deals with audio/visual/olfactory inspections.

Fugitive Emissions from Piping Components (cont.)

Quantifying emissions using correlation equations

- Calculations for monitored components must use site specific data .
- Correlation equations must be used when retention of screening value data is required by any of the following:
 - permit condition,
 - EPA rule, or
 - TCEQ rule.

Fugitive Emissions from Piping Components (cont.)

Emissions determination requirements

- Average emission factors should be used to quantify emissions from unmonitored components
- Average emission factors are divided into four categories:
 - synthetic organic chemical manufacturing industry
 - oil and gas production
 - refinery
 - petroleum-marketing terminal

Cooling Towers

Emissions determination methodologies: order of preference

- Emissions data from a highly reactive volatile organic compound monitoring system required by 30 TAC Section 115.764 (coded “H”)
- Emissions data from a TCEQ-approved air-stripping method (coded “M”)
- Emissions data from an approved monitoring and control program plan, other than an air-stripping method, on file with the TCEQ (coded “B”)
- Emissions data from an unapproved monitoring and control program (coded “E”)
- The AP-42 uncontrolled VOC factor (coded “A”)

Combustion Sources: Internal Combustion Engines

Common methodologies for VOC emissions, found below, are in order of preference (list is not comprehensive).

- M (measured: stack test data)
- V (vendor-supplied emissions factor)
- A (AP-42 or other EPA-approved factor)

Internal Combustion Engines: Stack Test and Vendor Data

For both methodologies, ensure that the test measured VOCs rather than total hydrocarbons.

- Stack testing and vendor data can sometimes be a measure of total organic carbon (TOC) and not of VOC.
- VOC emissions must be determined by multiplying the hydrocarbon emission factor by the following ratio: AP-42 VOC emission factor / AP-42 TOC emission factor.
- The determination methodology must be coded “S” (detailed in the following slides).

Internal Combustion Engines: Stack Test and Vendor Data (cont.)

For vendor data:

- Verify whether the vendor's emission factor accounts for formaldehyde and other aldehyde compounds.
- If the factor excludes all aldehyde compounds, please contact the EAS.

Internal Combustion Engines: Total VOC

- Only use the AP-42 VOC factor to calculate total VOC emissions when no better methodology (e.g., stack test, vendor data) is available.

- Occasionally, stack test or vendor data provides total hydrocarbons (THC) or TOC instead of VOC.

- Determine VOC emissions by multiplying the THC or TOC emissions factor by the appropriate AP-42 ratio.

$$\text{TOC EF} \times \frac{\text{AP-42 VOC emissions factor}}{\text{AP-42 TOC emissions factor}}$$

- Do not apply the inlet gas VOC percentage to the THC factor to obtain a VOC factor.
 - Code emissions as “S” for scientifically calculated.

Example Calculation: Calculating Total VOC

Example: Using the AP-42 ratio method, determine a VOC emissions factor if given a total organic carbon (TOC) stack test factor for a 4-cycle rich burn engine.

- AP-42 VOC emissions factor / AP-42 TOC emissions factor

$$\frac{0.0296 \text{ lb/MMBtu}}{0.358 \text{ lb/MMBtu}} = 0.0827$$

- TOC stack test factor × AP-42 ratio = VOC factor

$$5 \text{ g/hp-hr} \times 0.0827 = 0.413 \text{ g/hp-hr}$$

- Emissions coded “S” for scientifically calculated

pound = (lb), 1 million British thermal unit (MMBtu), gram (g), horsepower (hp), hour (hr)

Internal Combustion Engines: VOC Speciation

To speciate VOC emissions with a total VOC factor, use the following steps.

- Locate AP-42 “Trace Organic Compound” emissions factors rated “C” or better (i.e., “A”, “B”, or “C”).
- Divide each AP-42 trace organic factor by the AP-42 VOC emissions factor to obtain contaminant speciation ratios.
- Multiply the total VOC emissions by each speciation ratio to obtain speciated compound emissions.
- Code speciated compound emissions as “S” for scientifically calculated.
- Report remainder VOC as VOC-unclassified (50001) and code as either “M” for stack test or “V” for vendor data.

Internal Combustion Engines: VOC Speciation (cont.)

Example: Speciate VOC emissions (1.2 tpy) for a 4-cycle lean burn (4CLB) engine when only a total VOC vendor factor is provided.

- Formaldehyde is rated “A” for a 4CLB.
- Determine the contaminant speciation ratio for formaldehyde.

$$\frac{0.0528 \text{ lb/MMBtu}}{0.118 \text{ lb/MMBtu}} = 0.447$$

- Multiply the total VOC emissions by the speciation ratio.
 $1.2 \text{ tpy of VOC} \times 0.447 = 0.536 \text{ tpy of formaldehyde (coded "S")}$
- Calculate the remainder VOC.
 $1.2 \text{ tpy of VOC} - 0.536 \text{ tpy} = 0.664 \text{ tpy of VOC-unclassified (coded "V")}$

Internal Combustion Engines: VOC Speciation (cont.)

- More complicated scenarios exist when a stack test or vendor formaldehyde factor is provided and/or the VOC factor excludes formaldehyde.
- Specific VOC speciation guidance can be found in “Technical Supplement 1: Selected Combustion Sources” of the Emissions Inventory Guidelines.

Online Resources

- Point Source EI webpage provides detailed information at www.tceq.texas.gov/goto/ieas
- *2022 Emissions Inventory Guidelines (RG-360/22)* provides:
 - Step-by-step instructions for completing an EI
 - Yearly updates with current reporting requirements
 - Technical supplements for common emissions sources
 - Found on point source website
- Obtain PDFs of site-specific EI reports at <https://www.tceq.texas.gov/downloads/air-quality/point-source/forms/eiq-print-copy-v3.pdf>

Questions?

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***Web-Emissions Inventory Reporting:
State of Texas Environmental Electronic
Reporting System***

Overview

- State of Texas Environmental Electronic Reporting System (STEERS)
- STEERS account
 - Creating and updating an account
 - Program access: levels of authority
 - STEERS Participation Agreement (SPA) form
- Web-based emissions inventory (Web-EI)
 - Reporting options
 - Basic process
- Common questions and items to note

Web-EI YouTube Videos

- Nine YouTube videos on the STEERS Web-EI reporting process
 - STEERS basics
 - Web-EI details
- Link to videos available on point source EI web page:
<https://www.tceq.texas.gov/airquality/point-source-ei/psei.html>

What is STEERS?

- Portal for accessing various Texas Commission on Environmental Quality (TCEQ) online reporting programs
 - Air New Source Review registrations
 - Emissions banking and trading
 - Pesticide general permits
 - Annual Emissions Inventory Reporting (AEIR) System (aka “Web-EI”)
- Manages user accounts
 - Controls access to reporting programs
 - Sets and maintains security functions

Creating/Updating a STEERS Account

- STEERS accounts are user-based.
 - The accounts are assigned to individuals.
 - ER##### is the format of STEERS account numbers.
 - Don't confuse a STEERS account number with an air account number or regulated entity reference number (RN).
- Each person should have their own STEERS account.
Do not share STEERS accounts.



- Data
- Forms
- Maps
- Public Notices
- Publications
- Records
- Webcasts
- TCEQ Online Services
 - e-Pay, Permits
 - Licenses, Reporting
 - Filing, Comments

Questions or Comments:
info@tceq.texas.gov

Reporting

How to report data to the TCEQ and how to file a complaint.

Reporting Data to the TCEQ

Air Emissions

- Annual Emissions Inventory: **Report Electronically**
- Air Emissions & Maintenance Events (AEME) Reporting

Chemical Storage

- Tier II Chemical Reporting

Pollution Prevention

- Pollution Prevention (P2) Annual Progress Report under the Waste Reduction Policy Act

Public Water Systems

For All Water Systems:

- Residual Disinfectant
- Consumer Confidence Reports

By Water Source:

- Groundwater
- Surface Water
- Purchased Water

Training

- Training Roster Online Submittal (TROLS): **Report Electronically**

Report an Environmental Problem

- Make an Environmental Complaint
- Report a Spill
- Complaints about an On-Site Sewage Facility
- Toll-free Numbers for Reporting

- Cleanups, Remediation
- Emergency Response
- Licensing
- Permits, Registration
- Preventing Pollution
- Recycling
- Reporting
- Rules

How are we doing? Take our customer satisfaction survey





Welcome to STEERS Test, the State of Texas
Environmental Electronic Reporting System.

Here is what you can do online in STEERS:

e-Permits\Registration:

- >> Aggregate Production Operations Registration
- >> Air New Source Review Registrations
- >> CAFO General Permit
- >> Concrete Batch Plants General Permit
- >> Municipal Solid Waste Notifications
- >> Pesticide General Permit
- >> Petroleum Storage Tank (PST) Self-Certifications
- >> Storm Water General Permits (Construction & Multi-Sector)
- >> Tax Relief for Pollution Control Property **NEW**
- >> Tier II Core Data

e-Reporting:

- >> Annual Emissions Inventory Report (AEIR)
- >> Air Emissions & Maintenance Events (AEME) Reporting
- >> Emissions Banking and Trading (EBT)
- >> Industrial & Hazardous Waste (IHW) NOR and Summaries
- >> Municipal Solid Waste (MSW) Reporting
- >> Pollution Prevention Planning (P2PLAN) Reporting
- >> Public Drinking Water (PDW)
- >> Training Roster Online Submittal (TROLS)

See [details of what you can do](#).

This is STEERS version 6.1.

Enter STEERS:

ER Account Number:

(ER + 6 digits)

Password:

Login



I need:

- [my password](#)
- [to create a new account](#)
- [to authorize another user's account](#)

Find Out When STEERS Will Be Offline

We do our best to ensure that STEERS is online when you need it. But for upgrades, security measures, and other maintenance, we must bring STEERS or one of its modules offline. We cannot predict emergency outages, but for scheduled downtimes, see our [STEERS maintenance schedule](#).



Creating/Updating a STEERS Account (cont.)

- Select and provide answers to several security questions.
The questions will be used later during STEERS login for security and user verification.
- Configure program access during account creation.
For Web-EI reporting, “AEIR” is the official STEERS program name.
- Contact TCEQ STEERS staff with issues on this portion of STEERS.
 - STEERS@tceq.texas.gov
 - (512) 239-6925



This is the STEERS TEST environment. If you want to submit OFFICIAL data to TCEQ, you must go to <https://www3.tceq.texas.gov/steers/>.

Welcome to STEERS Internet Version 6.1!

Notice: STEERS automatically logs out after 20 minutes of inactivity. Activity is defined by moving from one page to another, not by entering information on a page.

For more information on how to navigate this site, please visit our [Help](#) section.

Select Reporting Program Area: [Air Emissions and Maintenance Events \(AEME\)](#)
[Annual Emissions Inventory Report \(AEIR\)](#)

OR

Select e-Permits Program Area: [Air New Source Review \(EPR NSR\)](#)

STEERS News:

There are no current news items.





Reminder: This account has probationary program areas and/or program area IDs. These probationary IDs or areas have limited access. To get full access, a signed copy of the STEERS Participation Agreement (SPA) must be received by the TCEQ either by mail or electronically if you have a Texas Drivers License. If you have not sent in the SPA already, please do so.

Account Summary

Account: ER001720	Account Status: ACTIVE - unlocked
Name: Adam D Bullock	Created: 12/07/2018
Company: TCEQ	Activated: 12/07/2018
Title: TCEQ	Last Renewed: 04/30/2020
Email: adam.bullock@tceq.texas.gov	
Phone: 512-239-5155	
Address: 11100 PARK 35 CIRCLE AUSTIN, TX 78753	

STEERS Access

Select STEERS Program to Add or Modify:

<u>Current Program Area</u>	<u>Program</u>	<u># IDs</u>	<u># Probationary</u>
Annual Emissions Inventory Report	AEIR	21	1



Creating/Updating a STEERS Account (cont.)

- Read onscreen prompts carefully
 - Especially for access type and authorization
- Select proper access type for appropriate level of authority
 - Read: view data only
 - Edit: enter and edit data within STEERS
 - Submit: certify and submit data to the TCEQ
- Complete authorization
 - Yourself: self-authorization
 - Another person: requires another individual to verify
- Add RNs or air account numbers

Program Access - Levels of Authority

VERY IMPORTANT

- Third-party consultants cannot have submit authority.
Per 30 Texas Administrative Code Section 101.10(d), the owner or operator of a site must certify the EI data.
- Submit authority should be limited to:
 - for Title V sites, the
 - Responsible Official (RO) or the
 - Designated Representative (DR) or the
 - Alternate Designated Representative (ADR); or
 - for non-Title V sites, the managers or personnel with authority to represent the company or facility.



To add IDs to the account: select a role, relationship, an authorization and either the IDs to add or an account to copy. Press Add IDs or Copy IDs to continue. Press Cancel when done.

Program Status

Access Type: | ** Pick Role ** |

Authorization

Select the appropriate relationship and authorization statement below.

What is the best description of your employer's relationship to the facility or facilities?

- The Facility
- Parent Company
- Other

Who is authorizing the access?(Select one of the following)

- I, Adam D Bullock, am applying for a read, edit, or preparer role and no specific company authorization is required.

-OR-

- I, Adam D Bullock, am applying for a sign and submit role and have the authority to enter into this Agreement for the Company under the applicable standards referred to in FCAA 182(a)(3)(B).
- I, Adam D Bullock, am applying for a sign and submit role and am authorized by the person below who does have the authority to enter into this Agreement for the Company under the applicable standards referred to in FCAA 182(a)(3)(B).

Authority: | (Name of authorizing authority)
Title: | (Title of authorizing authority)
Company: | (Authorizing company)
Phone: | (999-999-9999)

AEIR IDs to Add:

You may enter each ID or copy IDs from another STEERS account.

Enter the air IDs the account needs to access.

You may enter either an Air Account number (without the hyphen) or a Regulated Entity reference number (RN 1-9 digits). If you enter an account number and it is not found, try searching for the site RN number in the [TCEQ Central Registry](#).

_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____



STEERS Participation Agreement

- Document signed by each STEERS user
 - Paper signature
 - Electronic signature using valid Texas drivers' license
- Certifies that users understand and agree to all rules and requirements of STEERS
- Must be submitted for:
 - New STEERS accounts
 - Existing STEERS accounts when updating or adding new access
- New accounts and changes to an account are on probation until SPA submitted

Common Questions and Items to Note: STEERS

- Who should have AEIR access?
 - Read or Edit access is appropriate for anyone designated by the company to view or prepare EI data (including consultants).
 - Submit authority for Title V sites is restricted to ROs, DRs, or ADRs **ONLY**.
 - Submit authority for non-Title V sites can be any company official but not a consultant.
- Why can't I access the AEIR system?
 - Check the "STEERS Access" section under "My Account."
 - Is anything listed as on "Probation"?
- Submitting a new SPA may address many issues.

Preparing a Web-EI Using the STEERS AEIR System

- There are two reporting options:
 - Emissions Inventory Questionnaire (EIQ) Entry
manual update option, and
 - File Import
single text file import method.
- Insignificant emissions change and inapplicability notification letters cannot be submitted through STEERS.
 - Hard-copy letters with wet-ink signatures are required to be mailed.
 - Contact the Emissions Assessment Section (EAS) if there are challenges with mailing signed letters.



This is the STEERS TEST environment. If you want to submit OFFICIAL data to TCEQ, you must go to <https://www3.tceq.texas.gov/steers/>.

Welcome to STEERS Internet Version 6.1!

Notice: STEERS automatically logs out after 20 minutes of inactivity. Activity is defined by moving from one page to another, not by entering information on a page.

For more information on how to navigate this site, please visit our [Help](#) section.

Select Reporting Program Area: [Air Emissions and Maintenance Events \(AEME\)](#)

[Annual Emissions Inventory Report \(AEIR\)](#)

OR

Select e-Permits Program Area: [Air New Source Review \(EPR_NSR\)](#)

STEERS News:

There are no current news items.





Error Log

Tracking

Work Area

EIQ Entry

Upload File

RN List

STEERS Home

Air Emissions Inventory Detail

Today's Date: 08/16/2017

14:52



RN Number: RN100226794
Account Number: AF0010F
Site Name: IMAGINARY BUSINESS LOCATION
Organization Name: NOT A REAL COMPANY LLC

Current Emissions Inventory Year: 2017
Last Emissions Inventory Year: 2016
Emissions Inventory Status: EXTRACTED

Current STARS Emissions Inventory Contact :

Name: ADAM BULLOCK
Title:
Mailing Address: 12100 PARK 35 CIR
BLDG E
AUSTIN, TX 78753
Phone: 512-239-5155
Fax: 512-239-1515
Email: adam.bullock@tceq.texas.gov

Contact updates through STEERS-AEIR have been temporarily disabled.
To update any or all of the STARS Emissions Inventory Contact information please send the relevant changes, including the RN or RNs involved, to the Emissions Assessment Section at PSINVENT@tceq.texas.gov with subject line "EI Contact Change".





RN Number:	RN100226794	Current Emissions Inventory Year:	2017
Account Number:	AF0010F	Last Emissions Inventory Year:	2016
Site Name:	IMAGINARY BUSINESS LOCATION	Emissions Inventory Status:	EXTRACTED
Organization Name:	NOT A REAL COMPANY LLC		

Current STARS Emissions Inventory Contact :

Name: **ADAM BULLOCK**
Title:
Mailing Address: **12100 PARK 35 CIR
BLDG E
AUSTIN, TX 78753**
Phone: **512-239-5155**
Fax: **512-239-1515**
Email: **adam.bullock@tceq.texas.gov**

Contact updates through STEERS-AEIR have been temporarily disabled.
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Emissions Inventory Questionnaire Entry Search Today's Date: 08/16/2017



RN Number:	RN100226794	Current Emissions Inventory Year:	2017
Account Number:	AF0010F	Last Emissions Inventory Year:	2016
Site Name:	IMAGINARY BUSINESS LOCATION	Emissions Inventory Status:	EXTRACTED
Organization Name:	NOT A REAL COMPANY LLC		

Select a Table Name from the drop down to select report section to be updated.

Table Name

ACCOUNT-SITE ▾
Search Cancel



Emissions Inventory Questionnaire Entry Search Today's Date: 10/07/2020



RN Number:	RN100226794	Current Emissions Inventory Year:	2017
Account Number:	AF0010F	Last Emissions Inventory Year:	2016
Site Name:	IMAGINARY BUSINESS LOCATION	Emissions Inventory Status:	EXTRACTED
Organization Name:	NOT A REAL COMPANY LLC		

Select a Table Name from the drop down to select report section to be updated.

Table Name

ACCOUNT-SITE ▾
ACCOUNT-SITE
FIN
EPN
CIN
EMISSION
ADD PATH





RN Number:	RN100226794	Current Emissions Inventory Year:	2017
Account Number:	AF0010F	Last Emissions Inventory Year:	2016
Site Name:	IMAGINARY BUSINESS LOCATION	Emissions Inventory Status:	EXTRACTED
Organization Name:	NOT A REAL COMPANY LLC		

Site Detail

Primary SIC:	4922	Primary SIC Name:	NATURAL GAS TRANSMISSION
UTM Zone:	14	UTM North Meters:	3874074.000
		UTM East Meters:	283919.000

Verify or update new value and save.

Attribute Name	Previous Value	New Value
Hours Per Day	24	* <input type="text" value="24"/>
Days Per Week	7	* <input type="text" value="7"/>
Weeks Per Year	52	* <input type="text" value="52"/>
Annual Operating Hours	8760	* <input type="text" value="8760"/>
Spring Percentage	25	* <input type="text" value="25"/>
Summer Percentage	25	* <input type="text" value="25"/>
Fall Percentage	25	* <input type="text" value="25"/>
Winter Percentage	25	* <input type="text" value="25"/>
Annual Number of Reportable Emission Events	0	* <input type="text" value="0"/>
Annual Number of Non-reportable Emission Events	0	* <input type="text" value="0"/>
Annual Number of Reportable SMSS Events	0	* <input type="text" value="0"/>
Annual Number of Non-reportable SMSS Events	19	* <input type="text" value="19"/>
Annual Opacity Event Total	0	* <input type="text" value="0"/>

* Mandatory field





Emissions Inventory Questionnaire Entry Search Today's Date: 10/07/2020



RN Number:	RN100226794	Current Emissions Inventory Year:	2017
Account Number:	AF0010F	Last Emissions Inventory Year:	2016
Site Name:	IMAGINARY BUSINESS LOCATION	Emissions Inventory Status:	EXTRACTED
Organization Name:	NOT A REAL COMPANY LLC		

Select a Table Name from the drop down to select report section to be updated.

Table Name

ACCOUNT-SITE ▾
ACCOUNT-SITE
FIN
EPN
CIN
EMISSION
ADD PATH

FIN: Facility Identification Number

EPN: Emissions Point Identification Number

CIN: Control Device Identification Number



RN Number:	RN100226794	Current Emissions Inventory Year:	2017
Account Number:	AF0010F	Last Emissions Inventory Year:	2016
Site Name:	IMAGINARY BUSINESS LOCATION	Emissions Inventory Status:	EXTRACTED
Organization Name:	NOT A REAL COMPANY LLC		

Select a FIN to update. If updates are not needed for a FIN, "No Change" may be selected. Save selections before leaving page.

1-5 of 5 Records

FIN	FIN Name	Profile	Status ▲	No Change	Work Area Status	Remove
BLOWDOWN	EMERGENCY BLOWDOWN VENT	BLOWDOWN OPERATIONS	ACTIVE	<input type="checkbox"/>		
ENG	AUXILIARY ENGINE	I.C. ENGINE	ACTIVE	<input type="checkbox"/>		
FUG	AREA FUGITIVES	EQUIPMENT LEAK FUGITIVES	ACTIVE	<input type="checkbox"/>		
TURB	COMPRESSOR TURBINE	TURBINE	ACTIVE	<input type="checkbox"/>		
TANK	CONDENSATE TANK	VERTICAL FIXED ROOF TANK	IDLE	<input type="checkbox"/>		

[Add FIN](#) [Save](#) [Cancel](#)



RN Number:	RN100226794	Current Emissions Inventory Year:	2017
Account Number:	AF0010F	Last Emissions Inventory Year:	2016
Site Name:	IMAGINARY BUSINESS LOCATION	Emissions Inventory Status:	EXTRACTED
Organization Name:	NOT A REAL COMPANY LLC		

FIN Detail

FIN:	ENG	Name:	AUXILIARY ENGINE
Group:	COMBUSTN	Profile:	I.C. ENGINE
SCC Code:	20300101	SCC Name:	INTERNAL COMBUSTION
		SCC Description:	COMMERCL-INSTUTNLDIST.OIL/DIESEL RECIPROCATING

Verify or update new value and save.

Attribute Name	Previous Value	New Value
Status Code	A	* A - ACTIVE
Status Date (MM/DD/YYYY)	01/01/2006	* 01/01/2006
Hours Per Day	24	* 24
Days Per Week	7	* 7
Weeks Per Year	52	* 52
Annual Operating Hours	8	* 8
Spring Percentage	25	* 25
Summer Percentage	25	* 25
Fall Percentage	25	* 25
Winter Percentage	25	* 25
Plant ID	COMPRESSOR	COMPRESSOR

Verify or update new value and save.

Attribute Name	Previous Value	New Value
Status Code	A	* A - ACTIVE
Status Date (MM/DD/YYYY)	01/01/2006	* 01/01/2006
Hours Per Day	24	* 24
Days Per Week	7	* 7
Weeks Per Year	52	* 52
Annual Operating Hours	8	* 8
Spring Percentage	25	* 25
Summer Percentage	25	* 25
Fall Percentage	25	* 25
Winter Percentage	25	* 25
Plant ID	COMPRESSOR	COMPRESSOR
Percent Maximum Capacity	1	* 1
Start Time	0	* 0
Firing Type	OT	* OT - OTHER
2 or 4 Cycle (CYCLE)	4	* 4
Burn Type	RICH	* RICH - RICH BURN ENGINE
Engine Rating (HP)	300	* 300
Total Annual Aggregate Heat Input (MMBTU)		
NOx Emissions Factor		
Comment		

Save Cancel

* Mandatory field



RN Number:	RN100226794	Current Emissions Inventory Year:	2017
Account Number:	AF0010F	Last Emissions Inventory Year:	2016
Site Name:	IMAGINARY BUSINESS LOCATION	Emissions Inventory Status:	EXTRACTED
Organization Name:	NOT A REAL COMPANY LLC		

Select a Table Name from the drop down to select report section to be updated.

Table Name

ACCOUNT-SITE v
ACCOUNT-SITE
FIN
EPN
CIN
EMISSION
ADD PATH



RN Number:	RN100226794	Current Emissions Inventory Year:	2017
Account Number:	AF0010F	Last Emissions Inventory Year:	2016
Site Name:	IMAGINARY BUSINESS LOCATION	Emissions Inventory Status:	EXTRACTED
Organization Name:	NOT A REAL COMPANY LLC		

Select a FIN or an EPN to update Path Emissions.

1-5 of 5 Records

FIN ▲	FIN Name	EPN	EPN Name	CIN	Work Area	Status	Remove
BLOWDOWN	EMERGENCY BLOWDOWN VENT	BLOWDOWN	BLOWDOWN	N			
ENG	AUXILIARY ENGINE	A-1	AUXILIARY STACK	N			
FUG	AREA FUGITIVES	FUG	AREA FUGITIVES	N			
TANK	CONDENSATE TANK	TANK	TANK STACK	N			
TURB	COMPRESSOR TURBINE	T-1	TURBINE STACK	N			

Cancel



RN Number:	RN100226794	Current Emissions Inventory Year:	2017
Account Number:	AF0010F	Last Emissions Inventory Year:	2016
Site Name:	IMAGINARY BUSINESS LOCATION	Emissions Inventory Status:	EXTRACTED
Organization Name:	NOT A REAL COMPANY LLC		

Emissions Detail

FIN:	ENG	Name:	AUXILIARY ENGINE
EPN:	A-1	Name:	AUXILIARY STACK

7 Contaminant(s) Exist.

Emissions for all contaminants must be updated. Click 'Rollover' if emissions are unchanged from previous value. Only newly added contaminants may be removed.

Code	Contaminant	Determination Method	Previous Annual (TPY)	Annual (TPY)	Previous Ozone (PPD)	Ozone (PPD)	SMSS (TPY)	EE (TPY)	Remove
10000	PART-U	* AP-42	0.0021	*	0	*	0	*	Rollover
20000	PM10 PART-U	* AP-42	0.0021	*	0	*	0	*	Rollover
39999	TOTAL PM2.5 PARTICULATE	* AP-42	0.0021	*	0	*	0	*	Rollover
50001	VOC-UNCLASSIFIED	* AP-42	0.014	*	0	*	0	*	Rollover
70400	NITROGEN OXIDES	* AP-42	0.0294	*	0	*	0	*	Rollover
70510	SULFUR DIOXIDE	* AP-42	0.0019	*	0	*	0	*	Rollover
90300	CARBON MONOXIDE	* AP-42	0.0063	*	0	*	0	*	Rollover

Add Contaminant Save Cancel

* Mandatory field



RN Number:	RN100226794	Current Emissions Inventory Year:	2017
Account Number:	AF0010F	Last Emissions Inventory Year:	2016
Site Name:	IMAGINARY BUSINESS LOCATION	Emissions Inventory Status:	EXTRACTED
Organization Name:	NOT A REAL COMPANY LLC		

Current STARS Emissions Inventory Contact :

Name: **ADAM BULLOCK**
Title:
Mailing Address: **12100 PARK 35 CIR
BLDG E
AUSTIN, TX 78753**
Phone: **512-239-5155**
Fax: **512-239-1515**
Email: **adam.bullock@tceq.texas.gov**

Contact updates through STEERS-AEIR have been temporarily disabled.
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RN Number: RN100226794
Account Number: AF0010F
Site Name: IMAGINARY BUSINESS LOCATION
Organization Name: NOT A REAL COMPANY LLC

Current Emissions Inventory Year: 2017
Last Emissions Inventory Year: 2016
Emissions Inventory Status: EXTRACTED

Press browse and select the file you want to upload. Then press the "Upload File" button. To be accepted, the file cannot exceed 13 MB in size, must be [ASCII text, Pipe delimited format](#), and the file name should be RN100226794_UPLOAD.txt. Imported files are placed in a queue to process.

File to be uploaded: No file chosen

Submitting EI Data

- The Web-EI submittal process starts at the AEIR work area (WA).
 - File Upload: users can only access the WA once an error-free file is imported.
 - EIQ Entry: users can access the WA at anytime.
Error messages are displayed for incomplete entry or other errors.
- Emissions totals are displayed once EI data is error free.
- Sample calculations and other supporting documents can be attached here.
- All users can access these portions of the WA.

Submitting EI Data (cont.)

- Only a user with submit authority may select one of two statements required regarding emissions events.
 - The selection must be completed just prior to submission.
 - The statement cannot be selected in advance and saved.
- Only a user with submit authority may click “Submit” and confirm submittal.
- **The portion of the WA described above can only be completed by a user with submit authority.**



RN Number:	RN100226794	Current Emissions Inventory Year:	2017
Account Number:	AF0010F	Last Emissions Inventory Year:	2016
Site Name:	IMAGINARY BUSINESS LOCATION	Emissions Inventory Status:	EXTRACTED
Organization Name:	NOT A REAL COMPANY LLC		

Current STARS Emissions Inventory Contact :

Name: **ADAM BULLOCK**
Title:
Mailing Address: **12100 PARK 35 CIR
BLDG E
AUSTIN, TX 78753**
Phone: **512-239-5155**
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Email: **adam.bullock@tceq.texas.gov**

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RN Number: RN100226794
Account Number: AF0010F
Site Name: IMAGINARY BUSINESS LOCATION
Organization Name: NOT A REAL COMPANY LLC

Current Emissions Inventory Year: 2017
Last Emissions Inventory Year: 2016
Emissions Inventory Status: EXTRACTED

Supporting document successfully attached.

CRITERIA EMISSIONS TOTALS

Class	Name	Annual (TPY)	Ozone (PPD)	SMSS (TPY)	EE (TPY)
PM2.5	PM2.5 EMISSIONS	1.5001	0.0000	0.0000	0.0000
VOC	VOLATILE ORGANIC COMPOUND EMISSIONS	13.6700	64.9000	9.5000	0.0000
CO	CARBON MONOXIDE EMISSIONS	3.2000	0.0000	0.0000	0.0000
NOX	OXIDES OF NITROGEN EMISSIONS	6.1000	0.0000	0.0000	0.0000
SO2	SULFUR DIOXIDE EMISSIONS	0.5000	0.0000	0.0000	0.0000
PB	LEAD EMISSIONS	0.0000	0.0000	0.0000	0.0000
PM10	PM10 EMISSIONS	1.5001	0.0000	0.0000	0.0000

Criteria emissions totals based on data loaded into STEERS by an authorized STEERS user.

SITE QUANTIFIABLE EVENT TOTALS

Reportable Emission Events: 0

Non-Reportable Emission Events: 0

Reportable Scheduled Maintenance, Startup, or Shutdown Activities: 0

Non-Reportable Scheduled Maintenance, Startup, or Shutdown Activities: 19

Excess Opacity Events: 0

Attach Supporting Document(s): Please limit files to 30 MB in size.

After browsing to and choosing a file click the attach button.

Under no circumstances should CONFIDENTIAL information be attached.

Confidential information should be mailed separately.

Attach: No file chosen

Attached: [Sample Calculations.xlsx](#) 

(clicking on a link above will open a new window)

Review Work Area Records

Table Name

Submit Emissions Inventory

Emissions Events were experienced at RN100226794

No Emissions Events were experienced at RN100226794

RN Number: RN100226794
Account Number: AF0010F
Site Name: IMAGINARY BUSINESS LOCATION
Organization Name: NOT A REAL COMPANY LLC

Current Emissions Inventory Year: 2017
Last Emissions Inventory Year: 2016
Emissions Inventory Status: EXTRACTED

CRITERIA EMISSIONS TOTALS

Class	Name	Annual (TPY)	Ozone (PPD)	SMSS (TPY)	EE (TPY)
PM2.5	PM2.5 EMISSIONS	1.5001	0.0000	0.0000	0.0000
VOC	VOLATILE ORGANIC COMPOUND EMISSIONS	13.6700	64.9000	9.5000	0.0000
CO	CARBON MONOXIDE EMISSIONS	3.2000	0.0000	0.0000	0.0000
NOX	OXIDES OF NITROGEN EMISSIONS	6.1000	0.0000	0.0000	0.0000
SO2	SULFUR DIOXIDE EMISSIONS	0.5000	0.0000	0.0000	0.0000
PB	LEAD EMISSIONS	0.0000	0.0000	0.0000	0.0000
PM10	PM10 EMISSIONS	1.5001	0.0000	0.0000	0.0000

Criteria emissions totals based on data loaded into STEERS by an authorized STEERS user.

SITE QUANTIFIABLE EVENT TOTALS

Reportable Emission Events: 0
 Non-Reportable Emission Events: 0
 Reportable Scheduled Maintenance, Startup, or Shutdown Activities: 0
 Non-Reportable Scheduled Maintenance, Startup, or Shutdown Activities: 19
 Excess Opacity Events: 0

Attached Supporting Document(s)

File Name	Hash	Mime-Type
Sample Calculations.xlsx	2E673B828873808A08363C688847755BC98D127C8DA91C92E97803568CA24620	application/xlsx

(clicking on a link above will open a new window)

I certify that the information submitted is complete and accurate to the best of my knowledge. By entering my password and pressing the "Confirm Submit" button, I agree that:

1. I am David Bulloch I, the owner of the STEERS account ER001175.
2. I have the authority to submit this data on behalf of RN100226794, IMAGINARY BUSINESS LOCATION.
3. I further certify that I have not violated any term in my TCEQ STEERS participation agreement and that I have no reason to believe that the confidentiality or use of my password has been compromised at any time.
4. I understand that use of my password constitutes an electronic signature legally equivalent to my written signature.
5. I am knowingly and intentionally submitting 155 records. I have personally examined the foregoing and am familiar with its content and the content of any attachments.
6. I also understand that the attestations of fact contained herein pertain to the implementation, oversight and enforcement of a federal environmental program and must be true and complete to the best of my knowledge.
7. I am aware that criminal penalties may be imposed for statements or omissions that I know or have reason to believe are untrue or misleading.
8. I do hereby certify that information reported in this inventory is true, accurate, and fully represents the emissions that occurred during the Emissions Inventory Reporting Year to the best of my knowledge.

[Emissions Inventory Records 1 to 155](#) (This will open a new window)

Password:

Note on Confidential Information

- Do not attach **confidential** information to STEERS.
- Do not email **confidential** information.
- Submit Confidential information through the secure File Transfer Protocol (FTPS) web page, mail, or hand deliver.
- EAS prefers that confidential information is securely transmitted through the TCEQ FTPS web page <https://ftps.tceq.texas.gov/>
 - Upload and share with psdocument@tceq.texas.gov.
 - Please contact the EAS helpline if you need assistance.

What Happens After Submittal

- The submitted EI is queued for processing by the State of Texas Air Reporting System (STARS).
Processing occurs daily at 6 PM.
- All AEIR users associated with the RN will receive an email after the following steps:
 - Submission: The email confirms the EI was submitted.
 - STARS processing:
 - If the email states “RECEIVED”, the submittal was received without errors.
 - If the email states “FAILED”, then contact the EAS.

Common Questions and Items to Note: Web-EI

- Access issues
 - Check the “My Account” section in STEERS
 - Items on probation
 - Missing program area access
 - Specific RN(s) not part of program area access
 - Updating user account or submitting SPA may address the above issues
- Web-EI issues: may need to contact EAS
 - Missing options
 - Portions not accessible
 - Unknown errors

Contact Information

- EAS helpline: Monday-Friday, 8 AM to 5 PM
 - (512) 239-1773
 - psinvent@tceq.texas.gov
- STEERS (non web-EI questions):
 - steers@tceq.texas.gov
 - (512) 239-6925
- Adam Bullock, Technical Specialist
adam.bullock@tceq.texas.gov
- Tim Vinciguerra, Ph.D., Emissions Inventory Specialist
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