

Inputs Verifier Tool (IVT) Prototype

September 2013

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- Setting Up Your Facility
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- Saving an Inputs File

About the Inputs Verifier Tool Prototype

- EPA issued the proposed rule "Revisions to Reporting and Recordkeeping Requirements, and Proposed Confidentiality Determinations under the Greenhouse Gas Reporting Program" [78 FR 55993] on September 11, 2013.
- In this action, EPA proposed requiring the use of an Inputs Verifier Tool (IVT) within the electronic Greenhouse Gas Reporting Tool (e-GGRT) for reporters using inputs to equations to calculate emissions under certain subparts.
- EPA has developed a prototype of the IVT for the mass balance methodology of Subpart X (Petrochemical Production).
- This prototype demonstrates how the IVT would operate within e-GGRT as well as the types of verification checks that it would perform.
- This IVP prototype will be available for use from the day that the proposed rule is published in the *Federal Register* until the comment period for the rule closes.
- This document provides information on how to use the Inputs Verifier Tool Prototype.

About the Inputs Verifier Tool Prototype (continued)

This prototype is for demonstration purposes only. Please be mindful of the information that you enter into the prototype. When the comment period for the proposed rulemaking ends, you will no longer have access to any information that you entered. In addition, information entered into this prototype (with the exception of equation inputs data, which is NOT saved by the software) could be subject to disclosure pursuant to the Freedom of Information Act. As a result, only hypothetical data should be entered into this prototype.

Setting Up Your Account

You must create a new account specific to the IVT prototype: you cannot use an existing e-GGRT account.

1. Go to <http://sandbox.ccdsupport.com/ghg/login.do>.
2. Click the **REQUEST PROTOTYPE ACCOUNT** button.

The screenshot shows the EPA's Inputs Verifier Prototype website. The header includes the EPA logo and the text "United States Environmental Protection Agency". To the right, it says "e-GGRT Electronic Greenhouse Gas Reporting Tool" and "Inputs Verifier PROTOTYPE". A navigation menu on the left includes "e-GGRT Help", "Inputs Verifier Tool Prototype help", "About the Inputs Verifier Tool", and "Prototype Help Desk Contact Information".

The main content area is titled "Welcome to EPA's Inputs Verifier Prototype". It contains a section for "Inputs Verification Tool Prototype" with the following text: "This prototype supports the proposed rule 'Revisions to Reporting and Recordkeeping Requirements, and Proposed Confidentiality Determinations under the Greenhouse Gas Reporting Program', 78 FR 55993, 9/11/13. In this proposed action, EPA proposed the use of an inputs verification tool as part of the verification process for certain calculation methodologies in 24 subparts of the Greenhouse Gas Reporting Program. This prototype demonstrates the functionality of the inputs verification tool using a sample methodology from a sample subpart, the mass balance methodology in subpart X, Petrochemical Production." Below this is a note: "All comments on the proposed rulemaking, including the inputs verification tool, must be submitted to the docket for this rulemaking (docket number EPA-HQ-OAR-2010-0929) following the instructions in the proposed rule." A link states: "Additional information is available, including a complete list of these subparts."

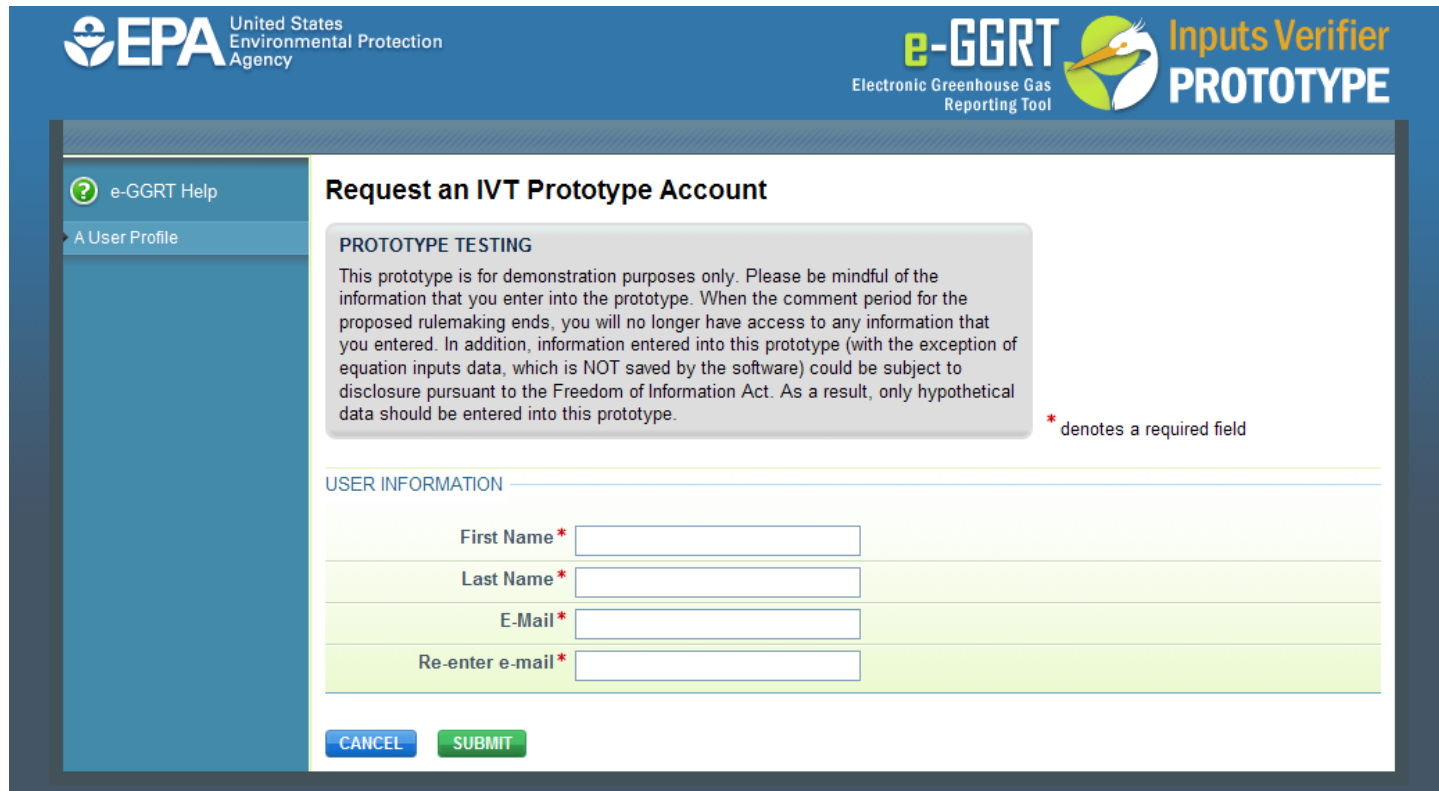
On the right side, there is a "IVT PROTOTYPE LOGIN" section with "User Name:" and "Password:" input fields, and a "PROTOTYPE LOGIN" button. Below this is a section titled "Request an Account for the EPA 'Prototype' Test Environment" with the text: "If you are interested in exploring the Inputs Verification Tool Prototype, use the REQUEST PROTOTYPE ACCOUNT button to register." A red box highlights the "REQUEST PROTOTYPE ACCOUNT" button, with a red arrow pointing to it.

At the bottom right, there is a yellow box titled "Existing e-GGRT Account Holders:" with the text: "You must request a prototype account to log-in here. Your e-GGRT credentials are NOT valid for the Inputs Verification Tool Prototype."

A "Warning Notice" section at the bottom left states: "Prototype stakeholder testing is for authorized use only. Data in the prototype system is for testing purposes only and will not be accessible to the user once the testing period closes. All submitted information may be monitored, recorded, read, copied, and disclosed by and to authorized personnel. Access or use of this computer system by any person, whether authorized or unauthorized, constitutes consent to these terms."

Setting Up Your Account (continued)

3. Fill in all of the information on the page, then click the **SUBMIT** button.



The screenshot shows the EPA e-GGRT Inputs Verifier PROTOTYPE interface. The header includes the EPA logo and the text "United States Environmental Protection Agency" on the left, and the "e-GGRT Electronic Greenhouse Gas Reporting Tool" logo and "Inputs Verifier PROTOTYPE" logo on the right. A left sidebar contains "e-GGRT Help" and "A User Profile". The main content area is titled "Request an IVT Prototype Account". A grey box contains a "PROTOTYPE TESTING" warning: "This prototype is for demonstration purposes only. Please be mindful of the information that you enter into the prototype. When the comment period for the proposed rulemaking ends, you will no longer have access to any information that you entered. In addition, information entered into this prototype (with the exception of equation inputs data, which is NOT saved by the software) could be subject to disclosure pursuant to the Freedom of Information Act. As a result, only hypothetical data should be entered into this prototype." A red asterisk indicates that fields marked with an asterisk are required. Below the warning is a "USER INFORMATION" section with four input fields: "First Name*", "Last Name*", "E-Mail*", and "Re-enter e-mail*". At the bottom are "CANCEL" and "SUBMIT" buttons.

EPA United States Environmental Protection Agency

e-GGRT Electronic Greenhouse Gas Reporting Tool

Inputs Verifier PROTOTYPE

Request an IVT Prototype Account

PROTOTYPE TESTING

This prototype is for demonstration purposes only. Please be mindful of the information that you enter into the prototype. When the comment period for the proposed rulemaking ends, you will no longer have access to any information that you entered. In addition, information entered into this prototype (with the exception of equation inputs data, which is NOT saved by the software) could be subject to disclosure pursuant to the Freedom of Information Act. As a result, only hypothetical data should be entered into this prototype.

* denotes a required field

USER INFORMATION

First Name*

Last Name*

E-Mail*

Re-enter e-mail*

CANCEL **SUBMIT**

Setting Up Your Account (continued)

- The IVT prototype will generate a user ID, password, and a hypothetical facility. The user ID and password will be sent to you in an e-mail message from eGGRT@ccdsupport.com.

Thank you for registering to use the Inputs Verification Tool Prototype. EPA developed this prototype to demonstrate the capability and functionality of the Inputs Verification Tool, which was proposed in "Revisions to Reporting and Recordkeeping Requirements, and Proposed Confidentiality Determinations under the Greenhouse Gas Reporting Program.", issued on September 11, 2013. You have been assigned the following user account:

User Name: [REDACTED]
Password: [REDACTED]

You have been assigned an account which can be used between now and November 12, 2013, the day that the comment period for this proposed rule closes.

This prototype is for demonstration purposes only. Please be mindful of the information that you enter into the prototype. When the comment period for the proposed rulemaking ends, you will no longer have access to any information that you entered. In addition, information entered into this prototype (with the exception of equation inputs data, which is NOT saved by the software) could be subject to disclosure pursuant to the Freedom of Information Act. As a result, only hypothetical data should be entered into this prototype.

If you believe you received this message in error, or have questions, please contact the Help Desk at sandbox@ccdsupport.com, or by calling 1-877-444-1188, Monday through Friday during regular business hours.

This email sent from the SANDBOX environment (<http://sandbox.ccdsupport.com>)
20043
41178

Setting Up Your Account (continued)

5. To log in to the IVT prototype, go to <http://sandbox.ccdsupport.com/ghg/login.do>.

The IVT prototype *Login* page is displayed.

EPA United States Environmental Protection Agency

e-GGRT Electronic Greenhouse Gas Reporting Tool

Inputs Verifier PROTOTYPE

e-GGRT Help

- Inputs Verifier Tool Prototype help
- About the Inputs Verifier Tool
- Prototype Help Desk Contact Information

Welcome to EPA's Inputs Verifier Prototype

Inputs Verification Tool Prototype

This prototype supports the proposed rule "Revisions to Reporting and Recordkeeping Requirements, and Proposed Confidentiality Determinations under the Greenhouse Gas Reporting Program", [78 FR 55993, 9/11/13](#). In this proposed action, EPA proposed the use of an inputs verification tool as part of the verification process for certain calculation methodologies in 24 subparts of the Greenhouse Gas Reporting Program. This prototype demonstrates the functionality of the inputs verification tool using a sample methodology from a sample subpart, the mass balance methodology in subpart X, Petrochemical Production.

All comments on the proposed rulemaking, including the inputs verification tool, must be submitted to the docket for this rulemaking (docket number EPA-HQ-OAR-2010-0929) following the instructions in the proposed rule.

[Additional information is available](#), including a complete list of these subparts.

Warning Notice

Prototype stakeholder testing is for authorized use only. Data in the prototype system is for testing purposes only and will not be accessible to the user once the testing period closes. All submitted information may be monitored, recorded, read, copied, and disclosed by and to authorized personnel. Access or use of this computer system by any person, whether authorized or unauthorized, constitutes consent to these terms.

IVT PROTOTYPE LOGIN

User Name:

Password:

PROTOTYPE LOGIN

Request an Account for the EPA "Prototype" Test Environment

If you are interested in exploring the Inputs Verification Tool Prototype, use the **REQUEST PROTOTYPE ACCOUNT** button to register.

REQUEST PROTOTYPE ACCOUNT

Existing e-GGRT Account Holders:

You must request a prototype account to log-in here. Your e-GGRT credentials are NOT valid for the Inputs Verification Tool Prototype.

Setting Up Your Account (continued)

6. In the **IVT PROTOTYPE LOGIN** box, enter the user ID and password that were sent to you via e-mail. Enter the user ID in the **User Name** field and the password in the **Password** field, then click the **PROTOTYPE LOGIN** button.

The screenshot shows the EPA e-GGRT Inputs Verifier PROTOTYPE interface. The header includes the EPA logo and the text "United States Environmental Protection Agency" on the left, and "e-GGRT Electronic Greenhouse Gas Reporting Tool" and "Inputs Verifier PROTOTYPE" on the right. A left sidebar contains a "e-GGRT Help" section with links for "Inputs Verifier Tool Prototype help", "About the Inputs Verifier Tool", and "Prototype Help Desk Contact Information". The main content area is titled "Welcome to EPA's Inputs Verifier Prototype" and contains a section for "Inputs Verification Tool Prototype" with a detailed description of the tool's purpose and a "Warning Notice" at the bottom. On the right side, there is a "IVT PROTOTYPE LOGIN" form with two input fields: "User Name:" containing "SANDBOX114v72t" and "Password:" containing a masked password. Below the form is a green "PROTOTYPE LOGIN" button. Further down, there is a section titled "Request an Account for the EPA 'Prototype' Test Environment" with a "REQUEST PROTOTYPE ACCOUNT" button. At the bottom right, a yellow box titled "Existing e-GGRT Account Holders:" contains text stating that existing users must request a prototype account to log in.

United States Environmental Protection Agency

e-GGRT Electronic Greenhouse Gas Reporting Tool

Inputs Verifier PROTOTYPE

IVT PROTOTYPE LOGIN

User Name: SANDBOX114v72t

Password: ●●●●●●

PROTOTYPE LOGIN

Request an Account for the EPA "Prototype" Test Environment

If you are interested in exploring the Inputs Verification Tool Prototype, use the REQUEST PROTOTYPE ACCOUNT button to register.

REQUEST PROTOTYPE ACCOUNT

Existing e-GGRT Account Holders:

You must request a prototype account to log-in here. Your e-GGRT credentials are NOT valid for the Inputs Verification Tool Prototype.

Setting Up Your Account (continued)

The screenshot displays the EPA e-GGRT Inputs Verifier PROTOTYPE web interface. The header includes the EPA logo and the text "United States Environmental Protection Agency". Navigation tabs for "HOME" and "DATA REPORTING" are visible. The user is logged in as "Laurel Snapper" with options for "My Profile" and "Logout".

The main content area is titled "ACCESS YOUR FACILITIES:" and contains a table with the following data:

| Facility or Supplier | Your Role |
|----------------------|-----------|
| Test Facility 110 | DR |

The left sidebar contains the following links:

- e-GGRT Help
- Inputs Verifier Tool Prototype Help
- Using the IVT Prototype for Petrochemical Production (Subpart X)
- Prototype Help Desk Contact Information

The right sidebar contains "e-GGRT Announcements" with the following text:

Welcome to the Inputs Verifier Prototype. This prototype supports the proposed rule "Revisions to Reporting and Recordkeeping Requirements, and Proposed Confidentiality Determinations under the Greenhouse Gas Reporting Program", 78 FR 55993, 9/11/13. In this proposed action, EPA proposed the use of an inputs verification tool as part of the verification process for certain calculation methodologies in 24 subparts of the Greenhouse Gas Reporting Program. This prototype demonstrates the functionality of the inputs verification tool using a sample subpart, subpart X, Petrochemical Production: mass balance methodology.

This prototype will be available until the close of the comment period, November 12, 2013. All comments on the proposed rulemaking, including the inputs verification tool, must be submitted to the docket for this rulemaking (docket number EPA-HQ-OAR-2010-0929) following the instructions in the proposed rule.

7. The *HOME* tab will be displayed, listing the test facility assigned to your account by the IVT prototype.

Setting Up Your Facility

1. After logging into the IVT prototype, click the *DATA REPORTING* tab to initiate entering data. The *Select Facility* page will be displayed.

The screenshot shows the EPA e-GGRT Inputs Verifier PROTOTYPE interface. The top navigation bar includes the EPA logo, the text 'United States Environmental Protection Agency', and the 'e-GGRT Electronic Greenhouse Gas Reporting Tool' logo. The 'DATA REPORTING' tab is selected. A sidebar on the left contains 'e-GGRT Help', 'General Reporting Information', and 'About the Data Reporting Tab'. The main content area is titled 'Inputs Verifier Prototype: e-GGRT Greenhouse Gas Data Reporting (2014)' and 'Select Facility'. It features a text box explaining that users must select a facility to use the prototype features. To the right is a 'REPORTING YEAR' dropdown menu set to '2014' with a 'GO' button. Below this is a table titled 'FACILITIES REPORTING for 2014'.

| GHGRP ID | Facility or Supplier | Annual Report Status | Facility Overview |
|----------|---------------------------------|----------------------|----------------------|
| 514586 | Test Facility 117 (Anytown, AL) | Ready for review | OPEN |

Note: In the IVT prototype, data entry is limited to your assigned test facility and to reporting year 2014. On the *Select Facility* page, the REPORTING YEAR dropdown list will contain only “2014”.

Setting Up Your Facility (continued)

2. Click the **OPEN** button to the right of your assigned facility.

United States Environmental Protection Agency

e-GGRT Electronic Greenhouse Gas Reporting Tool

Inputs Verifier PROTOTYPE

HOME DATA REPORTING

Hello, [User Name] | My Profile | Logout

e-GGRT Help

- General Reporting Information
- About the Data Reporting Tab

Inputs Verifier Prototype: e-GGRT Greenhouse Gas Data Reporting (2014)

Select Facility

ANNUAL GHG DATA REPORTING

In order to test this prototype, you must select a facility. Once you have selected a facility, you may begin using the prototype features, which include: entering data to be reported in the annual report, entering data into the inputs verification tool, and viewing the inputs verification tool summary and file generated for recordkeeping purposes.

REPORTING YEAR

2014

FACILITIES REPORTING for 2014

| GHGRP ID | Facility or Supplier | Annual Report Status | Facility Overview |
|----------|---------------------------------|----------------------|-------------------------------------|
| 514578 | Test Facility 110 (Anytown, AL) | Not generated | <input type="button" value="OPEN"/> |

FACILITIES NOT REPORTING for 2014

| GHGRP ID | Facility or Supplier | Not Reporting Reason |
|----------|----------------------|----------------------|
|----------|----------------------|----------------------|

The *Facility or Supplier Overview* page will be displayed for the facility.

Setting Up Your Facility (continued)

Test Facility 110

Inputs Verifier Prototype: e-GGRT Greenhouse Gas Data Reporting (2014)

Select Facility » [Facility](#) or [Supplier Overview](#)

FACILITY OR SUPPLIER OVERVIEW

This page allows you to add the source and/or supplier categories for which your facility or supplier will be reporting, then to access those data reporting screens using the OPEN buttons. In order to test this prototype, you must select subpart X, petrochemical production.

Note that for prototype testing, you will not actually be able to submit an annual report to EPA.

Facility's GHG Reporting Method: Data entry via e-GGRT web-forms ([Change](#))

| | |
|--|----------------------|
| | <input type="text"/> |
| CO2 equivalent emissions from facility subparts C-II, SS, and TT (metric tons) | |
| | <input type="text"/> |
| Biogenic CO2 emissions from facility subparts C-II, SS, and TT (metric tons) | |
| | <input type="text"/> |
| CO2 equivalent emissions from supplier subparts LL-QQ (metric tons) | |
| VIEW GHG DETAILS | |

3. To add a Subpart to your facility, click **ADD** or **REMOVE** Subparts.

REPORT DATA

| 2014 Reporting Source or Supplier Category | Validation Messages? | Subpart Reporting |
|--|-------------------------------|----------------------|
| Subpart A—General Information | View Messages | OPEN |

[+ ADD or REMOVE Subparts](#)

If all subparts are completed and Validation Messages addressed to your satisfaction, you are ready to prepare and submit an Annual Report.

SUBMIT ANNUAL REPORT

| Report | Uploaded File Name | Status | Submitted Date | Certification Date | |
|--------|--------------------|--------|----------------|--------------------|-------------------------------------|
| | | | | | GENERATE / RESUBMIT |

Setting Up Your Facility (continued)

4. On the *Subpart Selection* page, select the checkbox for **X—Petrochemical Production**, then click **SAVE**.

The screenshot shows the EPA e-GGRT Inputs Verifier Prototype interface. The header includes the EPA logo and the text 'United States Environmental Protection Agency'. The navigation bar has 'HOME' and 'DATA REPORTING' tabs. The user is logged in as 'Hello, Laurel Snapper | My Profile | Logout'. The main content area is titled 'Test Facility 110' and 'Inputs Verifier Prototype: e-GGRT Greenhouse Gas Data Reporting (2014)'. The breadcrumb trail is 'Select Facility » Facility Overview » Subpart Selection'. The 'SUBPART SELECTION' section contains a message: 'EPA developed this prototype to demonstrate the capability and functionality of the Inputs Verifier Tool. The subpart used for this prototype is Petrochemical Production, Subpart X. To explore the functionality of the Inputs Verification Tool, please select Subpart X below.' Under 'FACILITY SUBPARTS', the checkbox for 'X—Petrochemical Production' is checked. At the bottom are 'CANCEL' and 'SAVE' buttons.

Note: The IVT Prototype is limited to the mass balance methodology of Subpart X (Petrochemical Production).

Example Process Unit – Carbon Black

Subpart X (Petrochemical Production), mass balance methodology requires that facilities enter information on each process unit. This example provides sample hypothetical data for a process unit that produces carbon black. This sample data will not result in verification warnings.

Step 1: On the *Facility Overview* page, click **OPEN** for Subpart X.


Select Facility » Facility or Supplier Overview


FACILITY OR SUPPLIER OVERVIEW


This page allows you to add the source and/or supplier categories for which your facility or supplier will be reporting, then to access those data reporting screens using the OPEN buttons. In order to test this prototype, you must select subpart X, petrochemical production.


Note that for prototype testing, you will not actually be able to submit an annual report to EPA.

Facility's GHG Reporting Method: Data entry via e-GGRT web-forms ([Change](#))

 **The Annual Report has already been prepared.** Any changes you make to report data will not be reflected in that version. After making changes to report data you must choose GENERATE/RESUBMIT below, then click GENERATE REPORT for those changes to be included in an updated version of the Annual Report.


CO₂ equivalent emissions from facility subparts C-II, SS, and TT (metric tons)


Biogenic CO₂ emissions from facility subparts C-II, SS, and TT (metric tons)


CO₂ equivalent emissions from supplier subparts LL-QQ (metric tons)

[VIEW GHG DETAILS](#)

REPORT DATA

| 2014 Reporting Source or Supplier Category | Validation Messages? | Subpart Reporting |
|--|----------------------|----------------------|
| Subpart A—General Information | None | OPEN |
| Subpart X—Petrochemical Production | None | OPEN |

[+](#) ADD or REMOVE Subparts




Example Process Unit – Carbon Black



Step 2: On the *Subpart Overview* page, click **ADD a Process Unit**.

Test Facility 117
Inputs Verifier Prototype - Subpart X: Petrochemical Production - Mass Balance Methodology (2014)
Subpart Overview



OVERVIEW OF SUBPART REPORTING REQUIREMENTS
Subpart X requires affected facilities to report Greenhouse gases (GHG) from each petrochemical process unit. In order to use this prototype, first use this page to identify each petrochemical process unit, and then enter sample GHG data required by Subpart X. For additional information about Subpart X reporting, please use the e-GGRT Help links provided.

 **Subpart X: No Validation Messages**

FACILITY'S INPUTS VERIFIER FILE [What is the Inputs Verifier File?](#)

 **Inputs Data Not Saved** Last Exported File: 514586-Test_Facility_117-2014.xml
 [Save Inputs Data Locally](#) Exported By (Date): (August 30, 2013 10:14:54 AM)

PETROCHEMICAL PROCESS UNITS

| Name/ID | CO ₂ (metric tons) | Status ¹ | | Delete |
|--|-------------------------------|---------------------|----------------------|---|
|  Test | 1,232.0 | Complete | OPEN |  |
| + ADD a Process Unit | | | | |

Example Process Unit – Carbon Black

Step 3: On the *Process Unit Methodology* page, click the **NEXT** button. "Mass Methodology" is the only option in the IVT prototype.

[Subpart Overview](#) » [Add/Edit a Petrochemical Process Unit](#) » **CEMS**

CONTINUOUS EMISSIONS MONITORING SYSTEMS (CEMS)

Please indicate whether or not the emissions for this petrochemical process unit are measured by a CEMS or, if not, the methodology used to monitor the emissions. For additional information about reporting CEMS emissions, please use the e-GGRT Help link(s) provided.

* denotes a field required to advance within e-GGRT

FACILITY'S INPUTS VERIFIER FILE [What is the Inputs Verifier File?](#)

Inputs Data Not Saved* [Save Inputs Data Locally](#) Last Exported File: 514586-Test_Facility_117-2014.xml
Exported By (Date): [REDACTED] (August 30, 2013 10:14:54 AM)

METHODOLOGY USED

Note: This prototype is limited to the mass methodology.

Please select the methodology that is used to monitor this petrochemical process unit's emissions?

CEMS Methodology (Note: This methodology must be selected if certain criteria are met. See Help for details.)

Mass Methodology

Ethylene Methodology

CANCEL **NEXT→**

Example Process Unit – Carbon Black

Step 4: On the Process Unit information page, type an entry in the **Name or ID** field. Select "Carbon Black" from the **Type of petrochemical produced** dropdown list. In the **Combustion Configurations** field, type "None". Click **SAVE**.

Inputs Data Not Saved Last Exported File: 514586-Test_Facility_117-2011-08-30-11-11-11
Save Inputs Data Locally Exported By (Date): [REDACTED] (August 30, 2011)

Name or ID* (40 characters)

Description

Type Petrochemical Process Unit

-PETROCHEMICAL PRODUCED-

Type of petrochemical produced ▼


- Select
- Methanol
- Carbon Black**
- Acrylonitrile
- Ethylene dichloride
- Ethylene oxide
- Ethylene

Example Process Unit – Carbon Black



Step 5: On the Subpart Overview page, click the **OPEN** button for the process unit.

Test Facility 117
Inputs Verifier Prototype - Subpart X: Petrochemical Production - Mass Balance Methodology (2014)
Subpart Overview




OVERVIEW OF SUBPART REPORTING REQUIREMENTS
Subpart X requires affected facilities to report Greenhouse gases (GHG) from each petrochemical process unit. In order to use this prototype, first use this page to identify each petrochemical process unit, and then enter sample GHG data required by Subpart X. For additional information about Subpart X reporting, please use the e-GGRT Help links provided.


 **Subpart X: No Validation Messages**

FACILITY'S INPUTS VERIFIER FILE [What is the Inputs Verifier File?](#)

 **Inputs Data Not Saved** Last Exported File: 514586-Test_Facility_117-2014.xml
 [Save Inputs Data Locally](#) Exported By (Date): ██████████ (August 30, 2013 10:14:54 AM)

PETROCHEMICAL PROCESS UNITS

| Name/ID | CO ₂ (metric tons) | Status ¹ | | Delete |
|--|-------------------------------|---------------------|---|---|
|  Test | 1,232.0 | Complete |  |  |

 [ADD a Process Unit](#)

Example Process Unit – Carbon Black

Step 6a: On the Process Unit data page, click **ADD a Feedstock**.

Process Unit Test

CARBON-CONTAINING FEEDSTOCKS

| Name | State | | Delete |
|-----------------------------------|--------|------|--------|
| Carbon Black Oil | liquid | OPEN | ✘ |
| + ADD a Feedstock | | | |

CARBON-CONTAINING PRODUCTS

| Name | State | | Delete |
|---------------------------------|-------|------|--------|
| Carbon Black | solid | OPEN | ✘ |
| + ADD a Product | | | |

- EQUATION X-4 SUMMARY AND RESULT -

$$\text{CO}_2 = 0.001 \times \frac{44}{12} \times (C_g + C_l + C_s)$$

Hover over an element in the equation above to reveal a definition of that element.

Example Process Unit – Carbon Black

Step 6b: On the Feedstock page, select "Carbon Black Oil" for **Name of Feedstock** and "liquid" for **State of Feedstock**, then click **SAVE**.

The screenshot displays the 'Inputs Verifier Prototype - Subpart Methodology (2014)' page. The 'PROCESS UNIT FEEDSTOCK INFORMATION' section contains instructions. Below this, the 'FACILITY'S INPUTS VERIFIER FILE' section shows a green checkmark for 'Inputs Data Loaded' and a 'Save Inputs Data Locally' button. The 'CARBON-CONTAINING FEEDSTOCK' section has two dropdown menus: 'Name of Feedstock*' and 'State of Feedstock*'. The 'Name of Feedstock*' dropdown is open, showing a list of feedstock options with 'Carbon Black Oil' selected. The 'State of Feedstock*' dropdown is also open, showing 'solid', 'liquid', and 'gaseous' options, with 'liquid' selected. A red box highlights the 'SAVE' button at the bottom left.

Test Facility 117
Inputs Verifier Prototype - Subpart Methodology (2014)
Subpart Overview » Add/Edit a Process Unit » Feedstock

PRODUCTION - Mass Balance

Use this page to identify the name and state of each feedstock for this process unit. For additional information about the Inputs Verifier File, please use the e-GGRT Help link(s) provided.

* denotes a field required to advance within e-GGRT

What is the Inputs Verifier File?

CARBON-CONTAINING FEEDSTOCK

Name of Feedstock*

State of Feedstock*

CANCEL **SAVE**

- Select
- Propylene
- Methanol
- Carbon Black Oil
- Vegetable oil
- Molasses
- Natural gas
- Diesel
- Ethylene
- Methane
- Ethyl chloride
- Ethylene dichloride
- Ethane
- Propane
- Butane
- Naphtha
- Ethane/propane mix
- Gas oil
- Natural Gas Liquids
- Coal
- Syngas
- Other

- Select
- solid
- liquid
- gaseous

Example Process Unit – Carbon Black

Step 7a: On the *Process Unit* Feedstocks and Products page, click **ADD a Product**.

Process Unit Test

CARBON-CONTAINING FEEDSTOCKS

| Name | State | | Delete |
|------------------|--------|----------------------|-------------------|
| Carbon Black Oil | liquid | OPEN | ✕ |

[+ ADD a Feedstock](#)

CARBON-CONTAINING PRODUCTS

| Name | State | | Delete |
|--------------|-------|----------------------|-------------------|
| Carbon Black | solid | OPEN | ✕ |

[+ ADD a Product](#)

- EQUATION X-4 SUMMARY AND RESULT -

$$\text{CO}_2 = 0.001 \times \frac{44}{12} \times (C_g + C_l + C_s)$$

Hover over an element in the equation above to reveal a definition of that element.

Example Process Unit – Carbon Black

Step 7b: On the *Product* page, select "Carbon Black" for **Name of Product** and "solid" for **State of Product**, then click **SAVE**.

Test Facility 117
Inputs Verifier Prototype - Subpart Methodology (2014)
Subpart Overview » Add/Edit a Process Unit » Product

PROCESS UNIT PRODUCT INFORMATION
Use this page to identify the name and state of each product from this process unit (both the petrochemical and any byproducts and liquid organic wastes). For additional information collected on this page, please use the e-GGRT Help page.

FACILITY'S INPUTS VERIFIER FILE
Inputs Data Loaded (Last Exported File: 14586-Test_Facility_117-2014.xml)
Save Inputs Data Locally (Exported By (Date): [redacted] (September 06, 2013 9:26:49 AM))

CARBON-CONTAINING PRODUCT

Name of Product* Carbon Black
State of Product* solid

SAVE

Example Process Unit – Carbon Black

Step 8: On the *Process Unit* Feedstocks and Products page, click **OPEN** for each listed feedstock and product to enter data, as shown in Steps 8a and 8b.

The screenshot displays the 'Process Unit Test' interface. It features two main sections: 'CARBON-CONTAINING FEEDSTOCKS' and 'CARBON-CONTAINING PRODUCTS'. Each section contains a table with columns for 'Name', 'State', and 'Delete'. In the 'FEEDSTOCKS' section, the entry 'Carbon Black Oil' (liquid) has an 'OPEN' button highlighted with a red box and a red arrow. In the 'PRODUCTS' section, the entry 'Carbon Black' (solid) also has an 'OPEN' button highlighted with a red box and a red arrow. Below these sections is a section titled '- EQUATION X-4 SUMMARY AND RESULT' which contains the chemical equation
$$\text{CO}_2 = 0.001 \times \frac{44}{12} \times (\text{C}_g + \text{C}_l + \text{C}_s)$$
 and a note: 'Hover over an element in the equation above to reveal a definition of that element.'

| Name | State | Delete |
|------------------|--------|---------------------------------------|
| Carbon Black Oil | liquid | <input type="button" value="OPEN"/> ✖ |

+ ADD a Feedstock

| Name | State | Delete |
|--------------|-------|---------------------------------------|
| Carbon Black | solid | <input type="button" value="OPEN"/> ✖ |

+ ADD a Product

- EQUATION X-4 SUMMARY AND RESULT

$$\text{CO}_2 = 0.001 \times \frac{44}{12} \times (\text{C}_g + \text{C}_l + \text{C}_s)$$

Hover over an element in the equation above to reveal a definition of that element.

Example Process Unit – Carbon Black

Step 8a – as shown in the following image:

- On the Feedstock Data page, type "1000" in the **Annual quantity of carbon-containing feedstock** field.
- Type "manufacturers recommended method" in both **Describe the weighing device...** fields.
- Under January, select "Flow Meter" for the **Volume or mass measurement method** field, then click **Make all months same**.
- Also under January, select "ASTMD 1945-03" for the **Carbon content or composition determination method** field, then click **Make all months same**.
- Click **SAVE**.

Example Process Unit – Carbon Black

Step 8a:

Annual quantity of carbon-containing feedstock (metric tons)

Available, dates for each process change that reduced the composition to less than 99.5%

WEIGHING DEVICE, FLOW METER, OR TANK LEVEL MEASUREMENT DETAILS

If a weighing device, flow meter, or tank level measurement device was used at any point during the year to measure the mass or volume of feedstock...

Describe the weighing device, flow meter, or tank level measurement device method of operation

Describe the weighing device, flow meter, or tank level measurement device calibration method

JANUARY

Volume or mass for month based on missing data procedure

Volume or mass measurement method

Make all months same

Carbon content or composition for month based on missing data procedure

Carbon content or composition determination method

Make all months same

Example Process Unit – Carbon Black

Step 8b – as shown in the following image:

- On the Product Data page, type "385" in the **Annual quantity of carbon-containing product** field.
- Type "manufacturers recommended method" in both **Describe the weighing device...** fields.
- Under January, select "Weighing Device" for the **Mass measurement method** field, then click **Make all months same**.
- Also under January, select "ASTMD 1945-03" for the **Carbon content or composition determination method** field, then click **Make all months same**.
- Click **SAVE**.

Example Process Unit – Carbon Black

Step 8b:

Annual quantity of carbon-containing product (metric tons)

, dates for each process reduced the composition to less than 99.5%

WEIGHING DEVICE, FLOW METER, OR TANK LEVEL MEASUREMENT DETAILS

If a weighing device, flow meter, or tank level measurement device was used at any point during the year to measure the mass or volume of product ...

Describe the weighing device, flow meter, or tank level measurement device method of operation

manufacturer's recommended method

Describe the weighing device, flow meter, or tank level measurement device calibration method

manufacturer's recommended method

JANUARY

Mass for month based on missing data procedure

Mass measurement method

Weighing device

Make all months same

Carbon content or composition for month based on missing data procedure

Carbon content or composition determination method

ASTM D1945-03

Make all months same

Entering Data in IVT

To enter sample data in the inputs verifier tool prototype, follow the steps below. They continue the example scenario started in the “Example Process Unit – Carbon Black” section above.

Step 1: On the *Process Unit Information* page, click the button labeled **Use Inputs Verifier to calculate | GO**.

- EQUATION X-4 SUMMARY AND RESULT

$$\text{CO}_2 = 0.001 \times \frac{44}{12} \times (C_g + C_l + C_s)$$

Hover over an element in the equation above to reveal a definition of that element.

Annual CO₂ mass emissions from process operations and process off-gas combustion (metric tons)

Use Inputs Verifier to calculate **GO**

Enter/Report Alternate Result

[Back to Overview](#) **SAVE**

This will open the IVT for the process unit, as shown on the next slide.

Entering Data in IVT (continued)

Test Facility 110

Inputs Verifier Prototype - Subpart X: Petrochemical Production - Mass Balance Methodology (2014)

[Subpart X Overview](#) » [Equation X-2 Feedstock Inputs](#)

EQUATION X-2 FEEDSTOCK INPUTS

Use this page to enter the inputs to equation X-2. The inputs to equations will be used for verification purposes only, and will not be stored by EPA. The results of the verification checks (the verification summary, viewable from the "Subpart Overview" page) will be stored by EPA. The user is required to enter volume and carbon content for each month.

Note: Screens in the IVT are clearly marked with a unique header.

FACILITY'S INPUTS VERIFIER FILE

[What is the Inputs Verifier File?](#)

✓ **Inputs Data Loaded**

Last Exported File: 514578-Test_Facility_110-2014.xml

 [Save Inputs Data Locally](#)

Exported By (Date): [User Name](#) (September 08, 2013 4:32:50 PM)

UNIT - FEEDSTOCK PRODUCT (1 OF 2)

Process Unit Carbon Black Test 01

Feedstock or Product Name (state)



Feedstock: Carbon Black Oil (liquid) ✓ all inputs entered

Product: Carbon Black (solid) ✓ all inputs entered

[Unit Summary](#)

[←PREV](#)

[NEXT→](#)

Equation Inputs:

JANUARY

Volume of liquid feedstock introduced in January

will not be stored by EPA

Average carbon content of liquid feedstock for January

will not be stored by EPA

Note: Every field for inputs to equations states that the data "will not be stored by EPA".




(kg C per gallon)

Entering Data in IVT (continued)

Step 2: On the Feedstock inputs page, enter "20000" for each **Volume of liquid feedstock introduced in...** field and "3.0" for each **Average carbon content of liquid feedstock for...** field. Click **SAVE**, then click **NEXT** or **Product: Carbon Black (solid)**.

UNIT - FEEDSTOCK PRODUCT (1 OF 2)

Process Unit Test

Feedstock or Product Name (state)  **Feedstock: Carbon Black Oil (liquid)**  all inputs entered
Product: Carbon Black (solid)  all inputs entered

[Unit Summary](#) [←PREV](#) [NEXT→](#)

Equation Inputs:

JANUARY

Volume of liquid feedstock introduced in January will not be stored by EPA

Average carbon content of liquid feedstock for January (kg C per gallon) will not be stored by EPA





In the average carbon content fields, type in a value between 3.0 to 4.3 kg C per gal

Entering Data in IVT (continued)

Step 3: On the Product inputs page, enter "32000" for each **Volume of liquid product introduced in...** field and "1.0" for each **Average carbon content of liquid product for...** field. Click **SAVE**.

UNIT - FEEDSTOCK PRODUCT (2 OF 2)

Process Unit Test

Feedstock or Product Name (state)  Feedstock: Carbon Black Oil (liquid)  all inputs entered
 Product: Carbon Black (solid)  all inputs entered

[Unit Summary](#) [←PREV](#) [NEXT→](#)

Equation Inputs:

JANUARY

| | | |
|---|--|--------------------------|
| Mass of solid product produced in January | <input type="text" value="32000"/> | |
| | <small>will not be stored by EPA</small> | |
| Average carbon content of solid product for January | <input type="text" value="1.0"/> | (kg C per kg of product) |
| | <small>will not be stored by EPA</small> | |

In the average carbon content fields, type in a value between 0.95 to 1.0 kg C per kg

Entering Data in IVT (continued)

Step 4: To view the annual CO₂ mass emissions calculated using your equation inputs, click **Unit Summary**. The Process Unit Feedstocks and Products page will be displayed, with the calculated value shown at the bottom of the page under “Equation X-4 Summary and Result”.

- EQUATION X-4 SUMMARY AND RESULT -

$$\text{CO}_2 = 0.001 \times \frac{44}{12} \times (C_g + C_l + C_s)$$

Hover over an element in the equation above to reveal a definition of that element.

| | |
|--|---|
| Annual CO ₂ mass emissions from process operations and process off-gas combustion | <input type="text" value="1232.0"/> (metric tons) |
| Enter/Report Alternate Result | <input type="checkbox"/> |

Use Inputs Verifier to calculate

Entering Data in IVT (continued)

When you use the inputs verifier tool prototype, you will be prompted to save your inputs file to your computer or other location that you designate. On each subsequent log in, you will be prompted to temporarily upload the latest version of the inputs file. The e-GGRT system will not save data entered into the Inputs Verifier Tool. Users are responsible for saving their inputs files.

The screenshot shows a web interface titled "FACILITY'S INPUTS VERIFIER FILE" with a link "What is the Inputs Verifier File?". A red warning icon and the text "Inputs Data Not Saved" are displayed. Below this, a "Last Exported File:" section contains a message: "A file has not yet been saved for this facility. Be sure to use the 'Save Inputs Data Locally' link to save a copy of your equation inputs data before you log off as e-GGRT will not save or store equation inputs data!". A blue link "Save Inputs Data Locally" with a floppy disk icon is at the bottom left. Red arrows point from the warning text to the "Last Exported File:" text and from the "Save Inputs Data Locally" link to the explanatory text.

Verification Checks Conducted by IVT

IVT conducts the following verification checks on the entered inputs to equations:

- Screen Error - a required input is missing, or another data condition that prevents saving the input values on a data entry page.
- Range Check (data quality) - an input value is outside of the expected range estimated by the EPA.
- Algorithm (data quality) - two or more values are compared to each other, and the result is not what would be expected by the EPA.

Examples of Warning Messages Generated by IVT

- The inputs entered in the previous sample scenario will not result in verification messages from the IVT.
- To generate a range check verification warning message, go to the *Equation X-2 Feedstock Inputs* page and change the **Average Carbon content of liquid feedstock** for January to 1.5 kg C per gallon.
- To generate an algorithm verification warning, go to the *Equation X-2 Feedstock Inputs* page and change the **Volume of liquid feedstock introduced** in January to 200,000 gallons.

Viewing the Inputs Verification Summary

When you enter inputs to equations data elements on a page and save the page, the IVT prototype performs the verification checks on the inputs to equations. The IVT prototype records an informative message in the Inputs Verification Summary for each check that results in a potential error.

Viewing the Inputs Verification Summary (continued)


To view the Inputs Verification Summary:

Click the Subpart Overview link at the top of the screen. On the Subpart Overview page, click the **View Annual Report Validation and Inputs Verification Summary** link.

Subpart Overview

OVERVIEW OF SUBPART REPORTING REQUIREMENTS

Subpart X requires affected facilities to report Greenhouse gases (GHG) from each petrochemical process unit. In order to use this prototype, first use this page to identify each petrochemical process unit, and then enter sample GHG data required by Subpart X. For additional information about Subpart X reporting, please use the e-GGRT Help links provided.


 **Subpart X: View Annual Report Validation and Inputs Verification Summary**

Or, if all data entered has satisfied the defined verification checks, this section will have a green checkmark and the label “No Validation Messages”.

Subpart Overview

OVERVIEW OF SUBPART REPORTING REQUIREMENTS

Subpart X requires affected facilities to report Greenhouse gases (GHG) from each petrochemical process unit. In order to use this prototype, first use this page to identify each petrochemical process unit, and then enter sample GHG data required by Subpart X. For additional information about Subpart X reporting, please use the e-GGRT Help links provided.

 **Subpart X: No Validation Messages**

Viewing the Inputs Verification Summary

(continued)


The *Validation Report* page will display. It has two sections: “Validation Messages for Annual Report Data” and “Verification Summary Generated by Inputs Verifier”.

Inputs Verifier Prototype - Subpart X: Petrochemical Production - Mass Balance Methodology (2014)

[Subpart Overview](#) » [Validation Report](#)

SUBPART VALIDATION REPORT

This report contains a complete set of validation messages for all data required by this Subpart. For additional information about Validation Reports, please use the e-GGRT Help link(s) provided.

[Print-friendly version](#) 

Validation Messages for Annual Report Data

FACILITY-LEVEL VALIDATION MESSAGES

| Validation Type ¹ | ID ² | Message ³ |
|-----------------------------------|-----------------|----------------------|
| No facility-level messages found. | | |

NO FEMT PROCESS UNIT VALIDATION MESSAGES



Verification Summary Generated by Inputs Verifier

PROCESS UNIT VERIFICATION MESSAGES

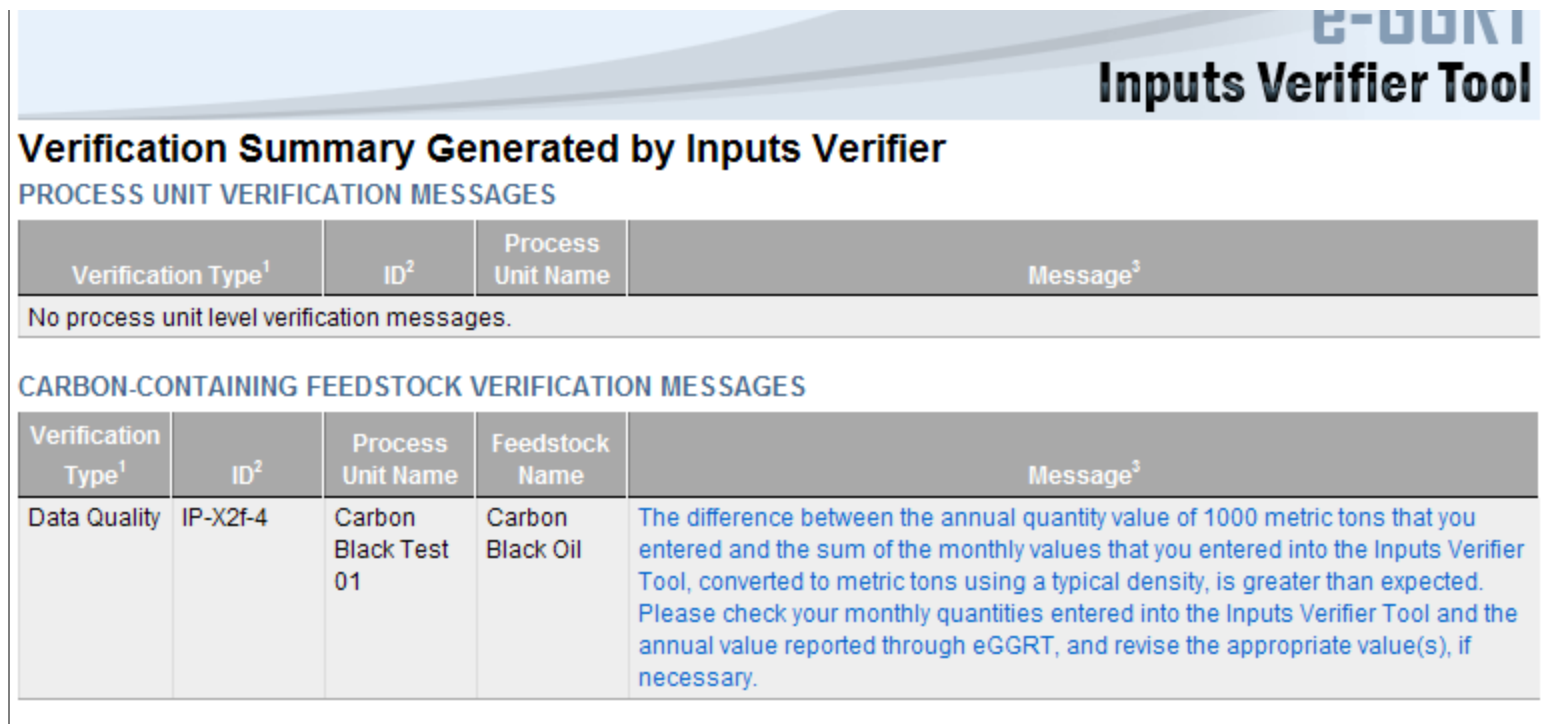
| Verification Type ¹ | ID ² | Process Unit Name | Message ³ |
|--|-----------------|-------------------|----------------------|
| No process unit level verification messages. | | | |

CARBON CONTAINING FEE STOCK VERIFICATION MESSAGES

Viewing the Inputs Verification Summary

(continued)

In each section, the Message text is linked to the related field. To view and correct the data, click on the text for the associated message. The data entry page containing the field will be displayed. In the example shown, clicking the Message for ID IP-X2f-4 will cause the Process Unit page to be displayed.



The screenshot displays the 'Inputs Verifier Tool' interface. At the top right, the text 'eGGRT Inputs Verifier Tool' is visible. Below this, the heading 'Verification Summary Generated by Inputs Verifier' is followed by a section titled 'PROCESS UNIT VERIFICATION MESSAGES'. This section contains a table with four columns: 'Verification Type¹', 'ID²', 'Process Unit Name', and 'Message³'. A message below the table states 'No process unit level verification messages.' Below this is another section titled 'CARBON-CONTAINING FEEDSTOCK VERIFICATION MESSAGES', which contains a table with five columns: 'Verification Type¹', 'ID²', 'Process Unit Name', 'Feedstock Name', and 'Message³'. The table lists one entry with ID 'IP-X2f-4', Process Unit Name 'Carbon Black Test 01', and Feedstock Name 'Carbon Black Oil'. The message text is a blue hyperlink that reads: 'The difference between the annual quantity value of 1000 metric tons that you entered and the sum of the monthly values that you entered into the Inputs Verifier Tool, converted to metric tons using a typical density, is greater than expected. Please check your monthly quantities entered into the Inputs Verifier Tool and the annual value reported through eGGRT, and revise the appropriate value(s), if necessary.'

| Verification Type ¹ | ID ² | Process Unit Name | Feedstock Name | Message ³ |
|--------------------------------|-----------------|----------------------|------------------|--|
| Data Quality | IP-X2f-4 | Carbon Black Test 01 | Carbon Black Oil | The difference between the annual quantity value of 1000 metric tons that you entered and the sum of the monthly values that you entered into the Inputs Verifier Tool, converted to metric tons using a typical density, is greater than expected. Please check your monthly quantities entered into the Inputs Verifier Tool and the annual value reported through eGGRT, and revise the appropriate value(s), if necessary. |

Saving an Inputs File

In the FACILITY'S INPUTS VERIFIER FILE section at the top of the screen, immediately below the grey box, IVT will present the save status of your facility's inputs verifier file.

The screenshot displays the EPA e-GGRT Inputs Verifier Prototype interface. The header includes the EPA logo, the text 'United States Environmental Protection Agency', and the 'e-GGRT Electronic Greenhouse Gas Reporting Tool' logo. Navigation tabs for 'HOME' and 'DATA REPORTING' are visible. The main content area is titled 'Test Facility 110' and 'Inputs Verifier Prototype - Subpart X: Petrochemical Production - Mass Balance Methodology (2014)'. A section titled 'GHG DATA AND ASSOCIATED INFORMATION' provides instructions on entering data. A blue box shows 'Annual CO₂ mass emissions from process operations and process off-gas combustion (metric tons)' with a value of 2,112.0. The 'FACILITY'S INPUTS VERIFIER FILE' section, highlighted with a red border, shows a red warning icon and the text 'Inputs Data Not Saved'. It also displays 'Last Exported File: 514578-Test_Facility_110-2014.xml' and 'Exported By (Date): [redacted] (September 10, 2013 11:53:00 AM)'. A 'Save Inputs Data Locally' button is present. The footer shows 'Process Unit Carbon Black Test 01'.

Saving an Inputs File

Before beginning data entry of equation inputs, this section will state “No inputs verifier file exists”. After equation inputs have been entered and prior to saving your inputs file, this section will state "Inputs Data Not Saved", and the "Last Exported File" field will state that an inputs file has not yet been saved. The following slides explain how to export and save the file.

The screenshot displays the EPA e-GGRT Inputs Verifier Tool interface. At the top left is the EPA logo and the text "United States Environmental Protection Agency". At the top right is the "e-GGRT Inputs Verifier Tool" header. Below the header, there is a navigation bar with "Hello, [User Name] | My Profile | Logout". The main content area is titled "Test Facility 1062" and "Inputs Verifier Prototype - Subpart X: Petrochemical Production - Mass Balance Methodology (2014)". A link for "Equation X-2 Feedstock Inputs" is visible. A grey box contains the text: "EQUATION X-2 FEEDSTOCK INPUTS. Use this page to enter the inputs to equation X-2. The inputs to equations will be used for verification purposes only, and will not be stored by EPA. The results of the verification checks (the verification summary, viewable from the 'Subpart Overview' page) will be stored by EPA. The user is required to enter volume and carbon content for each month." Below this, a section titled "FACILITY'S INPUTS VERIFIER FILE" contains a red warning icon and the text "Inputs Data Not Saved". To the right, the "Last Exported File:" field shows a message: "A file has not yet been saved for this facility. Be sure to use the 'Save Inputs Data Locally' link to save a copy of your equation inputs data before you log off as e-GGRT will not save or store equation inputs data!". A link for "Save Inputs Data Locally" is provided at the bottom left of the file section. A link for "What is the Inputs Verifier File?" is located at the top right of the file section.

Saving an Inputs File (continued)

To export the inputs verifier file, click **Save Inputs Data Locally**. You will be presented with an opportunity to save the inputs verifier file, similar to the example shown. The IVT records that you have saved your inputs file each time you click “Save Inputs Data Locally”. The IVT does not record where you save your inputs file or if you elect to cancel this action.

The screenshot displays a web application interface with a 'File Download' dialog box overlaid. The dialog box contains the following information:

- Title:** File Download
- Question:** Do you want to open or save this file?
- File Name:** 514586-Test_Facility_117-2014.zip
- Type:** WinZip File, 1.80KB
- From:** sandbox.ccdsupport.com
- Buttons:** Open, Save, Cancel

The background interface includes the following sections:

- EQUATION X-2 FEEDSTOCK INPUTS:** Use this page to enter the inputs to equation X-2. The inputs to equations will be used for verification purposes only, and will not be used for verification checks (the verification summary, verification page) will be stored by EPA. The user is required to enter inputs for each month.
- FACILITY'S INPUTS VERIFIER FILE:** Includes a green checkmark and the text 'Inputs Data Loaded', and a button labeled 'Save Inputs Data Locally'.
- UNIT - FEEDSTOCK PRODUCT (1 OF 2):** A section for entering product information.
- Status Bar:** Shows 'Feedstock: Carbon Black Oil (liquid)' and 'Product: Carbon Black (solid) all inpu'.

Note: After exporting, the "Exported By" field will show the name of the user who most recently saved an inputs file and the date and time the file was exported.

Saving an Inputs File (continued)

To load an inputs data file that has been previously saved (as would occur if you logged off and came back to e-GGRT in a later session), follow these steps.

1. Log in to IVT prototype and go to the Data Reporting section for Subpart X.
2. Click the link labeled "Temporarily Load Inputs Data".

Test Facility 110

Inputs Verifier Prototype - Subpart X: Petrochemical Production - Mass Balance Methodology (2014)


[Subpart Overview](#)



OVERVIEW OF SUBPART REPORTING REQUIREMENTS

Subpart X requires affected facilities to report Greenhouse gases (GHG) from each petrochemical process unit. In order to use this prototype, first use this page to identify each petrochemical process unit, and then enter sample GHG data required by Subpart X. For additional information about Subpart X reporting, please use the e-GGRT Help links provided.

Subpart X: View Annual Report Validation and Inputs Verification Summary

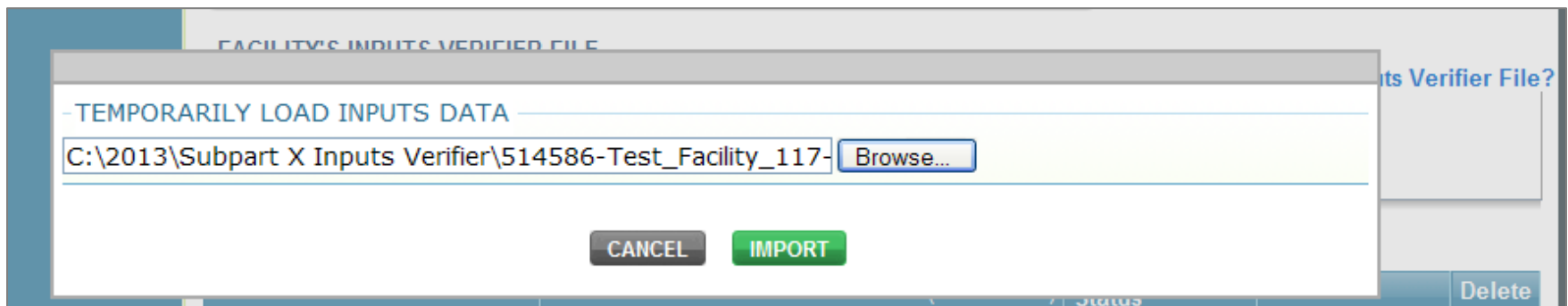
FACILITY'S INPUTS VERIFIER FILE [What is the Inputs Verifier File?](#)

 **Inputs Data Not Loaded** Last Exported File: 514578-Test_Facility_110-2014.xml

 [Temporarily Load Inputs Data](#) Exported By (Date):  (September 06, 2013 6:25:51 PM)

Saving an Inputs File (continued)

3. Browse to and select the inputs data file saved to your local computer.
4. Click the **IMPORT** button to load the file to the inputs verifier tool.



When you click the **GO** button to enter IVT, the inputs will display in the proper fields in the inputs verifier screens. You can modify inputs to equations data elements and continue entering them.

Saving an Inputs File (continued)

When you export the inputs verifier file, it will be in a zip format that contains an XML file and an HTML file; both contain all equation inputs that have been entered into IVT for that facility and reporting year.

The HTML file will present, in easy-to-read format, all inputs entered in IVT. To view this data, locate the zip file saved to your computer and double-click the HTML file.

Important: The proposed rule states that this file containing the inputs to equations that were entered into IVT must be kept as a record.

Help Desk Contact Information

Email: sandbox@ccdsupport.com

Web:

<http://www.ccdsupport.com/confluence/display/help/Prototype+Help+Desk+Contact+Information>

Telephone:

1-877-444-1188 (toll free)

1-703-676-4400 (outside U.S.)

As a reminder, please do not submit sensitive or business confidential information to the helpline. Anything you send to the Help Desk may be made available to the public.

NOTE: Do NOT submit comments regarding the Prototype or the proposed rule [78 FR 55993] to the Help Desk. All comments on the proposed rulemaking, including the inputs verification tool, must be submitted to the docket for this rulemaking (docket ID number EPA-HQ-OAR-2010-0929). You should only submit questions to the Help Desk on how to use the Inputs Verifier Tool Prototype.