

# Using e-GGRT to Prepare Your Subpart F Report



As of February 2014, the Excel-based Subpart F Reporting Form has been retired and replaced by web-based data entry screens. These new screens provide a better opportunity for immediate validation of your data and will help reduce the number of call backs and verification messages you receive from EPA. If you wish to resubmit a Subpart F report from reporting year 2010, 2011 or 2012 you must resubmit using the new web form-based application.

This page provides an overview of Subpart F reporting through e-GGRT.


Once you have added Subpart F to the list of subparts you plan to report on, click on the "Open" link next to Subpart F.

Before you begin entering Subpart F data you must first indicate the smelting technology or configuration used at your facility as pictured below. You must select Center Worked Prebaked, Side Worked Prebaked, Horizontal Stud Soderberg, or Vertical Stud Soderberg. Once you have selected one using the radio button click "Save".

>> [Click this link to expand](#)

When you first open the Subpart F Overview page it will have no facility information or units reflected. In future reporting years your facility data and units will be carried over from the prior reporting year. To start entering data click on the blue "Open" button in the Facility Information Section as indicated below.


>> Click this link to expand



United States  
Environmental Protection  
Agency

e-GGRT

Electronic Greenhouse Gas  
Reporting Tool



HOME

FACILITY REGISTRATION

FACILITY MANAGEMENT

DATA REPORTING

Hello, M Huppert | My Profile | Logout

e-GGRT Help

Using e-GGRT for Subpart F reporting

Lebansee Crew

**Subpart F: Aluminum Production (2013)**

Subpart Overview

OVERVIEW OF SUBPART REPORTING REQUIREMENTS

Subpart F requires affected facilities to report Perfluoromethane (CF<sub>4</sub>), and perfluoroethane (C<sub>2</sub>F<sub>6</sub>) emissions from anode effects in all prebake and Soderberg electrolysis cells and CARBON DIOXIDE emissions from anode consumption during electrolysis in all prebake and Soderberg electrolysis cells and from on-site anode baking. If you are subject to other subparts (e.g. Subpart C) you should return to the Facility Overview page, select the appropriate subpart(s), and complete the data reporting requirements of each subpart. To satisfy the Subpart F reporting requirements you will first download the Subpart F reporting form(s). Use the link provided to access the form(s) and find instructions for completing those forms. Next, you will upload the completed form(s). Finally, you must enter the total amount of Subpart F emissions, in metric tons, for your entire facility. For additional information about Subpart F reporting, please use the e-GGRT Help link(s) provided.

Annual mass of CF<sub>4</sub> (metric tons)

Annual mass of C<sub>2</sub>F<sub>6</sub> (metric tons)

Annual mass of CO<sub>2</sub> (metric tons)

 Subpart F: View Validation

SUBPART F SUMMARY INFORMATION FOR THIS FACILITY

FACILITY INFORMATION

Smelter Technology	Method used to measure frequency and duration of anode effects	Status	
Center Worked Prebake		Incomplete	<b>OPEN</b>

SMELTERS OR POTLINES

Unique Name/Identifier	Last Measured Date	Status <sup>†</sup>	Delete
No fuels present			

ADD a Smelter or Potline

ENTER GHG DATA

Annual CF <sub>4</sub> (perfluoromethane) mass emissions	<input type="text"/>	(metric tons)
Annual C <sub>2</sub> F <sub>6</sub> (perfluoroethane) mass emissions	<input type="text"/>	(metric tons)
Annual CO <sub>2</sub> emissions from anode consumption and baking	<input type="text"/>	(metric tons)

summed results from Equations F-5, F-7, and F-8, as applicable

Facility Overview

SAVE

CANCEL

Paperwork Reduction Act Burden Statement | Contact Us

e-GGRT RY2013.R18 | F-overview

**e-GGRT Help**

Using e-GGRT for Subpart F reporting

**Lebansee Crew**

**Subpart F: Aluminum Production (2013)**

**Subpart Overview**

**OVERVIEW OF SUBPART REPORTING REQUIREMENTS**

Subpart F requires affected facilities to report Perfluoromethane (CF<sub>4</sub>), and perfluoroethane (C<sub>2</sub>F<sub>6</sub>) emissions from anode effects in all prebake and Söderberg electrolysis cells and CARBON DIOXIDE emissions from anode consumption during electrolysis in all prebake and Söderberg electrolysis cells and from on-site anode baking. If you are subject to other subparts (e.g. Subpart C) you should return to the Facility Overview page, select the appropriate subpart(s), and complete the data reporting requirements of each subpart. To satisfy the Subpart F reporting requirements you will first download the Subpart F reporting form(s). Use the link provided to access the form(s) and find instructions for completing those forms. Next, you will upload the completed form(s). Finally, you must enter the total amount of Subpart F emissions, in metric tons, for your entire facility. For additional information about Subpart F reporting, please use the e-GGRT Help link(s) provided.

Annual mass of CF<sub>4</sub> (metric tons)

Annual mass of C<sub>2</sub>F<sub>6</sub> (metric tons)

Annual mass of CO<sub>2</sub> (metric tons)

**Subpart F: View Validation**

**SUBPART F SUMMARY INFORMATION FOR THIS FACILITY**

**FACILITY INFORMATION**

Smelter Technology	Method used to measure frequency and duration of anode effects	Status	
Center Worked Prebake		Incomplete	<b>OPEN</b>

**SMELTERS OR POTLINES**

Unique Name/Identifier	Last Measured Date	Status <sup>1</sup>	Delete
No fuels present			

**ADD a Smelter or Potline**

**ENTER GHG DATA**

Annual CF<sub>4</sub> (perfluoromethane) mass emissions  (metric tons)

Annual C<sub>2</sub>F<sub>6</sub> (perfluoroethane) mass emissions  (metric tons)


Annual CO<sub>2</sub> emissions from anode consumption and baking  (metric tons)

summed results from Equations F-5, F-7, and F-8, as applicable

**Facility Overview** **SAVE** **CANCEL**

This will open the Facility Information page. Once you enter Facility Information as indicated on image below click "Save". This will take you back to the Facility Overview page.


>> [Click this link to expand](#)



United States  
Environmental Protection  
Agency

e-GGRT

Electronic Greenhouse Gas  
Reporting Tool



HOMEFACILITY REGISTRATIONFACILITY MANAGEMENTDATA REPORTING

Hello, M Huppert | My Profile | Logout

e-GGRT Help

Using e-GGRT for Subpart F reporting

Lebansee Crew

**Subpart F: Aluminum Production (2013)**

[Subpart Overview](#) » [Facility Information](#)

SUBPART F FACILITY-LEVEL INFORMATION

Please complete the facility-level information below....

FACILITY INFORMATION

Smelter technology usedCenter Worked Prebake ([change](#))

Method used to measure the frequency and duration of anode effects (or overvoltage)

continuous monitoring, ~~Lysine~~ control application

Number of months in the reporting year that missing data procedures were followed to measure the anode effect overvoltage emission factor (i.e., potline overvoltages and/or current efficiencies)

0 (0-12)

Number of months in the reporting year that missing data procedures were followed to measure the anode effect minutes per cell day (i.e., anode effect frequency and/or anode effect duration)

0 (0-12)

Number of months in the reporting year that missing data procedures were followed to measure anode consumption

0 (0-12)

Number of months in the reporting year that missing data procedures were followed to measure anode paste consumption

0 (0-12)

[↑ Subpart Overview](#)

[SAVE](#)

[CANCEL](#)

Paperwork Reduction Act Burden Statement | [Contact Us](#)

e-GGRT RY2013.R18 | [F-overview](#)

 e-GGRT Help

Using e-GGRT for Subpart F  
reporting

**Lebansee Crew**

## Subpart F: Aluminum Production (2013)

[Subpart Overview](#) » [Facility Information](#)

### SUBPART F FACILITY-LEVEL INFORMATION

Please complete the facility-level information....

#### FACILITY INFORMATION

Smelter technology used Center Worked Prebake ([change](#))

Method used to measure the  
frequency and duration of anode  
effects (or overvoltage) continuous monitoring, Lysane control application

Number of months in the reporting year that  
missing data procedures were followed to measure  
the anode effect overvoltage emission factor (i.e.,  
potline overvoltages and/or current efficiencies) 0 (0-12)

Number of months in the reporting year that  
missing data procedures were followed to measure  
the anode effect minutes per cell day (i.e., anode  
effect frequency and/or anode effect duration) 0 (0-12)

Number of months in the reporting year that  
missing data procedures were followed to measure  
anode consumption 0 (0-12)

Number of months in the reporting year that  
missing data procedures were followed to measure  
anode paste consumption 0 (0-12)


[Subpart Overview](#)

[SAVE](#)

[CANCEL](#)

Now you can add data for each Smelter or Potline. Click "Add a Smelter or Potline" as indicated below to open the Smelter Information page.

>> Click this link to expand



United States  
Environmental Protection  
Agency

e-GGRT

Electronic Greenhouse Gas  
Reporting Tool

Hello, M Huppert

My Profile

Logout

HOME

FACILITY REGISTRATION

FACILITY MANAGEMENT

DATA REPORTING

e-GGRT Help

Using e-GGRT for Subpart F reporting

Lebansee Crew

**Subpart F: Aluminum Production (2013)**

Subpart Overview

OVERVIEW OF SUBPART REPORTING REQUIREMENTS

Subpart F requires affected facilities to report Perfluoromethane (CF<sub>4</sub>), and perfluoroethane (C<sub>2</sub>F<sub>6</sub>) emissions from anode effects in all prebake and Söderberg electrolysis cells and CARBON DIOXIDE emissions from anode consumption during electrolysis in all prebake and Söderberg electrolysis cells and from on-site anode baking. If you are subject to other subparts (e.g. Subpart C) you should return to the Facility Overview page, select the appropriate subpart(s), and complete the data reporting requirements of each subpart. To satisfy the Subpart F reporting requirements you will first download the Subpart F reporting form(s). Use the link provided to access the form(s) and find instructions for completing those forms. Next, you will upload the completed form(s). Finally, you must enter the total amount of Subpart F emissions, in metric tons, for your entire facility. For additional information about Subpart F reporting, please use the e-GGRT Help link(s) provided.

Annual mass of CF<sub>4</sub> (metric tons)

Annual mass of C<sub>2</sub>F<sub>6</sub> (metric tons)

Annual mass of CO<sub>2</sub> (metric tons)

Subpart F: View Validation

SUBPART F SUMMARY INFORMATION FOR THIS FACILITY

FACILITY INFORMATION

Smelter Technology	Method used to measure frequency and duration of anode effects	Status	
Center Worked Prebake		Incomplete	<a href="#">OPEN</a>

SMELTERS OR POTLINES

Unique Name/Identifier	Last Measured Date	Status <sup>†</sup>	Delete
No fuels present			

[ADD a Smelter or Potline](#)

ENTER GHG DATA

Annual CF <sub>4</sub> (perfluoromethane) mass emissions	<input type="text"/>	(metric tons)
Annual C <sub>2</sub> F <sub>6</sub> (perfluoroethane) mass emissions	<input type="text"/>	(metric tons)
Annual CO <sub>2</sub> emissions from anode consumption and baking	<input type="text"/>	(metric tons)

summed results from Equations F-5, F-7, and F-8, as applicable

[Facility Overview](#)

[SAVE](#)

[CANCEL](#)

Paperwork Reduction Act Burden Statement | Contact Us

e-GGRT RY2013.R18 | F-overview

[e-GGRT Help](#)

Using e-GGRT for Subpart F reporting

**Lebansee Crew**

**Subpart F: Aluminum Production (2013)**

**Subpart Overview**

**OVERVIEW OF SUBPART REPORTING REQUIREMENTS**

Subpart F requires affected facilities to report Perfluoromethane (CF<sub>4</sub>), and perfluoroethane (C<sub>2</sub>F<sub>6</sub>) emissions from anode effects in all prebake and Söderberg electrolysis cells and CARBON DIOXIDE emissions from anode consumption during electrolysis in all prebake and Söderberg electrolysis cells and from on-site anode baking. If you are subject to other subparts (e.g. Subpart C) you should return to the Facility Overview page, select the appropriate subpart(s), and complete the data reporting requirements of each subpart. To satisfy the Subpart F reporting requirements you will first download the Subpart F reporting form(s). Use the link provided to access the form(s) and find instructions for completing those forms. Next, you will upload the completed form(s). Finally, you must enter the total amount of Subpart F emissions, in metric tons, for your entire facility. For additional information about Subpart F reporting, please use the e-GGRT Help link(s) provided.

Annual mass of CF<sub>4</sub> (metric tons)

Annual mass of C<sub>2</sub>F<sub>6</sub> (metric tons)

Annual mass of CO<sub>2</sub> (metric tons)

**Subpart F: View Validation**

**SUBPART F SUMMARY INFORMATION FOR THIS FACILITY**

**FACILITY INFORMATION**

Smelter Technology	Method used to measure frequency and duration of anode effects	Status	
Center Worked Prebake		Incomplete	<a href="#">OPEN</a>

**SMELTERS OR POTLINES**

Unique Name/Identifier	Last Measured Date	Status <sup>1</sup>	Delete
No fuels present			

[+ ADD a Smelter or Potline](#)

**ENTER GHG DATA**

Annual CF<sub>4</sub> (perfluoromethane)  (metric tons)  
mass emissions

Annual C<sub>2</sub>F<sub>6</sub> (perfluoroethane)  (metric tons)  
mass emissions

Annual CO<sub>2</sub> emissions from  (metric tons)  
anode consumption and baking

summed results from Equations F-5, F-7, and F-8, as applicable

[Facility Overview](#) [SAVE](#) [CANCEL](#)

Enter the smelter or potline name, description, and the date of the last smelter-specific slope coefficient measurement. When you have completed these data click "Save". You will be returned to the Subpart F Overview page.

>> Click this link to expand

**EPA** United States Environmental Protection Agency

**e-GGRT** Electronic Greenhouse Gas Reporting Tool

HOME FACILITY REGISTRATION FACILITY MANAGEMENT DATA REPORTING

Home Hello, M Huppert | My Profile | Logout

e-GGRT Help

Using e-GGRT for Subpart F reporting

**Lebansee Crew**

**Subpart F: Aluminum Production (2013)**

[Subpart Overview](#) » [Smelter or Potline](#)

**SMELTER INFORMATION**

Please complete the following for each smelter (e.g., each set of potlines for which an emission factor has been calculated) \* denotes a required field

SMELTER OR POTLINE

UNIT INFORMATION

Name or ID \* Freffer Unit 1 (40 characters maximum)

Description (optional) Older Freffer design anodes

Type Smelter or Potliner

The last date when the smelter-specific-slope coefficients were measured 09/25/2013 (MM/DD/YYYY)

[Subpart Overview](#) [SAVE](#) [CANCEL](#)

Paperwork Reduction Act Burden Statement | Contact Us e-GGRT RY2013.R18 | F-overview

**EPA** United States Environmental Protection Agency

**e-GGRT** Electronic Greenhouse Gas Reporting Tool

HOME FACILITY REGISTRATION FACILITY MANAGEMENT DATA REPORTING

Home Hello, M Huppert | My Profile | Logout

e-GGRT Help

Using e-GGRT for Subpart F reporting

**Lebansee Crew**

**Subpart F: Aluminum Production (2013)**

[Subpart Overview](#) » [Smelter or Potline](#)

**SMELTER INFORMATION**

Please complete the following for each smelter (e.g., each set of potlines for which an emission factor has been calculated) \* denotes a required field

SMELTER OR POTLINE

UNIT INFORMATION

Name or ID \* Freffer Unit 1 (40 characters maximum)

Description (optional) Older Freffer design anodes

Type Smelter or Potliner

The last date when the smelter-specific-slope coefficients were measured 09/25/2013 (MM/DD/YYYY)

[Subpart Overview](#) [SAVE](#) [CANCEL](#)


Paperwork Reduction Act Burden Statement | Contact Us e-GGRT RY2013.R18 | F-overview

Repeat the above process to enter each of your smelter or potlines. Then enter your  $\text{CF}_4$  (perfluoromethane) and  $\text{C}_2\text{F}_6$  (perfluoroethane) emissions and your  $\text{CO}_2$  emissions from anode consumption and baking.

After completing all of your smelter or potlines, your overview page will look like the example page below. Click "Save" when you are done.



>> Click this link to expand



United States  
Environmental Protection  
Agency

HOME


FACILITY REGISTRATION

FACILITY MANAGEMENT

DATA REPORTING

e-GGRT

Electronic Greenhouse Gas  
Reporting Tool



Hello, M Huppert | My Profile | Logout

e-GGRT Help

Using e-GGRT for Subpart F reporting

Lebansee Crew

**Subpart F: Aluminum Production (2013)**

Subpart Overview

OVERVIEW OF SUBPART REPORTING REQUIREMENTS

Subpart F requires affected facilities to report Perfluoromethane (CF<sub>4</sub>), and perfluoroethane (C<sub>2</sub>F<sub>6</sub>) emissions from anode effects in all prebake and Söderberg electrolysis cells and CARBON DIOXIDE emissions from anode consumption during electrolysis in all prebake and Söderberg electrolysis cells and from on-site anode baking. If you are subject to other subparts (e.g. Subpart C) you should return to the Facility Overview page, select the appropriate subpart(s), and complete the data reporting requirements of each subpart. To satisfy the Subpart F reporting requirements you will first download the Subpart F reporting form(s). Use the link provided to access the form(s) and find instructions for completing those forms. Next, you will upload the completed form(s). Finally, you must enter the total amount of Subpart F emissions, in metric tons, for your entire facility. For additional information about Subpart F reporting, please use the e-GGRT Help link(s) provided.

67

Annual mass of CF<sub>4</sub> (metric tons)

49

Annual mass of C<sub>2</sub>F<sub>6</sub> (metric tons)

38,960.0

Annual mass of CO<sub>2</sub> (metric tons)

✓





Subpart F: No Validation Messages


SUBPART F SUMMARY INFORMATION FOR THIS FACILITY

FACILITY INFORMATION

Smelter Technology	Method used to measure frequency and duration of anode effects	Status	
Center Worked Prebake	continuous monitoring, Lusane control application	Complete	<a href="#">OPEN</a>

SMELTERS OR POTLINES

Unique Name/Identifier	Last Measured Date	Status <sup>1</sup>	Delete
 Freffer Unit 1	09/25/2013	Complete	
 Freffer Unit 2	10/18/2013	Complete	

 [ADD a Smelter or Potline](#)

ENTER GHG DATA

Annual CF<sub>4</sub> (perfluoromethane) mass emissions

67 (metric tons)

Annual C<sub>2</sub>F<sub>6</sub> (perfluoroethane) mass emissions

49 (metric tons)

Annual CO<sub>2</sub> emissions from anode consumption and baking

38960 (metric tons)

summed results from Equations F-5, F-7, and F-8, as applicable

[Facility Overview](#)

[SAVE](#)

[CANCEL](#)

Paperwork Reduction Act Burden Statement | Contact Us

e-GGRT RY2013.R18 | F-overview

United States Environmental Protection Agency

Electronic Greenhouse Gas Reporting Tool

[HOME](#)
[FACILITY REGISTRATION](#)
[FACILITY MANAGEMENT](#)
[DATA REPORTING](#)

Hello, M Huppert | [My Profile](#) | [Logout](#)

e-GGRT Help

[Using e-GGRT for Subpart F reporting](#)

**Lebansee Crew**  
**Subpart F: Aluminum Production (2013)**  
[Subpart Overview](#)

### OVERVIEW OF SUBPART REPORTING REQUIREMENTS

Subpart F requires affected facilities to report Perfluoromethane (CF<sub>4</sub>), and perfluoroethane (C<sub>2</sub>F<sub>6</sub>) emissions from anode effects in all prebake and Söderberg electrolysis cells and CARBON DIOXIDE emissions from anode consumption during electrolysis in all prebake and Söderberg electrolysis cells and from on-site anode baking. If you are subject to other subparts (e.g. Subpart C) you should return to the Facility Overview page, select the appropriate subpart(s), and complete the data reporting requirements of each subpart. To satisfy the Subpart F reporting requirements you will first download the Subpart F reporting form(s). Use the link provided to access the form(s) and find instructions for completing those forms. Next, you will upload the completed form(s). Finally, you must enter the total amount of Subpart F emissions, in metric tons, for your entire facility. For additional information about Subpart F reporting, please use the e-GGRT Help link(s) provided.

67  
Annual mass of CF<sub>4</sub> (metric tons)

49  
Annual mass of C<sub>2</sub>F<sub>6</sub> (metric tons)

38,960.0  
Annual mass of CO<sub>2</sub> (metric tons)

**Subpart F: No Validation Messages**

### SUBPART F SUMMARY INFORMATION FOR THIS FACILITY

#### FACILITY INFORMATION

Smelter Technology	Method used to measure frequency and duration of anode effects	Status	
Center Worked Prebake	continuous monitoring, Lusane control application	Complete	<a href="#">OPEN</a>

#### SMELTERS OR POTLINES

Unique Name/Identifier	Last Measured Date	Status <sup>1</sup>	Delete
Freffer Unit 1	09/25/2013	Complete	
Freffer Unit 2	10/18/2013	Complete	

[ADD a Smelter or Potline](#)

#### ENTER GHG DATA

Annual CF <sub>4</sub> (perfluoromethane) mass emissions	<input type="text" value="67"/> (metric tons)
Annual C <sub>2</sub> F <sub>6</sub> (perfluoroethane) mass emissions	<input type="text" value="49"/> (metric tons)
Annual CO <sub>2</sub> emissions from anode consumption and baking	<input type="text" value="38960"/> (metric tons)

summed results from Equations F-5, F-7, and F-8, as applicable

[Facility Overview](#)
[SAVE](#)
[CANCEL](#)

[Paperwork Reduction Act Burden Statement](#) | [Contact Us](#)

e-GGRT RY2013.R18 | [F-overview](#)

## Subpart Validation Report

The Validation Report assists you with determining the completeness and quality of your reported data.

We strongly encourage you to use the Validation Report to check your work. The Validation Report performs two types of checks:

- Data Completeness: Data required for reporting that are missing or incomplete.
- Data Quality: Data that are outside of the expected range of values.

Certain validation checks which are considered to represent critical errors must be corrected before you can successfully generate and submit your Annual

Report. These checks are signified with a stop sign . If you feel that you have triggered one of these critical "stop signs" checks in error, or if there's a reason why your report should be submitted despite the check being triggered, please submit a request to the e-GGRT Help Desk at [GHGReporting@epa.gov](mailto:GHGReporting@epa.gov).

You may view the Validation Report at any time.



Note that the Validation Report is intended to assist users in entering data, **but it is not an indication that the reporter has entered all necessary information, nor is it an indication that the reporter is in compliance with part 98.** Furthermore, a negative finding on the validation report is not a guarantee that a data element was entered incorrectly. For more detail on the Validation Report and its functionality please review the [Subpart Validation Report](#) page.

[Back to Top](#)