

Subpart GG Emissions Information for Kilns or Furnaces NOT Monitored by CEMS for RY2014 and Later

This page provides step-by-step instructions on how to enter and edit Subpart GG Zinc Production emissions information for kilns or furnaces that are NOT monitored by a CEMS for RY 2014 and later.

Step 1: Select a Unit

To select a unit for which to enter emissions data, find the unit in the WAEZL KILNS and ELECTROTHERMIC FURNACES table and click OPEN.

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

The screenshot shows the EPA B-GERT web application interface. The header includes the EPA logo and 'B-GERT' text. The left sidebar contains navigation links. The main content area is titled 'UNIT SELECTION' and includes a large text box with instructions, a 'UNIT SELECTION' table, and several expandable sections for 'UNIT SELECTION', 'UNIT SELECTION', 'UNIT SELECTION', and 'UNIT SELECTION'. The 'UNIT SELECTION' table has columns for 'UNIT ID', 'UNIT NAME', 'UNIT TYPE', and 'UNIT STATUS'. The expandable sections contain detailed information about the units, including 'UNIT SELECTION', 'UNIT SELECTION', 'UNIT SELECTION', and 'UNIT SELECTION'.

e-GGRT Help

Using e-GGRT for Subpart GG reporting

DR Enterprises - TEST

Subpart GG: Zinc Production (2014)

Subpart Overview

OVERVIEW OF SUBPART REPORTING REQUIREMENTS

Subpart GG requires affected facilities to report carbon dioxide (CO₂) process emissions from each Waelz kiln and electrothermic furnace used for zinc production. 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 GG reporting requirements you will first download the Subpart GG 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 GG emissions, in metric tons, for your entire facility. For additional information about Subpart GG reporting, please use the e-GGRT Help link(s) provided.



Subpart GG: View Validation

FACILITY'S INPUTS VERIFIER FILE

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

Inputs Data Not Saved

Last Exported File: 511706-DR_Enterprises_-_TEST-2014.xml

[Save Inputs Data Locally](#)

Exported By (Date): Richard Richards (September 10, 2014 5:47:14 PM)

FACILITY INFORMATION

Total Kilns	Total Furnaces	Products Produced	Status	
2	0	Zinc ingots	Complete	OPEN

WAE LZ KILNS and ELECTROTHERMIC FURNACES

Unique Name/Identifier	Type	CO ₂ Emissions (metric tons)	Status ¹		Delete
Unit 2 (Non-CEMS)	Waelz Kiln		Incomplete	OPEN	X

[+ ADD a Kiln or Furnace](#)

WAE LZ KILNS and ELECTROTHERMIC FURNACES (monitored by CEMS)

Unique Name/Identifier	Type	Status ¹	Delete
CEMS Unit 1	Waelz Kiln	Complete	X

[+ ADD a Kiln or Furnace monitored by CEMS](#)

CEMS MONITORING LOCATION (CML) SUMMARY

CML Name/Identifier	CML Configuration	Monitored Unit(s)	Total CO ₂ emissions (metric tons)	Status	Delete
CEMS Unit 1 Stack	Single process/process unit exhausts to dedicated stack	None added	200,000.0	Incomplete	X

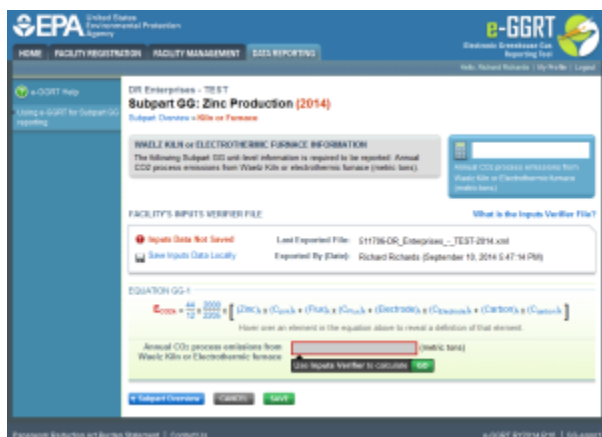
[+ ADD a CEMS Monitoring Location](#)

[Facility Overview](#)

Step 2: Access Inputs Verifier (Tool IVT)

In order to enter emissions information for kilns or furnaces NOT monitored by CEMS for RY2014 and later, facilities must access the Inputs Verifier Tool from the Subpart GG Summary Page. In the Equation GG-1 section, you will find a data entry cell labeled "Annual CO₂ process emissions from Waelz Kiln or Electrothermic furnace." Immediately below this data entry cell you will see a block labeled "Use Input Verifier to calculate" and a green "Go" box. Click "Go" to open the inputs verifier module for Subpart GG.

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United States Environmental Protection Agency

Electronic Greenhouse Gas Reporting Tool

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e-GGRT Help

- Using e-GGRT for Subpart GG reporting

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Subpart GG: Zinc Production (2014)

[Subpart Overview](#) » [Kiln or Furnace](#)

WAELEZ KILN or ELECTROTHERMIC FURNACE INFORMATION

The following Subpart GG unit-level information is required to be reported: Annual CO₂ process emissions from Waelz Kiln or electrothermic furnace (metric tons).

Annual CO₂ process emissions from Waelz Kiln or Electrothermic furnace (metric tons)

FACILITY'S INPUTS VERIFIER FILE

Inputs Data Not Saved Last Exported File: 511706-DR_Enterprises_-_TEST-2014.xml

[Save Inputs Data Locally](#) Exported By (Date): Richard Richards (September 10, 2014 5:47:14 PM)

EQUATION GG-1

$$E_{CO_2k} = \frac{44}{12} \times \frac{2000}{2205} \times \left[(Zinc)_k \times (C_{Zinc})_k + (Flux)_k \times (C_{Flux})_k + (Electrode)_k \times (C_{Electrode})_k + (Carbon)_k \times (C_{Carbon})_k \right]$$

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

Annual CO₂ process emissions from Waelz Kiln or Electrothermic furnace (metric tons)

[Use Inputs Verifier to calculate](#) [GO](#)

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

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e-GGRT RY2014.R16 | GG-eqgg1

Step 3: Enter Equation Inputs in IVT

See [Subpart GG Entering Equation Inputs Using IVT](#) for instructions on how to enter your equation inputs in the Information Verification module. When you have completed data entry in IVT, click "Save" to return to the Equation GG-1 Emissions screen. Click "Subpart Overview" to return to the Subpart GG Overview screen.

[Back to Top](#)

See Also

Screen Errors

[Using e-GGRT to Prepare Your Subpart GG Report for RY2014 and Later](#)

[Subpart GG Facility Level Information for All Reporting Years](#)

[Subpart GG Kiln and Furnace Information for Units NOT Monitored by CEMS for All Reporting Years](#)

[Subpart GG Kiln and Furnace Information for Units Monitored by CEMS for All Reporting Years](#)

[Subpart GG Emissions Information for Kilns or Furnaces NOT Monitored by CEMS for RY2014 and Later](#)

[Subpart GG Entering Equation Inputs Using IVT](#)

[Subpart GG Emissions Information for Units Monitored by CEMS for All Reporting Years](#)

[Subpart Validation Report](#)