


Subpart S Summary Facility and Emissions Information for RY2014 and Later

This page provides step-by-step instructions to enter Subpart S summary and emissions information about your facility.

Adding or Updating Summary Facility and Emissions Information

To add or update Subpart S summary information for your facility, locate the SUBPART S SUMMARY INFORMATION FOR THIS FACILITY table on the Subpart S Overview page, and click OPEN.

>> [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, Matt Hill | [My Profile](#) | [Logout](#)

 e-GGRT Help

Using e-GGRT for Subpart S reporting

R H H Environmental


Subpart S: Lime Manufacturing (2011)

[Subpart Overview](#)

OVERVIEW OF SUBPART REPORTING REQUIREMENTS

Subpart S requires affected facilities to report carbon dioxide (CO₂) process emissions from all lime kilns combined; CO₂ combustion emissions from lime kilns; nitrous oxide (N₂O) and methane (CH₄) emissions from fuel combustion at each kiln; and CO₂, N₂O and CH₄ emissions from any other stationary combustion units. First, use this page to identify each lime product produced at your facility and then enter Greenhouse gas (GHG) data required by Subpart S for each lime product and for your facility. Next, identify each calcined-lime byproduct or waste type generated at your facility and then enter GHG data required by Subpart S for each calcined-lime byproduct or waste type and for your facility. For additional information about Subpart S reporting, please use the e-GGRT Help link(s) provided.

EPA has finalized a rule that defers the deadline for reporting certain data elements used as inputs to emission equations for direct emitters until March 31, 2015. See 76 FR 53057 (published August 25, 2011). In accordance with the rule, e-GGRT is not currently collecting this subset of inputs to emission equations.





 **Subpart S:** [View Validation](#)

Methodology: Emissions not calculated using CEMS ([Change to CEMS](#))

SUBPART S SUMMARY INFORMATION FOR THIS FACILITY

Lime Production Capacity (tons)	CO ₂ used on-site	CO ₂ Process Emissions	
			OPEN

LIME PRODUCTS

Lime Product Name	Status ¹		Delete
 Product 1	Complete	OPEN	
 Product 2	Incomplete	OPEN	

[+ADD a Lime Product](#)

CALCINED-LIME BY-PRODUCTS OR WASTE

Calcined-Lime By-Product or Waste Name	Sold or Not Sold	Status ¹	Delete
--	------------------	---------------------	--------

[+ADD a Calcined Lime By-Product or Waste](#)

[↑ Facility Overview](#)

¹A status of "Incomplete" means that one or more required data elements are incomplete. For details, refer to the Data Completeness validation messages in your Validation Report by clicking the "View Validation" link above (Note: if there are no validation messages for this subpart you will not see this link).

Paperwork Reduction Act Burden Statement | [Contact Us](#)e-GGRT RY2011.R.12 | [s-overview](#)

United States
Environmental Protection
Agency

Electronic Greenhouse Gas
Reporting Tool

HOME
FACILITY REGISTRATION
FACILITY MANAGEMENT
DATA REPORTING

Hello, Matt Hill | My Profile | Logout

e-GGRT Help

Using e-GGRT for Subpart S reporting

R H H Environmental

Subpart S: Lime Manufacturing (2011)

Subpart Overview

OVERVIEW OF SUBPART REPORTING REQUIREMENTS

Subpart S requires affected facilities to report carbon dioxide (CO₂) process emissions from all lime kilns combined; CO₂ combustion emissions from lime kilns; nitrous oxide (N₂O) and methane (CH₄) emissions from fuel combustion at each kiln; and CO₂, N₂O and CH₄ emissions from any other stationary combustion units. First, use this page to identify each lime product produced at your facility and then enter Greenhouse gas (GHG) data required by Subpart S for each lime product and for your facility. Next, identify each calcined-lime byproduct or waste type generated at your facility and then enter GHG data required by Subpart S for each calcined-lime byproduct or waste type and for your facility. For additional information about Subpart S reporting, please use the e-GGRT Help link(s) provided.

EPA has finalized a rule that defers the deadline for reporting certain data elements used as inputs to emission equations for direct emitters until March 31, 2015. See 76 FR 53057 (published August 25, 2011). In accordance with the rule, e-GGRT is not currently collecting this subset of inputs to emission equations.

Subpart S: View Validation

Methodology: Emissions not calculated using CEMS ([Change to CEMS](#))

SUBPART S SUMMARY INFORMATION FOR THIS FACILITY

Lime Production Capacity (tons)	CO ₂ used on-site	CO ₂ Process Emissions	
			OPEN

LIME PRODUCTS

Lime Product Name	Status ¹		Delete
Product 1	Complete	OPEN	
Product 2	Incomplete	OPEN	

[+ADD a Lime Product](#)

CALCINED-LIME BY-PRODUCTS OR WASTE

Calcined-Lime By-Product or Waste Name	Sold or Not Sold	Status ¹		Delete
+ADD a Calcined Lime By-Product or Waste				

[↑ Facility Overview](#)

¹A status of "Incomplete" means that one or more required data elements are incomplete. For details, refer to the Data Completeness validation messages in your Validation Report by clicking the "View Validation" link above (Note: if there are no validation messages for this subpart you will not see this link).

Paperwork Reduction Act Burden Statement | Contact Us
e-GGRT RY2011.R.12 | s-overview

Subpart S requires you to report the following data about your facility:

- The total annual CO₂ process emissions from all kilns combined (metric tons)
- Note, combustion CO₂, CH₄ and N₂O emissions from kilns NOT monitored by CEMS should be reported under [Subpart C](#).

For assistance in calculating CO₂ process emissions from all kilns, you have the option of using the [Inputs Verifier Tool](#) by clicking the link located below the red emissions data entry box titled "Use Inputs Verifier to calculate" then following the provided instructions.

Subpart S also requires you to report the following:


- The annual lime production capacity of your entire facility (short tons)
- An indication of whether CO₂ was used on-site (i.e. for use in a purification process)
- If CO₂ was used on-site, Subpart S also requires you to report the following information:
 - The annual amount of CO₂ captured for use in the on-site process (metric tons)
 - The method used to determine the amount of CO₂ captured

When you have entered the required information, click **SAVE**

If you don't have all the data, you can enter some now, save it, and finish it later

After you save the data on this page, the next time you open the page, the calculator on the top of the page will display the CO₂ process emissions for your facility, rounded to the nearest 0.1 of a metric ton. The value displayed is for informational purposes only.

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



United States
Environmental Protection
Agency

e-GGRT

Electronic Greenhouse Gas
Reporting Tool

Hi, Sokha Chea | My Profile | Logout

HOME

FACILITY REGISTRATION

FACILITY MANAGEMENT

DATA REPORTING

EPA REPORTS

HELP DESK

e-GGRT Help

Using e-GGRT for Subpart S reporting

Siem Reap

Subpart S: Lime Manufacturing (2014)

[Subpart Overview](#) » [Subpart S Summary Information](#)

EQ. S-4: FACILITY-LEVEL CO₂ PROCESS EMISSIONS AND ADDITIONAL EMISSIONS INFORMATION

Subpart S requires a facility to report the facility and emissions information described below. For additional information about the facility information required by Subpart S, please use the e-GGRT Help link(s) provided.

86,161.6

(Eq. S-4) Annual CO₂ process emissions from lime production from all kilns (metric tons/year)

FACILITY'S INPUTS VERIFIER FILE

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

Inputs Data Loaded

Last Exported File: 515869-Siem_Reap-2014.xml

Save Inputs Data Locally

Exported By (Date): Sokha Chea (July 28, 2014 3:42:28 PM)

EQUATION S-4 SUMMARY AND RESULT

$$E_{CO_2} = \sum_{i=1}^t \sum_{n=1}^{12} (EF_{lime,i,n} \times M_{lime,i,n}) + \sum_{i=1}^b \sum_{n=1}^{12} (EF_{ikd,i,n} \times M_{ikd,i,n}) + \sum_{i=1}^z E_{waste,i}$$

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

Annual CO₂ process emissions from lime production from all kilns

86161.6327 (metric tons)

Use Inputs Verifier to calculate [GO](#)

Enter/Report Alternate Result

☐

ADDITIONAL EMISSIONS DATA

Annual lime production capacity for the entire facility

12 (short tons)

Was CO₂ used on site?

☐ Yes

☒ No

[CANCEL](#)

[SAVE](#)

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

e-GGRT RY2014 R11 | s-facility

e-GGRT Help

Using e-GGRT for Subpart S reporting

Siem Reap

Subpart S: Lime Manufacturing (2014)

[Subpart Overview](#) » [Subpart S Summary Information](#)

EQ. S-4: FACILITY-LEVEL CO₂ PROCESS EMISSIONS AND ADDITIONAL EMISSIONS INFORMATION

Subpart S requires a facility to report the facility and emissions information described below. For additional information about the facility information required by Subpart S, please use the e-GGRT Help link(s) provided.

86,161.6
(Eq. S-4) Annual CO₂ process emissions from lime production from all kilns (metric tons/year).

FACILITY'S INPUTS VERIFIER FILE

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

✓ **Inputs Data Loaded** Last Exported File: 515869-Siem_Reap-2014.xml
[Save Inputs Data Locally](#) Exported By (Date): Sokha Chea (July 28, 2014 3:42:28 PM)

EQUATION S-4 SUMMARY AND RESULT

$$E_{CO_2} = \sum_{i=1}^t \sum_{n=1}^{12} (EF_{lime,i,n} \times M_{lime,i,n}) + \sum_{i=1}^b \sum_{n=1}^{12} (EF_{lkd,i,n} \times M_{lkd,i,n}) + \sum_{i=1}^z E_{waste,i}$$

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

Annual CO₂ process emissions from lime production from all kilns **86161.6327** (metric tons)
[Use Inputs Verifier to calculate](#) [GO](#)

Enter/Report Alternate Result ☐

ADDITIONAL EMISSIONS DATA

Annual lime production capacity for the entire facility (short tons)

Was CO₂ used on site? ☐ Yes ☒ No

[CANCEL](#) [SAVE](#)

[Back to Top](#)

See Also

[Screen Errors](#)
[Subpart S Summary Facility and Emissions Information for RY2014 and Later](#)
[Subpart S Lime Product Information for RY2014 and Later](#)
[Subpart S Calcined-lime Byproduct or Waste Information for RY2014 and Later](#)
[Subpart Validation Report](#)