Subpart N Emissions Information for Furnaces NOT Monitored by CEMS for RY2014 and Later

This page provides step-by-step instructions on how to enter and edit Subpart N Glass Production emissions information for furnaces that are NOT monitored by a Continuous Emissions Monitoring System (CEMS).

A Note: Subpart N is for reporting process related CO2 emissions, combustion CO2 emissions should be reported under Subpart C.

Step 1: Select a furnace

To select a furnace for which to enter emissions data, find the unit in the GLASS MELTING FURNACE SUMMARY table and click OPEN. You will then be on the Eq. N-1 form.

>> Click this link to expand



CEPA United States Environmental Protection Agency					e-GGRT 🎺			
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•	Subpart N: Glass Production (2018) Subpart Overview							
 Using e-GGRT for Subpart N reporting 								
	OVERVIEW OF SUE	SPART REPORTING REQUIREMEN	ITS					
	Subpart N requires a	ffected facilities to report carbon dio	xide (CO2) process emissions	5				
	from each continuous continuous glass me							
	CEMS and by furnad	es that are monitored by CEMS. Se	cond, use this page to enter					
	the total annual quar combined. For addition	itity of glass produced for all continu onal information about Subpart N re	ous glass melting furnaces	A Cubus	A Ma Marca Maladara			
	GGRT Help link(s) pr	rovided.		CL Subpa	rt N: view validation			
	SUBPART N SUMMA	RY INFORMATION FOR THIS FAC	LITY					
	Numbe	er of turnaces 1	antity of glass pro	duced(tons)				
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	GLASS MELTING FUI	RNACE SUMMARY						
	Name/ID	Raw Materials	CO ₂ (metric tons)	Status	Delete			
				incomplete	OPEN X			
	💠 ADD a Furnace							
		PNACE SUMMARY (Europage ma	aitorod by CEMS)					
	Name/ID	Status	Delete					
	No units have been added				benetic			
	ADD a Furnace Mor	nitored by CEMS		· ·				
	↑ Facility Overview							
	A status of "Incomplete"	means that one or more required data e	ements are incomplete. For deta	ils, refer to the Data (Completeness validation			
	messages in your Validat see this link).	ion Report by clicking the 'View Validati	on" link above (Note: if there are	no validation messag	es for this subpart you will not			

Step 2: Equation Summary and Result

For each glass melting furnace NOT monitored by CEMS, enter the CO₂ process emissions in metric tons. Be sure to check the units. This number is the output of Equation N-1.

For assistance in calculating CO₂ process emissions for a furnace using Eq. N-1, access the calculation spreadsheet for this subpart by clicking the link located below the red emissions data entry box titled "Use Inputs Verifier to calculate, GO" then follow the provided instructions.



Step 3: Raw Material Data

For each raw material charged to each glass melting furnace, provide the following:

- The number of months during the reporting year that you followed missing data procedures for the *monthly quantities* of the raw material
 The method you used to determine the decimal fraction of calcination for the raw material (Default Value (1.0), Chemical analysis using x-ray fluorescence, or Other). If you select "Other", you must specify the method you used in the field provided.
- The number of months during the reporting year that you followed missing data procedures for the mass fractions of the raw material

Step 4: Mass Fraction Verification Test Data

For each mass fraction verification test conducted for each raw material, provide the following:

- The test date.
- The method(s) and any variations used in the analyses (Default method per 98.143(c) or Other). If you select "Other", you must specify the method used in the field provided. Please review 98.143(c) and 98.144(b) for applicable methods.
- The average mass fraction values for all test samples recorded during the test (mass fraction should be expressed as a decimal value from 0.0 to 1.0). If you chose to use the default as an alternative to supplier data, enter 1.0 in the TEST SAMPLE(S) section, consistent with the default value provided in 98.143(c) for "Mass fraction of sample".

To add mass fraction verification tests for a raw material, click "Add A Test" and enter the required information shown below.

When you have finished entering tests, click SAVE.

>> Click this link	to expand					
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e-GGRT Help Using e-GGRT for Subpart N reporting	Siem Reap Subpart N: Glass Pr Subpart Overview » Unit 1 » Ma	roduction (2014 ss Fraction Verification	1) on Test			
	MASS FRACTION VERIFICA Use this page to enter the re: mineral mass fraction for the below. For additional informat the e-GGRT Help link(s) provi If you chose to use the defau in the TEST DETAILS sector any variation used in the anal 1.0 correctiont with the defau	nate-based e identified , please use n in 98.143(c)), "Methods and) section, enter action, enter				
	 1.0, consistent with the default value provided in 98.143(c) for "Mass fraction of sample." 					
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	Raw Material	Limestone				
	Furnace Unit 1					
	Test Date*	12/03/2	014 🛄			
	Method(s) and any* variations used in the analysis	Other	•			
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reporting	Subpart Overview » Unit 1 » Mass Fraction Verification Test							
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Step 5: Save emissions and raw material data for a furnace

When you have finished entering emissions and raw material data, click SAVE. You will then return to the Subpart Overview page and you should see the status of data entry for the furnace has changed to "Complete" in the Status column in the GLASS MELTING FURNACE SUMMARY table.

If you do not have all the data it will remain incomplete. You can always enter some now, save it, then 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 the furnace, rounded to the nearest 0.1 of a metric ton. The value displayed is for informational purposes only.

>> Click this link to expand





Step 6: Repeat Steps 1-5

Repeat Steps 1-5 until emissions data have been entered for all furnaces NOT monitored by CEMS.

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See Also

Subpart N Emissions Information for Furnaces NOT Monitored by CEMS for RY2014 and Later

- Subpart N Emissions Information for Furnaces Monitored by CEMS for RY2014 and Later
- Subpart N Emissions Information for Furnaces NOT Monitored by CEMS for RY2014 and Later
- Subpart N Furnace Information for RY2014 and Later
- Subpart N Summary Information for this Facility for RY2014 and Later

- Subpart N Entering Equation Inputs Using IVT
 Using Subpart N Calculation Spreadsheets

Screen Errors Subpart Validation Report