

TABLE AA-1 TO SUBPART AA OF PART 98—KRAFT PULPING LIQUOR EMISSIONS FACTORS FOR BIOMASS-BASED CO<sub>2</sub>, CH<sub>4</sub>, AND N<sub>2</sub>O

Wood furnish	Biomass-based emissions factors (kg/mmBtu HHV)		
	CO <sub>2</sub> <sup>a</sup>	CH <sub>4</sub>	N <sub>2</sub> O
North American Softwood .....	94.4	0.030	0.005
North American Hardwood .....	93.7		
Bagasse .....	95.5		
Bamboo .....	93.7		
Straw .....	95.1		

<sup>a</sup> Includes emissions from both the recovery furnace and pulp mill lime kiln.

TABLE AA-2 TO SUBPART AA OF PART 98—KRAFT LIME KILN AND CALCINER EMISSIONS FACTORS FOR FOSSIL FUEL-BASED CH<sub>4</sub> AND N<sub>2</sub>O

Fuel	Fossil fuel-based emissions factors (kg/mmBtu HHV)			
	Kraft lime kilns		Kraft calciners	
	CH <sub>4</sub>	N <sub>2</sub> O	CH <sub>4</sub>	N <sub>2</sub> O
Residual Oil .....				0.0003
Distillate Oil .....			0.0027	0.0004
Natural Gas .....	0.0027			0.0001
Biogas .....				0.0001
Petroleum coke .....			NA	<sup>a</sup> NA

<sup>a</sup>Emission factors for kraft calciners are not available.

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**Subpart BB—Silicon Carbide Production**

**§ 98.280 Definition of the source category.**

Silicon carbide production includes any process that produces silicon carbide for abrasive purposes.

**§ 98.281 Reporting threshold.**

You must report GHG emissions under this subpart if your facility contains a silicon carbide production process and the facility meets the requirements of either § 98.2(a)(1) or (a)(2).

**§ 98.282 GHGs to report.**

You must report:

(a) CO<sub>2</sub> and CH<sub>4</sub> process emissions from all silicon carbide process units or furnaces combined.

(b) CO<sub>2</sub>, CH<sub>4</sub>, and N<sub>2</sub>O emissions from each stationary combustion unit. You must report these emissions under subpart C of this part (General Stationary Fuel Combustion Sources) by following the requirements of subpart C.

**§ 98.283 Calculating GHG emissions.**

You must calculate and report the annual process CO<sub>2</sub> emissions from each silicon carbide process unit or production furnace using the procedures in either paragraph (a) or (b) of this section. You must determine CH<sub>4</sub> process emissions in accordance with the procedures specified in paragraph (d) of this section.

(a) Calculate and report under this subpart the process CO<sub>2</sub> emissions by operating and maintaining CEMS according to the Tier 4 Calculation Methodology specified in § 98.33(a)(4) and all associated requirements for Tier 4 in subpart C of this part (General Stationary Fuel Combustion Sources).

(b) Calculate and report under this subpart the process CO<sub>2</sub> emissions using the procedures in paragraphs (b)(1) and (b)(2) of this section.

(1) Use Equation BB-1 of this section to calculate the facility-specific emissions factor for determining CO<sub>2</sub> emissions. The carbon content must be measured monthly and used to calculate a monthly CO<sub>2</sub> emissions factor: