

**§ 98.278**

**40 CFR Ch. I (7–1–14 Edition)**

for each emissions source listed under § 98.270(b).

(b) Annual analyses of spent pulping liquor HHV for each chemical recovery furnace at kraft and soda facilities.

(c) Annual analyses of spent pulping liquor carbon content for each chemical recovery combustion unit at a sulfite or semichemical pulp facility.

(d) Annual quantity of spent liquor solids combusted in each chemical recovery furnace and chemical recovery combustion unit, and the basis for determining the annual quantity of the spent liquor solids combusted (whether based on T650 om-05 Solids Content of

Black Liquor, TAPPI (incorporated by reference, *see* § 98.7) or an online measurement system). If an online measurement system is used, you must retain records of the calculations used to determine the annual quantity of spent liquor solids combusted from the continuous measurements.

(e) Annual steam purchases.

(f) Annual quantities of makeup chemicals used.

**§ 98.278 Definitions.**

All terms used in this subpart have the same meaning given in the Clean Air Act and subpart A of this part.

**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**

**OOD FURNISH**

Wood furnish	Biomass-based emissions factors (kg/mmBtu HHV)		
	<sup>a</sup> CO <sub>2</sub>	CH <sub>4</sub>	N <sub>2</sub> O
North American Softwood .....	94.4	0.0019	0.00042
North American Hardwood .....	93.7	0.0019	0.00042
Bagasse .....	95.5	0.0019	0.00042
Bamboo .....	93.7	0.0019	0.00042
Straw .....	95.1	0.0019	0.00042

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

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**TABLE AA-2 TO SUBPART AA OF PART 98—KRAFT LIME KILN AND CALCINER EMISSIONS FACTORS FOR 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 (any type) .....	0.0027	0	0.0027	0.0003
Distillate Oil (any type) .....	0.0027	0	0.0027	0.0004
Natural Gas .....	0.0027	0	0.0027	0.0001
Biogas .....	0.0027	0	0.0027	0.0001
Petroleum coke .....	0.0027	0	<sup>a</sup> NA	<sup>a</sup> NA
Other Fuels .....	See Table C-2	0	See Table C-2	See Table C-2

<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).