

**State of Georgia
Department of Natural Resources
Environmental Protection Division**

**Permit No.
2499-075-0028-E-01-0**

- 7.9 The Permittee shall calculate and record the amount of CO emissions from the entire facility in each calendar month, using the following equation:
[391-3-1-.02(6)(b)1.]

$$ER_{CO} = (EF_{CO/S1} * H_B) / 2,000$$

Where:

- ER_{CO} = Monthly CO emission rate from the entire facility, in tons per month.
- EF_{CO/S1} = CO emission factor for Stack S1, in lbs CO/MMBtu.
- H_B = Monthly combined heat input into BUR1 – BUR4, combined, determined and recorded in accordance with Conditions 7.6d. and e.
- 2,000 = Conversion Factor to Convert Pound into Ton.

The Permittee shall calculate CO emissions from the entire facility by using the following emission factor and the equation provided in this condition prior to initial performance tests. If any performance testing required in Conditions 6.3b.i. and 6.4 reveals emission factors higher than the emission factor listed below, the Permittee shall comply with Condition 6.7.

Table 7.10: CO Emission Factor That Should Be Used Before Any Test Results Are Available

Pollutant	Stack S1 (BIO Outlet)
	BUR1 – BUR4
CO	0.194 lb/MMBtu

The Permittee shall use the monthly records to calculate the facility-wide CO emissions during each calendar month. The Permittee shall notify the Division in writing if the facility-wide CO emissions exceed 20.75 tons during any calendar month. This notification shall be postmarked by the fifteenth day of the following month and shall include an explanation of how the Permittee intends to maintain compliance with the CO emission limitation in Condition 2.1.

- 7.10 The Permittee shall calculate and record the amount of VOC emissions from the entire facility in each calendar month, using the following equation:
[391-3-1-.02(6)(b)1.]

$$ER_{VOC} = (EF_{VOC/S1} * W_{COOL}) / 2,000$$

Where:

- ER_{VOC} = Monthly VOC emission rate from the entire facility, in tons per month.
- EF_{VOC/S1} = VOC emission factor for Stack S1, in lbs VOC/ton wood.
- W_{COOL} = Monthly throughput of COOL1 and COOL2, combined, determined and recorded in accordance with Condition 7.6b.
- 2,000 = Conversion Factor to Convert Pound into Ton.