

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

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

- a. NO_x E.F. for Stack S1, in lbs NO_x/MMBtu.
- b. CO E.F. for the RTO inlet and outlet, in lbs CO/MMBtu.
- c. CO destruction/removal efficiency (DRE_{CO}) for RTO.
$$DRE (\%) = (\text{Inlet E.F.} - \text{Outlet E.F.}) * 100 / (\text{Inlet E.F.})$$
- d. VOC E.F. for the RTO inlet and outlet, in lbs VOC/ton wood.
- e. VOC destruction/removal efficiency (DRE_{VOC}) for RTO.
- f. VOC E.F. for Stack S2, in lbs VOC/ton wood.
- g. Total PM E.F. for Stack S1, in lbs Total PM/ton wood.
- h. Total PM E.F. for Stack S2, in lbs Total PM/ton wood.
- i. Total PM E.F. for Stack S4, in lbs/hr.
- j. Total PM E.F. for Stack S5, in lbs/hr.
- k. Total PM E.F. for Stack S6, in lbs/hr.
- l. HAP (Acetaldehyde, Acrolein, Formaldehyde, Hydrogen chloride, Methanol, Phenol, Propionaldehyde; and Other HAPs) E.F. for the RTO inlet and outlet, in lbs HAP/ton wood.
- m. HAP (Acetaldehyde, Acrolein, Formaldehyde, Hydrogen chloride, Methanol, Phenol, Propionaldehyde; and Other HAPs) destruction/removal efficiency (DRE_{HAP}) for RTO.
- n. HAP (Acetaldehyde, Acrolein, Formaldehyde, Hydrogen chloride, Methanol, Phenol, Propionaldehyde; and Other HAPs) E.F. for Stack S2, in lbs HAP/ton wood.
- i. HAP (Acetaldehyde, Acrolein, Formaldehyde, Hydrogen chloride, Methanol, Phenol, Propionaldehyde; and Other HAPs) E.F. for the finished pellet silos (ID Nos. SILO1 – SILO16).
- j. Arsenic and hexavalent chromium E.F. for Stack S1, in lbs As or Cr VI per ton wood.

For the emission factors in the unit of lbs/hr, if any of the most recent tests are conducted at a capacity lower than the maximum/design capacity, the test results must be adjusted proportionally to show the emission rates at the maximum/design capacity.