

**Environmental Protection Agency**

**§ 63.5885**

Method 204 of appendix M to 40 CFR part 51. If a PTE does not exist, then a temporary total enclosure must be constructed and verified using EPA Method 204, and capture efficiency testing must be determined using EPA Methods 204B through E of appendix M to 40 CFR part 51.

(b) The capture efficiency of an oven is to be considered 100 percent, provided the oven is operated under negative pressure.

**§ 63.5880 How do I determine how much neat resin plus is applied to the line and how much neat gel coat plus is applied to the line for continuous lamination/casting operations?**

Use the following procedures to determine how much neat resin plus and neat gel coat plus is applied to the line each year.

(a) Track formula usage by end product/thickness combinations.

(b) Use in-house records to show usage. This may be either from automated systems or manual records.

(c) Record daily the usage of each formula/end product combination on each line. This is to be recorded at the end of each run (*i.e.*, when a changeover in formula or product is made) and at the end of each shift.

(d) Sum the amounts from the daily records to calculate annual usage of each formula/end product combination by line.

**§ 63.5885 How do I calculate percent reduction to demonstrate compliance for Continuous Lamination/Casting Operations?**

You may calculate percent reduction using any of the methods in paragraphs (a) through (d) of this section.

(a) *Compliant line option.* If all of your wet-out areas have PTE that meet the requirements of EPA Method 204 of appendix M of 40 CFR part 51, and all of your wet-out area organic HAP emissions and oven organic HAP emissions are vented to an add-on control device, use Equation 1 of this section to demonstrate compliance. In all other situations, use Equation 2 of this section to demonstrate compliance.

$$PR = \frac{(\text{Inlet}) - (\text{Outlet})}{(\text{Inlet})} \times 100 \quad (\text{Eq. 1})$$

Where:

PR=percent reduction

Inlet=HAP emissions entering the control device, lbs per year

Outlet=HAP emissions exiting the control device to the atmosphere, lbs per year

$$PR = \frac{(\text{WAE}_u + \text{O}_u) - (\text{WAE}_c + \text{O}_c)}{(\text{WAE}_u + \text{O}_u)} \times 100 \quad (\text{Eq. 2})$$

Where:

PR=percent reduction

WAE<sub>u</sub>=uncontrolled wet-out area organic HAP emissions, lbs per year

O<sub>u</sub>=uncontrolled oven organic HAP emissions, lbs per year

WAE<sub>c</sub>=controlled wet-out area organic HAP emissions, lbs per year

O<sub>c</sub>=controlled oven organic HAP emissions, lbs per year

(b) *Averaging option.* Use Equation 3 of this section to calculate percent reduction.

$$PR = \frac{\left( \sum_{i=1}^m \text{WAE}_{ui} + \sum_{j=1}^n \text{O}_{uj} \right) - \left( \sum_{i=1}^o \text{WAE}_{ci} + \sum_{j=1}^p \text{O}_{cj} \right)}{\left( \sum_{i=1}^m \text{WAE}_{ui} + \sum_{j=1}^n \text{O}_{uj} \right)} \times 100 \quad (\text{Eq. 3})$$