
40 C.F.R. § 63.5890

How do I calculate an organic HAP emissions factor to demonstrate compliance for continuous lamination/casting operations?

(a) *Compliant line option.* Use Equation 1 of this section to calculate an organic HAP emissions factor in lbs/ton.

$$E = \frac{WAE_u + WAE_c + O_u + O_c}{(R + G)} \quad (\text{Eq. 1})$$

Where:

E = HAP emissions factor in lbs/ton of resin and gel coat
WAE_u = uncontrolled wet-out area organic HAP emissions, lbs per year
WAE_c = controlled wet-out area organic HAP emissions, lbs per year
O_u = uncontrolled oven organic HAP emissions, lbs per year
O_c = controlled oven organic HAP emissions, lbs per year
R = total usage of neat resin plus, tpy
G = total usage of neat gel coat plus, tpy
(b) *Averaging option.* Use Equation 2 of this section to demonstrate compliance.

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