$$HAP_{WD} = \frac{\sum\limits_{j=1}^{n}(Vol_j)(D_j)(W_j)}{\sum\limits_{i=1}^{m}(Vol_i)(Solids_i)} \quad (Eq. 1)$$

Where:

HAP_{WD}= weighted-average organic HAP content of aluminum wipedown solvents, kilograms of HAP per liter of total coating solids from aluminum primers, top coats, and clear coats.

n = number of different wipedown solvents used in the past 12 months.

Vol_j= volume of aluminum wipedown solvent j used in the past 12 months, liters.

D_j= density of aluminum wipedown solvent j, kilograms per liter.

W_j= mass fraction of organic HAP in aluminum wipedown solvent j.

m = number of different aluminum surface coatings (primers, top coats, and clear coats) used in the past 12 months.

Vol_i = volume of aluminum primer, top coat, or clear coat i used in the past 12 months, liters.

$Solids_i$= solids content aluminum primer, top coat, or clear coat i, liter solids per liter of coating.

(b) Compliance is based on a 12-month rolling average. If the weighted-average organic HAP content does not exceed 0.33 kilograms of organic HAP per liter of total coating solids, then you are in compliance with the emission limit specified in § 63.5743(a)(1).

§ 63.5752   How do I calculate the organic HAP content of aluminum recreational boat surface coatings?

(a) Use equation 1 of this section to calculate the weighted-average HAP content for all aluminum surface coatings used in the past 12 months.

$$HAP_{SC} = \frac{\sum\limits_{i=1}^{m}(Vol_i)(D_i)(W_i) + \sum\limits_{k=1}^{D}(Vol_k)(D_k)(W_k)}{\sum\limits_{i=1}^{m}(Vol_i)(Solids_i)} \quad (Eq. 1)$$

Where:

HAP_{SC} = weighted-average organic HAP content for all aluminum coating materials, kilograms of organic HAP per liter of coating solids.

m = number of different aluminum primers, top coats, and clear coats used in the past 12 months.

Vol_i = volume of aluminum primer, top coat, or clear coat i used in the past 12 months, liters.

D_i= density of coating i, kilograms per liter.

W_i= mass fraction of organic HAP in coating i, kilograms of organic HAP per kilogram of coating.

p = number of different thinners, activators, and other coating additives used in the past 12 months.

Vol_k= total volume of thinner, activator, or additive k used in the past 12 months, liters.

D_k= density of thinner, activator, or additive k, kilograms per liter.

W_k= mass fraction of organic HAP in thinner, activator, or additive k, kilograms of organic HAP per kilogram of thinner or activator.

$Solids_i$= solids content of aluminum primer, top coat, or clear coat i, liter solids per liter of coating.

(b) Compliance is based on a 12-month rolling average. If the weighted-average organic HAP content does not exceed 1.22 kilograms of organic HAP per liter of coating solids, then you are in compliance with the emission limit specified in § 63.5743(a)(2).

§ 63.5753   How do I calculate the combined organic HAP content of aluminum wipedown solvents and aluminum recreational boat surface coatings?

(a) Use equation 1 of this section to calculate the combined weighted-average organic HAP content of aluminum wipedown solvents and aluminum recreational boat surface coatings.