

Figure: 30 TAC §115.473(a)(3)

Equation 1.

$$S = \frac{C}{\left(1 - \left(\frac{C}{D}\right)\right)}$$

Where:

S = The applicable volatile organic compounds (VOC) emission limit expressed on a pounds of VOC per gallon of solids basis.

C = The applicable VOC content limit from Tables 1 - 3 in subsection (a) of this section expressed on a pounds of VOC per gallon of adhesive basis.

D = An assumed density of 7.36 pounds of VOC per gallon of VOC.

Equation 2.

$$E = \frac{(VOC - S)}{VOC}$$

Where:

E = The required overall control efficiency, decimal fraction.

VOC = The volatile organic compounds (VOC) content of the adhesives or adhesive primers used for each application process expressed on a solids basis in pounds of VOC per gallon of solids. The owner or operator may choose to use either a daily weighted average or the maximum VOC content.

S = The applicable VOC emission limit expressed on a pounds of VOC per gallon of solids basis calculated using Equation 1.