

Figure: 30 TAC §115.420(c)(1)(EEEE)

$$PP_c = \frac{\sum_{i=1}^n \frac{W_i}{MW_i} \times VP_i}{\frac{W_w}{MW_w} + \sum_{e=1}^n \frac{W_e}{MW_e} + \sum_{i=1}^n \frac{W_i}{MW_i}}$$

Where:

$W_i$  = weight of the "i"th volatile organic compounds (VOC) compound, grams

$W_w$  = weight of water, grams

$W_e$  = weight of nonwater, non-VOC compound, grams

$MW_i$  = molecular weight of the "i"th VOC compound, g/g-mole

$MW_w$  = molecular weight of water, g/g-mole

$MW_e$  = molecular weight of exempt compound, g/g-mole

$PP_c$  = VOC composite partial pressure at 20 degrees Celsius, millimeters of mercury (mm Hg)

$VP_i$  = vapor pressure of the "i"th VOC compound at 20 degrees Celsius, mm Hg