

**Figure: 30 TAC §112.243(f)**

$$SO_{2,121} = \sum_{i=1}^{\tau} (\pi_{121} \times \sigma_i)$$

Where:

$SO_{2,121}$  = Emissions of  $SO_2$  expressed in units of pounds per hour from EPN 121;

$i$  = the carbon black production units;

$\tau$  = the number of carbon black production units contributing carbon black oil furnace tail gas to EPN 121;

$\sigma_i$  = emissions of  $SO_2$  expressed in units of pounds per hour calculated by §112.243(j) of this title for each production unit contributing carbon black oil furnace tail gas to EPN 121; and

$\pi_{121}$  = the split coefficient determined by dividing the volumetric flow of tail gas to EPN 121 by the total volumetric flow of tail gas generated by each carbon black production unit contributing carbon black oil furnace tail gas to EPN 121.