Figure: 30 TAC §112.243(h)

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

Where:

$SO_{2,\text{Flare}}$ = Emissions of SO_2 expressed in units of pounds per hour from the Plant 1, Unit 1 Primary Bag Filter Flare (EPN Flare 1) or New Flare (EPN New Flare) as applicable;

i= the carbon black production units;

τ = the number of carbon black production units contributing carbon black oil furnace tail gas to the flare;

σ_i = emissions of SO_2 expressed in units of pounds per hour calculated by 30 TAC §112.243(j) for each production unit contributing carbon black oil furnace tail gas to the flare; and

π_{Flare} = the split coefficient determined by dividing the volumetric flow of tail gas to the flare by the total volumetric flow of tail gas generated by each carbon black production unit contributing carbon black oil furnace tail gas to the flare.