Figure: 30 TAC §112.203(d)

$$SO_2 = Scc \times FFa \times \frac{Tsc}{Ta} \times \frac{Pa}{Psc} \times \frac{lb\ mole}{385.27\ scf} \times \frac{64.06\ lb\ SO_2}{lb\ mole}$$

Where:

SO_2 = Sulfur dioxide emissions in units of pounds per hour;

Scc = inlet sulfur compound concentration in cubic feet per 1,000,000 cubic feet of waste gas;

FFa = inlet waste gas stream flow in actual cubic feet per hour;

Psc = regulatory standard condition pressure of 14.7 pounds per square inch (psia);

Pa = FFa measurement pressure in units of psia;

Tsc = regulatory standard condition temperature of 528 degrees Rankin; and

Ta = inlet actual stream temperature in degrees Rankin.