Figure: 30 TAC §112.233(d)(3)(A)

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

Where:

SO_2 = affected combustion equipment sulfur dioxide emissions in pounds per hour;

Fsc = fuel total sulfur concentration in cubic feet per 1,000,000 cubic feet of flared gas;

FFa = fuel 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 = fuel temperature in degrees Rankin.