



OAR 340-220-0160

Determining Sulfur Dioxide Emissions Using Material Balance

(3) $\text{SO}_2 = \%S/100 \times F \times 2$

Where:

- SO_2 = Sulfur dioxide emissions for each quantity of fuel, tons
- %S = Percent sulfur in the fuel being burned, % (w/w).
- F = Amount of fuel burned, based on a quantity measurement, tons
- 2 = Pounds of sulfur dioxide per pound of sulfur

(4) $\text{SO}_{2\text{adj}} = \text{SO}_2 \times 0.97$

Where:

- $\text{SO}_{2\text{adj}}$ = Sulfur dioxide adjusted for sulfur retention (40 CFR Part 60, Appendix A, Method 19, Section 5.2)
- SO_2 = Sulfur dioxide emissions from each quantity burned (OAR 340-220-0140(3))