**OAR 340-220-0160 - Equations**



**Determining Sulfur Dioxide Emissions Using Material Balance**

**(3) SO2 = %S/100 x F x 2**

# Where:

* SO2 = 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

1. **SO2adj = SO2 x 0.97**

# Where:

* + SO2adj = Sulfur dioxide adjusted for sulfur retention (40 CFR Part 60, Appendix A, Method 19, Section 5.2)
  + SO2 = Sulfur dioxide emissions from each quantity burned (OAR 340-220- 0140(3))