

$$x_{\text{H2dry}} = \frac{x_{\text{COdry}} \cdot \left( x_{\text{H2Oexhdry}} - x_{\text{H2Odil}} \cdot x_{\text{dil/exhdry}} \right)}{K_{\text{H2O-gas}} \cdot \left( x_{\text{CO2dry}} - x_{\text{CO2dil}} \cdot x_{\text{dil/exhdry}} \right)}$$

Eq. 1065.655-4