

$$W_{\text{NO}_X} = \left(G_{\text{AIRD}} + G_{\text{FUEL}} \right) \times \frac{M_{\text{NO}_2}}{M_{\text{exh}}} \times W_{\text{NO}_X} \times K_{\text{H}} \times \frac{1}{10^6}$$

$$W_{\text{HC}} = \left(G_{\text{AIRD}} + G_{\text{FUEL}} \right) \times \frac{M_{\text{HC}_{\text{exh}}}}{M_{\text{exh}}} \times W_{\text{HC}} \times \frac{1}{10^6}$$

$$W_{\text{CO}} = \left(G_{\text{AIRD}} + G_{\text{FUEL}} \right) \times \frac{M_{\text{CO}}}{M_{\text{exh}}} \times W_{\text{CO}} \times \frac{1}{10^2}$$