$$\dot{n}_{\mathrm{exh}} = \frac{\dot{m}_{\mathrm{fuel}} \cdot w_{\mathrm{c}} \cdot \left(1 + x_{\mathrm{H2Oexhdry}}\right)}{M_{\mathrm{c}} \cdot x_{\mathrm{Ccombdry}}}$$

Eq. 1065.655-21