

$$CO_2 = \frac{44}{12} * \left[ (F_g) * (C_{g_f}) * \frac{MW}{MVC} * 0.0001 + (Feed) * (C_{Feed}) - (Sinter) * (C_{Sinter}) - (R) * (C_R) \right] \quad (\text{Eq. Q-4})$$