

$$CO_2 = \left[(V_G \times FM_{CO_2}) + \left(\sum_{k=1}^m (FM_k \times AC_k) \times V_G \times eff_t \right) \right] \times \left[\frac{T_{CR} \times P_t}{T_t \times P_{CR}} \right] \times \rho_{CO_2} \times 0,001$$