$$CH_{4D} = \sum_{i=1}^{n} \left(V_i * MCF_i * \frac{C_i}{100\%} * 0.0423 \frac{520^\circ R}{T_i} * \frac{P_i}{1 atm} * 1{,}440 * \frac{0.454}{1{,}000} \right) \qquad \text{(Eq. FF-3)}$$