

$$CO_2 \text{ } C_{li,m} = \sum_{j=1}^p \left[(C_{li,j}) * (EF_{C_{li,j}}) * \frac{20000}{2205} \right] + \sum_{i=1}^r \left[(C_{KD,i}) * (EF_{C_{KD,i}}) * \frac{20000}{2205} \right] \quad (\text{Eq. H-2})$$