$$CF_{avg} = \frac{\sum_{i=1}^{n}(F_{g,i} * \frac{MW_i}{MVC} * C_{g,f,i} * 0.001 + F_{l,i} * C_{lf,i} * 0.001 + F_{s,i} * C_{sf})}{Fuel} \quad \text{(Eq. Q-12)}$$