$$\dot{Q}_h^{k=1}\left(T_j\right) = \dot{Q}_h^{k=1}(47) + \frac{\dot{Q}_h^{k=1}(62) - \dot{Q}_h^{k=1}(47)}{62 - 47} \cdot \left(T_j - 47\right) \qquad (4.2.4\text{-}1)$$