

$$1) \quad E_{\text{prim}} = \phi_n \text{ W.U.}/(d_{\text{prim}})^2 \quad (1)$$

$$2) \quad E_{\text{dif}} = \phi_n^a \text{ W F}/400 (d_{\text{dif}})^2 (d_{\text{sec}})^2 \quad (2)$$

$$3) \quad E_f = \phi_t \text{ W}/d_{\text{sec}}^2 \quad (3)$$