

ERRATA as of October 20, 2017
ACI/TMS 216.1-14
Code Requirements for Determining Fire Resistance of Concrete and Masonry
Construction Assemblies
First Printing
Reported by ACI/TMS Committee 216

Eq. 4.4.2.2e gives does not provide results in correct units. Replace with:

$$M_{n\theta} = [A_s f_y \theta (d_{ef} - a\theta/2)] / 12$$

Sec. 2.1 add new notation:

R_m = fire resistance of assembly, minutes

Eq. 4.6a, replace with:

$$R_m = R_o(1+0.03m)$$

Where:

R_m = fire resistance of assembly, minutes

R_o = fire resistance at zero moisture content, minutes

m = equivalent moisture content of the concrete by volume, percent

Eq. 5.6a is missing a parenthesis. Replace with:

$$R = 0.401(A_{st}/p_s)^{0.7} + [0.285(T_{ea}^{1.6}/k_{cm}^{0.2})] \times [1.0 + 42.7\{(A_{st}/w_{cm}T_{ea}) / (0.25p + T_{ea})\}^{0.8}]$$

(missing parenthesis is immediately before 0.25p)