

ERRATA for
FE Reference Handbook 10.0.0

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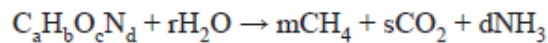
Errata below has been corrected in *FE Reference Handbook 10.0.1*. The exam will be administered using the updated version of the handbook.

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CHEMISTRY AND BIOLOGY

p. 87, Anaerobic Biodegradation of Organic Wastes, Complete Stabilization

Equations were revised as follows:



$$r = \frac{4a - b - 2c + 3d}{4}$$

$$s = \frac{4a - b + 2c + 3d}{8}$$

$$m = \frac{4a + b - 2c - 3d}{8}$$

THERMODYNAMICS

p. 160

Added P-h Diagram for Refrigerant HFC-134a (metric units)

CIVIL ENGINEERING

p. 282 Tension Members

Revised the definitions as shown:

Bolt diameter: d_b

Nominal hole diameter: $d_h = d_b + \frac{1}{16}$ "

Gross width of member: b_g

Member thickness: t

Connection eccentricity: \bar{x}

Gross area: $A_g = b_g t$ (use tabulated areas for angles)

Net area (parallel holes): $A_n = \left[b_g - \Sigma \left(d_b + \frac{1}{16} \right) \right] t$

Net area (staggered holes):

$$A_n = \left[b_g - \Sigma \left(d_b + \frac{1}{16} \right) + \Sigma \frac{s^2}{4g} \right] t$$

s = longitudinal spacing of consecutive holes

g = transverse spacing between lines of holes