

**Date of Issue:** August 2015

**Affected Publication:** API Specification 11E, *Specification for Pumping Units*, Nineteenth Edition, November 2013

## ERRATA

Page 21, Equation (13) shall read:

$$I_p = \left( \frac{\cos \phi_t \sin \phi_t}{2} \right) \left( \frac{m_g}{m_g + 1} \right) \left( \frac{L_{\min}}{F} \right)$$

Page 22, Equation (16) shall read:

$$C_3 = \left( \frac{\cos \phi_t \sin \phi_t}{2} \right) \left( \frac{m_g}{m_g + 1} \right) \left( \frac{0.95z}{p_N} \right) \left( \frac{S_{ac}}{C_p} \right)^2$$

Page 23, Equation (17) in USC units shall read:

$$T_{ac} = \left( \frac{n_p d^2 C_5}{2n_o} \right) \left( \frac{F}{C_m} k_h \right) \left( \frac{\cos \phi_t \sin \phi_t}{2} \right) \left( \frac{m_g}{m_g + 1} \right) \left( \frac{0.95z}{p_N} \right) \left( \frac{S_{ac}}{C_p} \right)^2$$

Page 23, Equation (17) in SI units shall read:

$$T_{ac} = \left( \frac{n_p d^2 C_5}{2000n_o} \right) \left( \frac{F}{C_m} k_h \right) \left( \frac{\cos \phi_t \sin \phi_t}{2} \right) \left( \frac{m_g}{m_g + 1} \right) \left( \frac{0.95z}{p_N} \right) \left( \frac{S_{ac}}{C_p} \right)^2$$

Page 94, From Equation (8), In SI units, the second equation shall read:

$$S_{ac} = 890.1 \text{ MPa (see Figure 3)}$$