



American Water Works
Association

Errata to
AWWA Manual M11
Steel Pipe—A Guide for Design and Installation, 4th ed.
(December 2013)

Chapter 1

1. On page 1, paragraph 2, line 6 under History, the metric conversion should read 15,000 psi (103.42 MPa).
2. On page 7, paragraph 2, lines 6 and 7 under Stress and Strain, “min” should read “µin.”
3. On page 8, paragraph 2, lines 2 and 4, respectively, the metric conversions should read 30,000,000 psi (207 TPa) and 30 psi (207 kPa).
4. On page 10, paragraph 1, line 2, the metric conversion should read 30 psi (207 kPa).
5. On page 10, paragraph 1, line 4, “5,000 min/in.” should read “5,000 µin./in.”
6. On page 10, paragraph 2, line 6, “5,000 min/in.” should read “5,000 µin./in.”
7. On page 10, paragraph 2, line 8, “300,000 min/in.” should read “300,000 µin./in.”
8. On page 11, paragraph 5, lines 6 and 10, under Analysis Based on Strain, “1,750 min/in.” should read “1,750 µin./in.”
9. On page 11, paragraph 7, line 2, under Analysis Based on Strain, “5,000 min/in.” should read “5,000 µin./in.”
10. On page 18, Eq 1-1 should read
$$\sigma_n = \sigma_2 (\cos^2 \alpha) + \sigma_1 (\sin^2 \alpha) \quad (1-1)$$

Chapter 6

11. On page 62, Table 6-1, column 1, Type of Soil, replace “Coarse-grained soils with little or no fines (SP, SM, GP, GW)” with “Coarse-grained soils with little or no fines (SP, SW, GP, GW).”
12. On page 67, line 5, replace $(P = 0.7(4)(28,152) = 7,883 \text{ kg/m}^2)$ with $(P = 0.07(4)(28,152) = 7,883 \text{ kg/m}^2)$.

Awwa Manual

Jicheng Xie



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