

Page Error Correction

xxviii Thomas J. Schlitz

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28 Table 3.2

Use the following values for the very fine sand diameter:

Particle size class	Diameter, in.
Very fine sand	0.004–0.002

260 Paragraph 2, line 3

The text should read greater than: **(T) > 2L ÷ a**

398 Table 11.1

Use the following values for the fine wetted area:

Soil texture	Wetted area	
	ft ²	m ²
Fine	20–40	1.8–3.6

404 Equation 11.3

Replace the equation with the following:

$$\frac{P_m}{P_a} = \left(\frac{EU}{1 - \frac{1.27 \times C_v}{\sqrt{n}}} \right)^{\frac{1}{x}}$$

473 Table 12.3

Replace the entire table with this table:

Voltage loss per 1,000 ft (305 m) of one-way wire run*																
Flow (amps) ↓	American wire gauge (AWG)															
	18	16	14	14/12	14/10	12	10	8	6	4	2	1	0	00	000	0000
R_w (Ω/1,000') →	6.385	4.016	2.525	2.057	1.762	1.588	0.999	0.628	0.395	0.249	0.156	0.124	0.098	0.078	0.062	0.049
0.1	1.28	0.80	0.51	0.41	0.35	0.32	0.20	0.13	0.08	0.05	0.03	0.02	0.02	0.02	0.01	0.01
0.2	2.55	1.61	1.01	0.82	0.70	0.64	0.40	0.25	0.16	0.10	0.06	0.05	0.04	0.03	0.02	0.02
0.3	3.83	2.41	1.52	1.23	1.06	0.95	0.60	0.38	0.24	0.15	0.09	0.07	0.06	0.05	0.04	0.03
0.4	5.11	3.21	2.02	1.65	1.41	1.27	0.80	0.50	0.32	0.20	0.13	0.10	0.08	0.06	0.05	0.04
0.5	6.39	4.02	2.53	2.06	1.76	1.59	1.00	0.63	0.40	0.25	0.16	0.12	0.10	0.08	0.06	0.05
0.6	7.66	4.82	3.03	2.47	2.11	1.91	1.20	0.75	0.47	0.30	0.19	0.15	0.12	0.09	0.07	0.06
0.7	8.94	5.62	3.54	2.88	2.47	2.22	1.40	0.88	0.55	0.35	0.22	0.17	0.14	0.11	0.09	0.07
0.8	10.2	6.43	4.04	3.29	2.82	2.54	1.60	1.01	0.63	0.40	0.25	0.20	0.16	0.12	0.10	0.08
0.9	11.5	7.23	4.55	3.70	3.17	2.86	1.80	1.13	0.71	0.45	0.28	0.22	0.18	0.14	0.11	0.09
1.0	12.8	8.03	5.05	4.11	3.52	3.18	2.00	1.26	0.79	0.50	0.31	0.25	0.20	0.16	0.12	0.10
2.0	25.5	16.1	10.1	8.23	7.05	6.35	4.00	2.51	1.58	0.99	0.63	0.50	0.39	0.31	0.25	0.20
3.0	–	24.1	15.2	12.3	10.6	9.53	5.99	3.77	2.37	1.49	0.94	0.74	0.59	0.47	0.37	0.29
4.0	–	32.1	20.2	16.5	14.1	12.7	7.99	5.03	3.16	1.99	1.25	0.99	0.79	0.62	0.49	0.39
5.0	–	40.2	25.3	20.6	17.6	15.9	9.99	6.28	3.95	2.49	1.56	1.24	0.98	0.78	0.62	0.49
6.0	–	48.2	30.3	24.7	21.1	19.1	12.0	7.54	4.74	2.98	1.88	1.49	1.18	0.94	0.74	0.59
7.0	–	–	35.4	28.8	24.7	22.2	14.0	8.79	5.53	3.48	2.19	1.74	1.38	1.09	0.87	0.69
8.0	–	–	40.4	32.9	28.2	25.4	16.0	10.1	6.32	3.98	2.50	1.98	1.57	1.25	0.99	0.78
9.0	–	–	45.5	37.0	31.7	28.6	18.0	11.3	7.11	4.47	2.81	2.23	1.77	1.40	1.11	0.88
10.0	–	–	50.5	41.1	35.2	31.8	20.0	12.6	7.90	4.97	3.13	2.48	1.97	1.56	1.24	0.98

Page	Error	Correction
575	Line 23	5 mile/h (8.0 m/h) should be 5 mile/h (8.0 km/h) .
575	Equation 14.1	< 0.75 should be < 0.65, then the wind is over 5 mile/h (changed in 2012).
575	Example 14.1	The "Then" statement reads 0.646 ft and should be just 0.646 . The last line should be 5 mile/h (8.0 km/h) .
582	Example 14.3	Just before #4, insert "Test run time is 5 minutes."
607	Example 14.7	NPC natural gas is 66.7 per MCF .



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