

**Errata for Guide to the Use of the Wind Load Provisions of ASCE7-98  
by Kishore C. Mehta and Dale C. Perry**

- Page 1 Line 2 in the 1<sup>st</sup> paragraph: “*Loads for Buildings and Other Structures*”, instead of “*Loads for Buildings and Structures*”
- Page 29 (Equation **6-13**) instead of (Equation **6-1**)
- Page 31 MWFRS Pressures: Leeward Wall: **-13.3**±5.6 psf instead of **13.3**±5.6 psf
- Page 33 Corner Zone 5, 2<sup>nd</sup> line:  $p = 31.3[(0.85)(0.9) - (\pm 0.18)] = 29.7$ psf instead of  $p = 3.13[(0.85)(0.9) - (\pm 0.18)] = 29.7$ psf  
Corner Zone 4, 2<sup>nd</sup> line:  $p = 31.3[(0.85)(0.9) - (\pm 0.18)] = 29.7$ psf instead of  $p = 3.13[(0.85)(0.9) - (\pm 0.18)] = 29.7$ psf
- Page 34 Eave Zone 2 and Corner Zone 3:  $31.3 [-1.1 \pm 0.18] = -40.1$  psf instead of  $31.3 [-0.9 \pm 0.18] = -33.8$  psf
- Page 37 Last Para 2<sup>nd</sup> Line: **-13.6** psf to -29.5 psf instead of **13.6** psf to -29.5psf
- Page 40 Equation **6-13** instead of equation **6-1**  
Last Para: “Values for  $K_z$  .... are given in **Table 3.3.1**” instead of “Values for  $K_z$  ... are given in **Table 3.5.1**”
- Page 42  $G = 0.925 \{ \dots \}$  (**Equation 6-2**) instead of (**Equation 6-4**)  
  
 $L_z = l (z/33)^e = \dots$  (**Equation 6-5 and Table 6-4**)
- Page 44  $p = qG C_p - q_h(G C_{pi})$  (**Equation 6-15**) instead of (**Table 6-1**)
- Page 46 In the title for figure 3.3.2, **delete** the word “**Net**”.  
**Add a note** to the figure: “Note: Internal pressures of +6.3psf and -6.3 psf are to be added to the pressures shown, resulting in two load cases.”
- Page 47 Figure 3.3.3 : **Add a note**: “ Note: Internal pressures of +6.3psf and -6.3 psf are to be added to the pressures shown, resulting in two load cases.”
- Page 50 Table 3.3.11:  $A < 10$ sq ft: Zone 1: **-55.5** instead of **-55.1**
- Page 52 The velocity pressure equation is:  $q_z = 0.00256 K_z K_{zt} K_d V^2 I$  psf instead of  $q_z = 0.00256 K_z K_{zt} V^2 I$  psf  
  
Last Line:  $q_z = 0.00256 K_z K_{zt} (0.85)(120)^2 (1.0)$  instead of  $q_z = 0.00256 K_z K_{zt} (120)^2 (1.0)$  ; values in Table 3.4.1 are correct
- Page 56 Velocity Pressures:  $q_z = 0.00256 K_z K_{zt} K_d V^2 I$  psf instead of  $q_z = 0.00256 K_z K_{zt} G V^2 I$  psf  
  
Velocity Pressures: (Equation **6-13**) instead of (equation **6-1**)

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Line 8:  $4. H/L_h = 150/600 = \mathbf{0.25}$  instead of  $H/L_h = 150/600 = \mathbf{0.4}$

Line 11: For  $H/L_h = \mathbf{0.25}$  instead of For  $H/L_h = \mathbf{0.4}$

Line 12:  $K1 = (0.95)(\mathbf{0.25}) = \mathbf{0.24}$  instead of  $K1 = (0.95)(\mathbf{0.4}) = \mathbf{0.38}$

Line 15:  $Kzt = [1+(\mathbf{0.24})(0.72)(0.90)]^2 = \mathbf{1.33}$  instead of  $Kzt = [1+(\mathbf{0.38})(0.72)(0.90)]^2 = \mathbf{1.56}$

Line 18:  $=0.00256(0.57)(\mathbf{1.33})(0.85)(0.90)^2(1.0)$  instead of  
 $=0.00256(0.57)(\mathbf{1.56})(0.85)(0.90)^2(1.0)$

Line 19:  $=\mathbf{13.4psf}$  instead of  $=\mathbf{15.7psf}$

Line 21:  $\mathbf{33\%}$  instead of  $\mathbf{56\%}$

Line 21-22: ( $\mathbf{13.4 psf}$  versus  $\mathbf{10.1 psf}$ ) instead of (  $\mathbf{15.7psf}$  versus  $\mathbf{10.1 psf}$  )

Line 23:  $\mathbf{33\%}$  instead of  $\mathbf{56\%}$

Line 23:  $\mathbf{48\%}$  instead of  $\mathbf{80\%}$

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Table 3.7.6: Leeward wall  $Cp=\mathbf{-0.45}$  (**minus sign is missing**)

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Equation **6-13** instead of Equation **6-1**

$Kzt=1.0$  topographic factor, see **section 6.5.7.1** instead of **section 6.5.71**

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Corner 1, Case A : surface 2E  $p=\mathbf{18.0}[(-1.07) - (\pm 0.18)]$  instead of  
 $p=\mathbf{21.2}[(-1.07) - (\pm 0.18)]$

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Table 3.8.4:  $GCpf$  for Surface 1E is  $\mathbf{0.78}$  (**there is no minus sign**)

Table 3.8.6:  $+GCpi$  for Surface 4 is  $\mathbf{-8.5}$  instead of  $\mathbf{-7.6}$

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Figure 3.8.6: value at the top of the page should be  $\mathbf{8.5 psf}$  instead of  $\mathbf{7.6 psf}$

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Table 3.9.5: Windward wall  $+GCpi$  for  $z=15-20$  will be  $\mathbf{2.1}$  (**no minus sign**)

Table 3.9.5: Windward wall  $+GCpi$  for  $z=20-25$  will be  $\mathbf{2.8}$  (**no minus sign**)