

## Errata to ANSI/TPI 1-2014

# “National Design Standard for Metal Plate Connected Wood Truss Construction”

(6/1/2017)

Page / Description	Correction								
<b>Page 12 (Section 2.3.2.4, g, 6, ii)</b> 150 degrees should be 100 degrees <i>(6/1/2017)</i>	(ii) Sustained temperatures exceeding <del>150</del> 100 degrees F, and/or								
<b>Page 48 (Section 6.2.2.5.1)</b> Missing metric value <i>(6/1/2017)</i>	...shall be no less than 3 inches <u>(76 mm)</u> in width.								
<b>Page 62 (Section 7.3.8.2)</b> Missing metric values <i>(6/1/2017)</i>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: left;"><b>Length of Bearing, l<sub>b</sub></b></td> <td style="text-align: center;">3.5 in. <del>(89 mm)</del></td> <td style="text-align: center;">5.5 in. <del>(140 mm)</del></td> <td style="text-align: center;">6 in.+ <del>(152 mm)</del></td> </tr> <tr> <td style="text-align: left;"><b>Bearing Area Factor, C<sub>b</sub></b></td> <td style="text-align: center;">1.11</td> <td style="text-align: center;">1.07</td> <td style="text-align: center;">1.00</td> </tr> </table>	<b>Length of Bearing, l<sub>b</sub></b>	3.5 in. <del>(89 mm)</del>	5.5 in. <del>(140 mm)</del>	6 in.+ <del>(152 mm)</del>	<b>Bearing Area Factor, C<sub>b</sub></b>	1.11	1.07	1.00
<b>Length of Bearing, l<sub>b</sub></b>	3.5 in. <del>(89 mm)</del>	5.5 in. <del>(140 mm)</del>	6 in.+ <del>(152 mm)</del>						
<b>Bearing Area Factor, C<sub>b</sub></b>	1.11	1.07	1.00						
<b>Page 78 (Equation E8.7-6)</b> Missing the prime on the V <sub>LR</sub> term. <i>(3/18/2016)</i>	<del><math>V_M + V_P \leq V_{LR}</math></del> $V_M + V_P \leq V_{LR}'$								
<b>Page 78 (Section 8.7.1.2)</b> The M term should not have the subscript A. <i>(3/18/2016)</i>	V <sub>M</sub> = Tooth holding stress due to moment (psi/pair) = <del><math>4M_A / (A_{ef}D)</math></del> $4M / (A_{ef}D)$								
<b>Page 19 Commentary (Section §3.7.1)</b> Missing the last part of the third sentence. <i>(3/18/2016)</i>	...Two other significant changes in the 2007 edition of the Standard were that the joints selected for inspection are required to be defined in the Truss Manufacturer’s In-Plant Quality Assurance Program and that no less than one critical joint (as defined in the Standard) per Truss selected for inspection, on average, throughout the plant’s operating set-up locations for each shift <u>shall be inspected.</u>								
<b>Page 24 Commentary (Figure 3.7-2)</b> The figure title is incorrect. <i>(3/18/2016)</i>	<b>Figure C3.7-2</b> <del>Methodology for Counting Teeth with Embedment Gaps</del> <u>Use of Defect Circles</u>								
<b>Page 80 Commentary (Section §8.7.2)</b> The section number and referenced equations are incorrect. <i>(3/18/2016)</i>	<b><del>§8.7.2</del> §8.7.1.2 Design of Plate Lateral Resistance for Effect of Moment</b> ... This check is addressed by Equation <del>E8.7-3</del> <u>E8.7-6</u> . A second check is also required to ensure that the moment stress does not exceed the allowable tooth holding stresses at any orientation, which is checked by Equation <del>E8.7-2</del> <u>E8.7-5</u> ...								

*(Errata Sheet edition shown in parenthesis)*