

Revisions and Errata List
AISC Steel Design Guide 31, 1st Printing (Printed and Digital Editions)
August 20, 2020

The following list represents corrections to the first printing of AISC Design Guide 31, *Castellated and Cellular Beam Design*.

| Page(s) | Item |
|----------------|---|
| 8 | In Section 2.3, first sentence, revise Section 3.3 to Section 3.4. |
| 18 | Revise Equation 3-12 to: $T_o = M_r \left[\frac{1 - \frac{(q)(X_i)}{T_1}}{d_{effec-noncomp}} \right]$ |
| 19 | In Section 3.4, second paragraph, third sentence, revise the end of the sentence as follows: “...a function of $2h/e$; the value of $2h/e$ need not be taken as less than 2.” |
| 20 | Revise Equation 3-19 to: $V_{rh} = \left \frac{M_{r(i+1)} - M_{r(i)}}{d_{effect-noncomp}} \right = T_{r(i)} - T_{r(i+1)} $ |
| 60 | In the calculation of I_{x-comp} using Equation 4-38, the value of t_c should be 3.00 in. |
| 64 | Revise Equation 3-12 to: $T_o = M_r \left[\frac{1 - \frac{(q)(X_i)}{T_1}}{d_{effec-noncomp}} \right]$ |
| 88 | Revise Equation 3-12 to: $T_o = M_r \left[\frac{1 - \frac{(q)(X_i)}{T_1}}{d_{effec-noncomp}} \right]$ |
| 102 | Add $d_{effect-noncomp}$ to the Symbols List after $d_{effect-comp}$: $d_{effect-noncomp}$ Effective depth of noncomposite section, in. (mm) |