

Revisions and Errata List
AISC Steel Design Guide 2, 2nd Printing (Printed Copy)
September 10, 2019

The following list represents corrections to the second printing (dated September 1991) of AISC Design Guide 2, *Steel and Composite Beams with Web Openings*.

Page(s)	Item
17	In Table 4.1, the 4th line, the equation for ΔA_s is revised to: $\Delta A_s = h_o t_w$
18	In Table 4.2 under the subheading <i>Calculate maximum shear capacity</i> , the equations for <p>“For the bottom tee, use... $\mu = 2P_r d_r / (V_{pb} s_b)$.”</p> <p>“For the top tee, use... $\mu = 2P_r d_r / (V_{pt} s_t)$.”</p>
26	In the left column under the subheading <i>Maximum shear capacity</i> , the line beginning “Using Eq. 3-13 or Fig. A.2...” should read as follows: “Using Eq. 3-13 or Fig. A.2 with $\mu = 0$ and $\alpha_v = 5.63$, $\alpha_v = 0.333$.”
27	In the right column, third full paragraph, last line, replace the equation for $\phi F_n A_{ns}$ with $\phi F_n A_{ns} = 0.75 \times 0.6 \times 58 \text{ ksi} \times \frac{3}{8} \text{ in.} \times 120 \text{ in.} = 196 \text{ kips} \geq 52.7 \text{ OK.}$
37	In the right column under the heading, <i>High moment-shear ratio</i> , the name “Clauson” reference, “Clauson & Darwin 1982” should be replaced with “Clawson & Darwin 1982a.”
38	In the right column, second paragraph under <i>Failure</i> , “Clawson & Darwin 1982” should be replaced with “Clawson & Darwin 1982a.”
38	In the right column, fourth paragraph under <i>Failure</i> , “Clawson & Darwin 1982” should be replaced with “Clawson & Darwin 1982a.”
39	
40	In the left column, third paragraph under h. Load and resistance factors, the following changes should be made: line 9 “83 test specimens” should be replaced with “85 test specimens” and “24 steel beams” should be replaced with “29 steel beams” line 10 “14 with rectangular openings” should be replaced with “19 with rectangular openings” line 14 “22 steel beams with reinforced openings” should be replaced with “21

with Ribbed Slabs,” *ASCE Journal of Structural Engineering* 114: No. 3
(March 1988): 518-534.