American
Iron and Steel
Institute

AISI STANDARD

Errata to North American Specification for the Design of Cold-Formed Steel Structural Members 2012 Edition

Amendment on March 17, 2014

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1. *Specification*: On pages 67 and 70, revise the definition of ϕ_b as follows:

ϕ_b = For flexural strength (Section C3.1.1), ϕ_b = 0.90 ~~or 0.95~~ (*LRFD*~~)~~ and ~~0.90~~ ~~(~~*LSD*)
For laterally unbraced beams (Section C3.1.2), ϕ_b = 0.90 (*LRFD* and *LSD*)
For closed cylindrical tubular members (Section C3.1.3), ϕ_b = 0.95 (*LRFD*) and 0.90 (*LSD*)

2. *Specification*: On page 125, add a point to Appendix B ☜**B** as shown below:

V_Q = Coefficient of variation of *load effect*
= 0.21 for *LRFD* and *LSD*
= 0.43 for *LRFD* for beams having tension *flange* through-fastened to deck or sheathing and with compression *flange* laterally unbraced
= 0.21 for the *LSD* for beams having tension *flange* through-fastened to deck or sheathing and with compression *flange* laterally unbraced ☜**B**

3. *Specification*: On page 1-12, revise the first paragraph under Section 1.2.2.1.2.2 as follows:

The *nominal flexural strength* [*resistance*], $M_{n\ell}$, for *local buckling* of beams with hole(s) shall be calculated in accordance with Section 1.2.2.1.2.1.1, except $M_{cr\ell}$ shall be determined including the influence of hole(s) ~~and when $\lambda_d \leq \lambda_{d2}$~~, then:

4. *Commentary*: On page 70, in Table C-C3.1.4(a)-1, revise the last property of the left column as follow:

$$h_{yf} = y_{of} = \frac{-d^2}{2(b+d)}$$