



Interpretation

IR549
(19 March 2008)

Section 26. **Strength requirements**

Rule 260B	Application of strength factors (2007 Edition, page 199)
Rule 261A1b	(2007 Edition, page 200)
Table 261-1A	(2007 Edition, page 207)

The strength factor used for weathering steel poles subject to the extreme wind considerations has been 0.80, as mentioned in Rule 260B2. However, since this is for materials not otherwise specified, and Rule 261A1b addresses metal structures, this does not apply to the steel poles, and the 1.0 strength factor for Rule 250C loads given in Table 261-1A for both Grade B and Grade C applies. Is this the correct interpretation?

Discussion: Due to the impact this would have on line designs, it was preferred that an official ruling on the interpretation be requested. Thank you for your help.

Interpretation

The Interpretations Subcommittee has considered the subject Interpretation Request for Rule 260B and Rule 261A1b and has developed a consensus report as follows:

“Your statement is correct. The strength factor for weathering steel poles, as given in Table 261-1A for Rule 250C loads for both Grade B and Grade C construction, is 1.0. Weathered steel poles are a type of metal pole covered in Rule 261A1. While Rule 261A1 specifies use of strength factors in Table 261-1A or Table 261-1B, metal structures are not included in Table 261-1B. Application of Rule 260B2 is limited to supported facilities for which strength factors are not specified in other rules.

See also Footnote 6 of Table 261-A1.”