Informal Interpretation Report
Number 7173

Date May 28, 2013

Edition 2010

Section 1106

Question:

Is it the intent of the code to allow for interpolation of rain fall rates in table 1106.3 as it allows for interpolation in table 1106.2(1)?

Answer

No. If interpolation were to be permitted under Table 1106.3, without a note expressly allowing it, what would be the point of the notes associated with 1106.2(1) and 1106.2(2)? Further, the hydraulics associated with horizontal and vertical piping are different. Lacking background data establishing unequivocally that the numbers in Table 1106.3 are linearly related, we must assume that they are not, and linear interpolation should not be allowed.

Commentary:

The "interpolation" referred to in the footnotes of Tables 1106.2(1) and 1106.2 (2)is intended to permit different sizes and shapes other than circular or rectangular pipes to be used for vertical conductors. (See IPC proposal P95-07/08 for further explanation). There is no similar footnote in Table 1106.3 because horizontal storm drainage is typically circular pipe.

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