

9480203 MISCELLANEOUS TYPES OF PIPE – ADDITIONAL REQUIREMENTS FOR CLASS II
POLYETHYLENE PIPE
COMMENTS FROM INDUSTRY REVIEW

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Comments:

In table 1, number 8, either put the degree symbol in the proper place or spell out degrees.

Response: Agree - degree symbol should be superscript. Correction has been made as indicated in below.

Duane Brautigam
State Specifications/Estimate Office

Comments:

Table 1 contains references to tests "on the unaged as manufactured pipe". "Unaged" seems to be an awkward word at best, and perhaps not a word at all. Suggest eliminating it completely "on the as manufactured pipe" or using a different word, along the lines of "on the as manufactured (not aged or not incubated) pipe".

Response: Agree – Some web based dictionaries do include it, but Merriam-Webster and Cambridge Dictionary do not recognize it as a word. We will use “on the as manufactured (not incubated) pipe.”

Dan L. Hurtado, P.E.
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Comments:

There is a typo in the footnotes to Table 1 of this proposed Spec. revision. The line:
8 The incubation temperature and duration can also be 136 days at 85oC.
The “o” between “85” and “C” should be a superscript.

Response:

Correction made. Ft/11-26-08

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Comments:

Text: 2. Identification and Enforcement – Think of the inspector in the field – Not “Materials Personnel” a. When and where would this type of pipe be used or identified in the plans b. What is the difference between Class II Polyethylene Pipe and HDPE sometimes called out in the plans? 3. How will the inspector know the difference?

Response: In 948 HDPE pipe has 2 classes of pipe. Class I for 50 year design life or Class II for 100 year design life. All HDPE pipe should be clearly marked as meeting AASHTO M294. In addition, for class II, 100 year pipe, the manufacturer includes a sticker indicating the pipe meets section 948 class II requirements.

Once the full test protocol is finished, the plan is for the 50 year pipe to disappear. All HDPE pipe will be 100 year.

Frank Kelch:

Comments:

My only comment is why don't they change all of the test temperature's from Celsius to Fahrenheit?

Response: Agreed.
