

**9480200 – Misc. Types of Pipe
Comments From Industry Review**

Ed Petersen

Comment:

The area in red has been struck from the spec section. Is this requirement upheld elsewhere or are we going by ASTM standards with no requirements for suppliers?

948-2.3.1 General

Obtain pipe products from producers listed on the Department's List of Qualified Flexible Pipe Manufacturing Plants, which may be viewed at the following: www.dot.state.fl.us/statematerialsoffice/quality/programs/qualitycontrol/materialslistings/sources/drainagesource.pdf.

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Comments:

948-2.3.1, remove the fourth paragraph and replace it with the third paragraph from 407-1,revision 10-15-07

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Comment 1

The reference to the cell classification should also reference ASTM D3350 current edition.

Comment 2

We understand that ASTM D3350 density cell class of "3" was bisected from a previous range of 0.941-0.955 into two designations "3" for 0.940 – 0.947 and "4" for 0.947 – 0.955. This will have the effect of raising the allowable average HDPE density from 0.948 to 0.951. Changing material density properties typically effects other properties, such as brittleness, strength, and cracking response. How will the Department anticipate and/or monitor changes in field performance given that the product will be more dense on average, yet also likely more brittle?

Comment 3

Were the Class II criteria proposed in Table 1 calibrated for HDPE with the previous ASTM D3350 cell class or the proposed cell class with the change in density?

Comment 4

Of all the HDPE pipe materials submitted for proposed approval per Table 1, were they manufactured using HDPE resins meeting the older density (0.941 – 0.955 class 3) or the proposed density range (0.947 – 0.955 class 4)?

Comment 5

The pipe specification for concrete pipe (Section 449) makes specific reference to Section 105-3 for quality control requirements, to the Department’s list of approved producers, and to the contractor’s responsibilities for obtaining products from a plant with an approved quality control program. However, this language has been stricken from the proposed Section 948 for plastic pipe. We are concerned that these important QC issues will be either inadvertently overlooked or will be not applied in a universal manner. Further, it lends the appearance that plastic piping material is less thoroughly regulated.

Comment 6

The spec origination statement mentions that “Section 948 should reference Materials Manual Section 6.1 Volume II” and also that “this change is being made in conjunction with Specification 430 which links to Materials Manual Section 6.1 Volume II.” The Materials Manual site indicates that Volume II of Section 6.1 is still “under development,” therefore a complete and thorough review of the proposed specification Section 948 is not feasible at this time. Volume II of Section 6.2 for rigid pipe is dated August 2006. What is the deadline for Volume II of Section 6.1?

Comment 7

What is the definition of “manufacturers lot?”

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Comment

Is this saying that we accept pipes that are not listed on the Departments list of qualified flexible pipe manufacturing plants? Do we accept pipes from any plant?
