

3360000, Asphalt Rubber Binder
Comments Received from Industry Review

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Comment:

In reviewing the Proposed Specification: 3360000, Asphalt Rubber Binder, a question arose in regard to the following statement on page 5 of 6:

336-5.2.1 Additional Records for Blending at Project Site: Monitor the ground tire rubber content in the asphalt rubber binder on a daily basis based on one of the following methods:

1. The weight of the ground tire rubber used and the gallons of asphalt rubber binder produced. Use the weight per gallon for the various types of asphalt rubber binder shown in Table 336-1 for the calculations.

The problem is that table 336-1 that is below this statement has been eliminated. The new Table 336-1 on page 3 of 6 does not contain any ground rubber tire unit weights.

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Comments:

336-5.1.1 Action at Project Site: Delete the word “of” in the second paragraph. Do not use of asphalt rubber binder with low viscosity in mix and interlayer construction, or resume blending operations at the project site until the Engineer grants approval. 336-5.2.1: Action at Project Site: Delete the word “of” in the second sentence. Add the words “have been” after the words “corrective actions...” in the second sentence. Do not use of asphalt rubber binder with low viscosity in mix and interlayer construction until corrective actions as necessary within the requirements of Table 336-1 have been made, corrective actions have been verified by passing test results, and the Engineer grants approval. Subarticle “336-5.2 Asphalt Rubber Binder Blending Quality Control Records” should be renumbered to 336-5.3. Subarticle “336-5.2.1 Additional Records for Blending at Project Site” should be renumbered to “336-5.3.1”. Add the word “Record” at the beginning of the first sentence in number one and two. Add the sentence “Calculate the percentage of rubber used and confirm that the minimum rubber requirements are met” after the first sentence in number one and two. Add the words “number of” in front of gallons in number one. Add the word “unit” in front of weight in the second sentence of number one. 1. Record the weight of the ground tire rubber used and the number of gallons of asphalt rubber binder produced. Calculate the percentage of rubber used and confirm that the minimum

rubber requirements are met. Use the unit weight per gallon for the various types of asphalt rubber binder shown in Table 336-1 for the calculations. 2. Record The weight of the ground tire rubber used and the number of gallons of asphalt binder used. Calculate the percentage of rubber used and confirm that the minimum rubber requirements are met.

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Comment:

336-5.1.1 The first sentence of paragraph 2 needs to be reworded (Do not use (delete 'of') asphalt rubber...). - 336-5.2.1 The second sentence of paragraph 1 needs to be reworded (Do not use (delete 'of') asphalt rubber...).

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Comments:

In 336-5.1.1: The use of project site seems redundant. In addition I would change the word “within” to “to meet”. Also I would remove the sentence beginning with “in order to” and ending with “project site”. In the second paragraph first sentence I would remove “of” from the “use of asphalt rubber binder...”

In 336-5.1.2: First sentence I would change the word “within” to “to meet”. Also I would remove the sentence beginning with “in order to” and ending with “blending operation”.

In 336-5.2.1: In the second sentence I would remove the word “of”, change the word “within” to “to meet”. End the second sentence at “been made.” Start next sentence “ Production or Construction may resume after corrective actions are taken as verified...”

In 336-5.2.2: In the second sentence change the word “within” to “to meet”.

Ronda Daniels
Ocala Operations

Comment:

Suggest changing “project Site” To “asphalt plant site”

336-5 Testing and Certification Requirements.

Need to remove lineout. Numbering needs to be re-synchronized and aligned for section 336-5

Comments from Meeting with Industry on 7/23/09

Comment:

Table 336-1. Should a maximum value be given for viscosity because?

Response:

