



*Florida Department of Transportation*

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GOVERNOR

605 Suwannee Street  
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KEVIN J. THIBAUT, P.E.  
SECRETARY

December 27, 2021

Khoa Nguyen  
Director, Office of Technical Services  
Federal Highway Administration  
3500 Financial Plaza, Suite 400  
Tallahassee, Florida 32312

Re: State Specifications Office  
Section: **320**  
Proposed Specification: **3200603 Hot Mix Asphalt - Plant Methods and Equipment.**

Dear Mr. Nguyen:

We are submitting, for your approval, two copies of the above referenced Supplemental Specification.

The changes are proposed by Wayne Rilko to add the maximum temperature for polymer mixtures in the Standard Specification.

Please review and transmit your comments, if any, within two weeks. Comments should be sent via email to [daniel.strickland@dot.state.fl.us](mailto:daniel.strickland@dot.state.fl.us).

If you have any questions relating to this specification change, please call me at 850-414-4130.

Sincerely,

Signature on file

Daniel Strickland, P.E.  
State Specifications Engineer

DS/dh

Attachment

cc: Florida Transportation Builders' Assoc.  
State Construction Engineer

**HOT MIX ASPHALT - PLANT METHODS AND EQUIPMENT.**  
**(REV 10-12-21)**

SUBARTICLE 320-6.3.3 is deleted and the following substituted:

**320-6.3.3 Rejection Criteria:** Reject any load or portion of a load of asphalt mix at the plant or at the roadway with a temperature outside of its respective master range shown in Table 320-2. Notify the Engineer of the rejection immediately. The maximum temperature for any load of mixture containing PG 76-22 PMA or High Polymer binder shall not exceed 355°F.

Table 320-2	
Mix Temperature Master Range Tolerance	
Location	Acceptable Temperature Tolerance
Plant	Mixing Temperature $\pm 30$ F*
Roadway (mix in truck)	Compaction Temperature $\pm 30$ F*
Roadway (mix in windrow)	Compaction Temperature $+30$ F*, $-40$ F
<u>*Not to exceed 355°F for mixtures containing PG 76-22 PMA or High Polymer binder.</u>	

Table 320-3	
Mix Temperature Tolerance from Verified Mix Design	
Any Single Measurement	$\pm 25$ F

**HOT MIX ASPHALT - PLANT METHODS AND EQUIPMENT.**  
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Table 320-2	
Mix Temperature Master Range Tolerance	
Location	Acceptable Temperature Tolerance
Plant	Mixing Temperature $\pm 30$ F*
Roadway (mix in truck)	Compaction Temperature $\pm 30$ °F*
Roadway (mix in windrow)	Compaction Temperature $+30$ °F*, $-40$ °F
*Not to exceed 355°F for mixtures containing PG 76-22 PMA or High Polymer binder.	

Table 320-3	
Mix Temperature Tolerance from Verified Mix Design	
Any Single Measurement	$\pm 25$ °F