TL-59 C (05/16)

Asphalt Concrete Density Quality Control (QC) Test Report – 2016 Pilot Specification Only

Project/Schedule Number:		Item Number:	
Route Number:		County:	
From (Station, MP, Int., etc.):		To (Station, MP, Int., etc.):	
Direction (e.g. NB, SB, etc.)		Lane (Inside, Center, Right, etc):	
QC Lot #:		Application Rate (lbs/sy):	
Asphalt Mix Type:		Asphalt Job Mix Number:	
Nuclear Gauge Model Number:		Gauge Calibration Date:	
Nuclear Gauge Serial Number:		Depth Setting (in/mm):	

Control Strip Information:

1. Control Strip Number and Date		
2. Target Density from Control Strip		lbs/ft^3 Informational Only
3. Minimum Density (98% Of Control Strip Target Density)		lbs/ft^3 Informational Only
4. Maximum Density (102% Of Control Strip Target Density)		lbs/ft^3
5. Last 5 Sample Gmm Average		

QC Testing Results By Nuclear Gauge:

	Location		Nuclear Density @ Core Location	**%Gmm[1] from Page 2**	Nuclear Joint Density lbs/ft^3	
Sub-lot No.	Distance	Offset	Informational Only lbs/ft^3		Left (C or U)*	Right (C or U)*
1						
2						
3						
4						
5						
6						
7						
		Average:				

Does the QC Test Section:(check one) ☐ PASS ☐ FAIL

* - C = Confined Jt, U = Unconfined Jt

Note 1: Compare %Gmm to Table III-5 315.05 e. 1(b)

Comments:

QC Technician: **Date:**

Observed By:

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Direction (e.g. NB, SB, etc.) _____ Lane (Inside, Center, Right, etc): _____

QC Lot #: _____ Application Rate (lbs/sy): _____

Asphalt Mix Type: _____ Asphalt Job Mix Number: _____

Asphalt Core Density Worksheet

Last 5 Sample Gmm Average:_____

Distance/Sublot	A	B	C	D	E	F	Gmb	%Gmm
	Weight in Air	Weight in Water	Basket Tare Wt.	Wt. in Water (B-C)	SSD Wt. in Air	Volume (E-D)	Gmb=. A/F	%Gmm= Gmb÷(Avg. Gmm)
1								
2								
3								
4								
5								
6								
7								

Remarks:_____

_____

_____

_____

QC Technician: _____ **Date:** _____

Observed By: _____

Submit Form Reset Form