TL-60 (REV. 04/05)

VIRGINIA DEPARTMENT OF TRANSPORTATION
ASPHALT NUCLEAR DENSITY WORKSHEET
ROLLER PATTERN/SAWN PLUGS & CONTROL STRIP TARGET DENSITY

Control Strip No: 1

Schedule: PM9R-076-F17, N | Item No: | Date: 4/29/17

Route: 1615 | From: 157+00 | To: 154+00

Lane Direction: WBL (NBL, SBL, etc) | Lane: Right (Inside, Center, etc.)

Mix Type: SM 9.5 A | Application Rate: 165.0 lbs/yd² | (kg/m²)

Lot No: 1 | Width of Application: 12 | Lot Length: 4500 ft (m)

Mix Producer: Superior Paving | Plant Location: Centreville

NUCLEAR CALIBRATION CHECK

	A	B	C	D	E	F		G		H	
Sawed Spec. Number	Weight in Air (g)	Weight in Water (Total g)	Basket Tare Weight (g)	Weight in Water (g) B - C	SSD Weight In Air (g)	Volume E-D	SSD Bulk Specific Gravity A ÷ F	Average SSD Bulk Per Site	Sawed Specimen Thickness In. (mm)	Target Test Site Nuclear (from TL-58)	
1	1215.(	933.4	200	4.7	1217.4	259.0	4.69	4.7	1.5		1
2											2
											3
3											4
											5
4											6
											7
5											8
											9
6											10

Average 4.7 (Sum of G/3) _____ (Sum of H/10)

Max Specific Gravity (Gmm) _____

A Sawed Specimen Average % Density _____ % tenth
(avg. SSD Bulk Sp. Gr. /GMM)

B Minimum Design Density (Table III – 3 of sec. 315) _____ % tenth
*(A must equal or exceed B)

C Target Nuclear Density _____ lb/ft³ tenth
(Average from H)

Gauge Model _____ Serial Number _____ Calibration Date _____ Depth Setting _____ in (_____ mm)

Testing Performed by _____ Observed by _____

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