TL-60 (REV. 04/05)

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

Control Strip No _____

Schedule _____ Item No _____ Date _____

Route _____ From _____ To _____

Lane Direction _____ (NBL, SBL, etc) Lane _____ (Inside, Center, etc.)

Mix Type _____ Application Rate _____ lbs/yd² _____ (kg/m²)

Lot No _____ Width of Application _____ Lot Length _____ ft (m)

Mix Producer _____ Plant Location _____

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	40.2	30.2	10.2	20.0	102	82.0	0.490	0.490			1
2											2
											3
3											4
											5
4											6
											7
5											8
											9
6											10

Average 0.490 (Sum of G/3) _____ (Sum of H/10)

Max Specific Gravity (Gmm) _____

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

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

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

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

Testing Performed by _____ Observed by _____

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