

West Virginia Division of Highways
Comparison of Nuclear Density Gauges
In Accordance With Guidelines Contained In MP 401.05.20

Contractor:		Standard Block # (used for comparison):	
District:		Date:	

Contractor's Gauge #:		WVDOH Gauge #:	
MFG Density Standard Count:		MFG Density Standard Count:	
Density Standard Count:		Density Standard Count:	
Within 2% (Y/N):		Within 2% (Y/N):	

Five One-Minute Readings In Backscatter On Comparison Standard Block With Aluminum Plate			
Contractor's Readings		WVDOH Readings	
	Wet Density (WD)		Wet Density (WD)
1		1	
2		2	
3		3	
4		4	
5		5	
High Value		High Value	
Low Value		Low Value	
Range <small>Note 1</small>		Range <small>Note 1</small>	
Avg <small>Note 2</small>		Avg <small>Note 2</small>	
Gauges Similar (Y/N):			

Note 1: The range of five wet density (WD) readings shall not exceed 1.5 lb/ft³ (24 kg/m³). If the readings exceed this range then repeat the procedure. A gauge should not be used if the repeatability is not within this range.

Note 2: The gauges are considered similar if the averages of the two sets of readings are within 3 lb/ft³ (48 kg/m³).

District Technician: _____