

PERCENT COMPACTION BY NUCLEAR GAUGE- DIRECT READ

Form 200.03
Rev. 05/2024

Date: _____ Contract #: _____ Project #: _____ Gauge #: _____

Road #: _____ Road Info: _____

Inspector: _____ Contractor: _____

Nuclear Gauge Operator: _____ Material: _____

Daily Standard Counts:			
Density	AM:		PM:
Moisture	AM:		PM:

Nuclear Gauge				
		Test # 1:	Test # 2:	Test # 3:
FIELD DENSITY	Station #:			
	Actual Elevation:			
	Offset:			
	A. Density Count			
	B. Wet Density from Gauge (PCF)			
	C. Moisture % (Speedy Moisture Tester)			
	D. Dry Density (PCF) $[(B \times 100) / (100 + C)]$			
ONE-POINT PROCTOR	E. Weight of Mold & Soil (grams)			
	F. Weight of Mold (grams)			
	G. Weight of Soil (grams) (E - F)			
	H. Mold k Factor			
	I. Wet Density (PCF) (Mold k x G)			
	J. Moisture % (Speedy Moisture Tester)			
	K. Max Dry Density from Chart (PCF)			
	L. Optimum Moisture from Chart			
	Is the Oven Dried Line J. within 2% on the dry side Line L			
	M. Percent Compaction $[(D / K) \times 100]$			
	O. What % of Stone was retained by the #4 sieve	%	%	%

Additional Info.	
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Certified Inspector Signature: _____ Date: _____