

Form 200.02

PERCENT COMPACTION BY NUCLEAR GAUGE



Unique ID:

Status:

Date:

Project No:

File No:

Road No:

Road Info:

Contractor:

Inspector:

Nuclear Gauge Operator:

Material: SCDOT Gauge No.:

Daily Standard Count		
	A.M.	P.M.
Density	<input type="text"/>	<input type="text"/>

Station No.	<input type="text"/>	<input type="text"/>	<input type="text"/>
Elevation From Finish Grade	<input type="text"/>	<input type="text"/>	<input type="text"/>
Offset	<input type="text"/>	<input type="text"/>	<input type="text"/>
Field Density	A. Density Count	<input type="text"/>	<input type="text"/>
	B. Wet Density, pcf (Calibration Chart)	<input type="text"/>	<input type="text"/>
	C. Moisture, % (Speedy Moisture Tester)	<input type="text"/> / <input type="text"/>	<input type="text"/> / <input type="text"/>
	D. Dry Density, "pcf" $\frac{(B \times 100)}{(100 + C)}$	<input type="text"/>	<input type="text"/>
One-Point Proctor	E. Wgt. of Mold & Soil, gms	<input type="text"/>	<input type="text"/>
	F. Wgt. of Mold, gms	<input type="text"/>	<input type="text"/>
	G. Wgt. of Soil gms (E - F)	<input type="text"/>	<input type="text"/>
	H. Mold k Factor	<input type="text"/>	<input type="text"/>
	I. Wet Density, pcf (Mold k x G)	<input type="text"/>	<input type="text"/>
	J. Moisture, % (Speedy Moisture Tester)	<input type="text"/> / <input type="text"/>	<input type="text"/> / <input type="text"/>
	K. Max. Dry Density, pcf (from Chart)	<input type="text"/>	<input type="text"/>
	L. Optimum Moisture, (from Chart)	<input type="text"/>	<input type="text"/>
M. Percent Compaction $\frac{D}{K} \times 100$	<input type="text"/>	<input type="text"/>	<input type="text"/>

Remarks:

Resident Construction Engineer:

Signature: _____