COLORADO DEPARTMENT OF TRANSPORTATION

CP 82 Field Correction of the In-Place Measurement of Density of Bituminous Pavement by the Nuclear Method

Additional Methods: CP81, CP44

Contract ID	Date Completed	Region
Project No.		
Project Location		

Sample ID	Paving Contractor				
Form 43 No:	Grading	Job Mix Formula % AC	Form 43 SpG	Binder	Course

Equipment Owner OA ☐ IA ☐ PC ☐	Gauge Model	ID or SN	Test Date
Company Name or CDOT	Print Technician Name:		

Test/Core Number:	1	2	3	4	5	6	7
Station:							
Transverse Location:							
Nuclear Gauge Data: CP 81							
Wet Density #1:							
Wet Density #2:							
Wet Density #3:							
Wet Density #4:							
Average Wet Density (e):							

CTS Rice Value: CP 51 (r):		**Laboratory Data: CP 44**					
Pan ID:							
Dry Wt. Pan & Specimen:							
Pan Weight:							
Dry Weight (a):							
SSD Weight (b):							
Weight in Water (c):							
Core Bulk SpG (d): [a/(b-c)]							
Core % Compaction: (d/r)*100							

Specification: MIN.: ☐ MIN.: ☐

Nuclear Guage Correction Data

Core Wet Density (lbs/ft³): d x 62.4 lb/ft³							

Cores Wet Density Ave. (f): ☐

Nuclear Gauge Wet Density Average (g): ☐

CORRECTION FACTOR (f-g): ☐

Comments: