

Missouri Department of Transportation Nuclear Density of Plastic Portland Cement Concrete

Report _____	Bridge _____	Stationing _____	Date _____
Contract ID _____	Project _____	County _____	Route _____
A - Volume of Standard Pot (ft ³)			
B - Weight of Pot (lbs)			
C - Weight of Pot and Concrete (lbs)			
D - Weight of Concrete (B - C) (lbs)			
E - Standard Density (D / A) (lbs/ ft ³)			
F - Daily Standard Density Count			
G - Correction Test Number			
H - Volume of Box (ft ³)			
I - Weight of Box (lbs)			
J - Weight of Box and Concrete (lbs)			
K - Weight of Concrete (J - I) (lbs)			
L - Density of Concrete (K / H) (lbs/ ft ³)			
M - Average Wet Density (Wd _{avg})			
N - Nuclear Correction Factor (L - M) (lbs/ ft ³)			
O - In-place Test Number			
P - Test Location (Station, Offset, etc.)			
Q - Depth of Concrete at Test			
R - Indicated Density (Wet Density) (lbs/ ft ³)			
S - Corrected Density (R + N) (lbs/ ft ³)			
T - Percent of Consolidation (S / E) (%)			
U - Minimum Density Required (%)			

Note: Procedure for running this test and recording data is found in Section TM-36 of the Materials Manual.
Data will be recorded in SiteManager as test method SAA040AA.

Remarks:

Responsible Person: _____
Date: _____

Distribution: eProjects