



MTL/ FO/ 27(b)



NEW DELHI MUNICIPAL COUNCIL
MATERIAL TESTING LABORATORY
QUALITY CONTROL CELL
VIDYUT BHAWAN, NEW DELHI

DENSITY TEST RESULTS OF BITUMINOUS MIX CORE

Name of work :
Division :
Type / Nature of Sample :
Date of Test :

(A) Location of the Sample

Wt. of Sample in Air (W_1) : gm
Wt. of Sample With coat of Paraffin Wax in Air (W_2) : gm
Wt. of Sample in water (With / Without coat of Paraffin wax) (W_3) : gm
Volume of Bituminous Core (V) = $W_1 - W_3$ or $W_2 - W_3$: gm or c.c
Wt. of Wax ($W_2 - W_1$) : gm
Density of Core of Bituminous Mix = Mass/ Volume : gm / c.c
 W_1 / V or

(B) Location of the Sample

Wt. of Sample in Air (W_1) : gm
Wt. of Sample With coat of Paraffin Wax in Air (W_2) : gm
Wt. of Sample in water (With / Without coat of Paraffin wax) (W_3) : gm
Volume of Bituminous Core (V) = $W_1 - W_3$ or $W_2 - W_3$: gm or c.c
Wt. of Wax ($W_2 - W_1$) : gm
Density of Core of Bituminous Mix = Mass/ Volume : gm / c.c
 W_1 / V or

A.E.(Lab.)

E.E.(QC & TA)- I