

New Capital Road Division, R.C.D., Patna

BINDER CONTENT TEST

TEST METHOD : IRC : SP-II Appendix-5

Letter No. 46

Date 28/03/17

Name of work : Long term output and performance based Road maintenance work for the Road package No-65/PRMC/ New Capital Road Division Agg. Number : 2/MBD/2013-14

Date of work :

Name of Agency : R.C.D. Patna Amhara Const. Private Limited

Date of Sampling : 27.03.2017

Description of Material : B.C.

Date of Testing : 28.03.2017

Location / Source of the material : Hot mix plant

Sampled by : Bindeshwari Ram

Boring Road Range Side

OBSERVATIONS

Sl. No.	Description	Sample - 1	Sample - 2
1.	Weight of sample before extraction, W_1 (gm)	<u>500 gm</u>	<u>500 gm</u>
2.	Weight of sample after extraction, W_2 (gm)	<u>474.5 gm</u>	<u>474.6 gm</u>
3.	Weight of fine material, recovered from the extract, W_3 (gm)	<u>2.4 gm</u>	<u>2.1 gm</u>
4.	Increase in weight of filter paper, W_4 (gm)	<u>1.9 gm</u>	<u>1.8 gm</u>
5.	Bitumen content by wt. of mix $\% = \frac{W_1 - W_2 + W_3 + W_4}{W_1} \times 100$	<u>5%</u>	<u>5.02%</u>

Average Value : 5.01%

Remarks :

Copy to : 1. Executive Engineer, New Capital Road Div, R.C.D., Patna
 2. A.E. (Works) Road Subdivision

R.A.
28/03/17

Quality Control,
 New Capital Road Division, Patna

A.R.O.
28.03.17

A.R.O.
 Quality Control,
 New Capital Road Division, Patna

A.E.
28/3/17

Quality Control Sub Division,
 New Capital Road Division, Patna