

TEST RESULT OF CONCRETE CUBES

QUALITY CONTROL UNIT, ROAD DIVISION NO.1, MUZAFFARPUR.

Name of work :- Balance work Long Term Output and Performance Based Road Maintenance Work for the Roads Package No.-09/OPRMC/MUZ-1 under R.C.D., Division No.-1, Muzaffarpur.

Name of work run :- PCC Casing of Road in Deoria-Sagarpur-Ambava Rd Observation Register No. 47 Page No. 26

Location :- 10th Km / LHS

Name of Agency :- Adarsh Construction, Main Road, Mairwa, Siwar

Date of test :- 25/4/17 Sample taken :- 1 set of 3 cubes (Collected at work site)

Agreement No. :- M.B.D. 08 of 2016-17.

Sl. No	Date of Concrete	Description	Mix Design	Water Cement Ratio	Identification Mark	Area in Sq. Cm.	Test at 7/28 Days				Remarks	Checked by E.E. Rd Div. No. 1, Muzaffarpur	
							Date of test	Wt. of cube	Maximum Load in ton				Compressive strength in Kg/cm ²
1	28/3/17	PCC Casing of Road in Deoria	-	-	DSA-RD-1	225	25/4/17	8.292	56	67	297.8		
2	"	Sagarpur Ambava Road in Deoria	-	-	DSR-RD-2	"	"	8.317	57	68	302.2	300.7	
3	"	Ambava Road in Deoria	-	-	DSR-RD-3	"	"	8.327	58	68	302.2		

Copy to:- (1) E.E. Road Division No. 1, Muzaffarpur
(2) A.E. Road Sub Division No. I/II/Deoria.

Letter No. 46 Date 25/4/17

Assistant Research Officer
Quality Control, Road Division No. 1
R.C.D. Muzaffarpur

Incharge Quality Control, Road Division No. 1
R.C.D. Muzaffarpur

OF B.M./D.B.M./S.D.B.C./B.C.
QUALITY CONTROL UNIT, ROAD DIVISION NO.1, MUZAFFARPUR.

Name of work :- Balance work Long Term Output and Performance Based Road Maintenance Work for the Roads Package No.-09/OPRMC/MUZ.-1 under R.C.D., Division No.-1, Muzaffarpur.
 Name of work run :- SDR work in kmH-Rog Road

Location :- 9(P) & 10(P) km. / L.H.S.

Sample taken :- Approx. 500gm. x 3 (sample collected at testing site on 18/4/17)

Date of test :- 19/4/17

Agreement No.:- M.B.D. 08 of 2016-17

Name of Agency :- Adarsh Construction, Lal Kotli, Main Road, Mairwa, Siwan.

Observation Register No. 47 Page No 25

1. Sample Taken	I	II	III
2. Wt. of Sample Before Extraction-(gm)/W ₁	509.740	510.170	505.560
3. Wt. of Filter Paper Before Extraction-(gm)/B	10.760	9.970	10.240
4. Wt. of Sample After Extraction-(gm)/W ₂	483.230	483.290	478.730
5. Wt. of Filter Paper After Extraction-(gm)/D	11.220	10.480	10.680
6. Wt. of Fine Material, Recovered from the Extract-(gm)W ₃	0.970	1.010	1.160
7. Increase in Wt. of Filter Paper-(D-B)= W ₄	0.460	0.510	0.440
8. Percentage of Binder Content- [W ₁ -(W ₂ +W ₃ +W ₄)/W ₁] X 100	4.92	4.97	4.99
9. Average % of Binder Content		4.96	
10. Required % of Binder Content			
11. Remarks			

(Test performed by the Centrifuge Bitumen Extractor)
 Copy to:- (1) E.E., Road Division No.1 Muzaffarpur
 (2) A.E., Road Sub-Division No.I/II/Deoria

Letter No. 45 Date 25/4/17

Assistant Research Officer
 Quality Control, Road Division No.1
 R.C.D. Muzaffarpur

A.E. (Sub-Div. No.1)
 Incharge Quality Control, Road Division No.1
 R.C.D. Muzaffarpur

25/4/17

OF B.M./D.B.M./S.D.B.C./B.C.

QUALITY CONTROL UNIT, ROAD DIVISION NO.1, MUZAFFARPUR.

Name of work :- Balance work Long Term Output and Performance Based Road Maintenance Work for the

Roads Package No.-09/OPRMC/MUZ.-1 under R.C.D., Division No.-1, Muzaffarpur.

Name of work run :- SDC work in Muzaffarpur - Hajipur Road

Location :- 1st km. (East)

Sample taken :- Approx. 3 sample collected at night site on 15/4/17

Date of test :- 19/4/17

Agreement No.:- M.B.D. 08 of 2016-17

Name of Agency :- Adarsh Construction, Lal Kothi, Main Road, Mairwa, Siwan.

Observation Register No. 47 Page No. 04

1. Sample Taken	I	II	III
2. Wt. of Sample Before Extraction-(gm)/W ₁	503.740	520.680	506.400
3. Wt. of Filter Paper Before Extraction-(gm)/B	10.040	10.630	11.220
4. Wt. of Sample After Extraction-(gm)/W ₂	477.420	474.380	479.580
5. Wt. of Filter Paper After Extraction-(gm)/D	10.550	11.060	11.660
6. Wt. of Fine Material, Recovered from the Extract-(gm)W ₃	0.970	1.030	1.110
7. Increase in Wt. of Filter Paper-(D-B)=W ₄	0.510	0.430	0.440
8. Percentage of Binder Content- [W ₁ -(W ₂ +W ₃ +W ₄)/W ₁] X 100	4.93	4.96	4.99
9. Average % of Binder Content		4.96	
10. Required % of Binder Content			
11. Remarks			

(Test performed by the Centrifuge Bitumen Extractor)
Copy to:- (1) E.E., Road Division No.1 Muzaffarpur
(2) A.E., Road Sub-Division No.I/II/Deoria

Letter No. 44 Date 05/4/17

Assistant Research Officer
R.C.D. Muzaffarpur
Quality Control, Road Division No.1

A.E. (Sub-Div. No.1)
Incharge Quality Control, Road Division No.1
R.C.D. Muzaffarpur

05-4-17