

**GRADATION TEST OF MIX/NOMINAL SIZE OF COARSE/FINE AGGREGATE OF
B. M./S. D. C. AT HOT MIX PLANT**

Improvement work removal of potholes
 Name of Work: C.M.B.D. Agency: M/S Raja Comt.
 Name of Ex. Eng.: Er Rakesh Kumar Mishra
 Name of Road: Sector Jamunpura Name of S.D.O. Works: Er Samil Kumar

PHYSICAL TEST

Sl. No.	Location	Eye observation	A. I. V. Test %		Flakiness Index %		Water absorption %		Remarks
			Test Value	Required Value	Test Value	Required Value	Test Value	Required Value	

GRADATION TEST D.B.M Work

Sl. No.	Description of Sample	Eye Observation	Size	Wt. Taken	Sieve Designation	Individual Wt. Retained	Individual % Wt. Retained	Comm. % Wt. Retained	% of Passing	Required % Value	Remarks			
	mm 13			15.850 kg	37.5	NIL	NIL	NIL	100	100				
					26.5	0.49	3.12	3.12	96.88	90-100				
					19	1.21	7.69	10.81	89.19	71-95				
					13.2	2.38	15.04	25.85	74.15	56-80				
					4.75	3.52	22.24	48.09	51.91	38-54				
					2.36	2.43	15.36	63.75	36.55	28-42				
					300mic	3.07	19.41	82.86	17.14	7-21				
					75mic	1.76	11.16	94.02	5.98	2-8				
					mm 13			13.700 kg	37.5	NIL		NIL	NIL	100
	26.5	0.80	5.88	5.88					94.12	90-100				
	19	1.41	9.02	14.9					85.10	71-95				
	13.2	1.80	13.2	28.1					71.90	56-80				
	4.75	3.47	25.39	53.49					46.51	38-54				
	2.36	1.49	10.91	64.4					35.60	28-42				
	300mic	2.57	18.81	83.21					16.79	7-21				
	75mic	1.53	11.17	94.38					5.62	2-8				

- Copy to: - (1) Chief Engineer,
 (2) S. E., R. C. D., Magadh Circle, Gaya.
 (3) E. F., R. C. D., Road Divn. No. 1, Gaya
 (4) S. D. O., R. C. D. Works Sub Divn.

R. C. D. Bihar, Patna No. Dt

Raw
10/2/2016

Raw
10/2/16

L. A.
R. C. D. Road Divn. No. 1
Gaya-

A. K. O.
R. C. D. Road Divn. No. 1
Gaya

A. E.
Quality Control
R. C. D. Road Divn. No. 1 Gaya.