

S&P INFRASTRUCTURE DEVELOPERS (P) LTD

PHYSICAL TEST AND GRADATION OF COARSE AGGREGATE

Name of work :- Navucha Dhalla. Near to Sangrampur Road. 20.08.17

Agreement no :- 20

Location :- 4th Km. Post.

Date of Test :- 17/08/17

Sl.No.	Sieve size in M.M	G.S.B GRADATION GRI				G.S.B GRADATION GRI				SAMPLE TAKEN		
		A				B				Required limit in passing	Remarks	
		WEIGHT OF SAMPLE TAKEN (KG)				WEIGHT OF SAMPLE TAKEN (KG)						
% in wt. Retained	% wt. Retained	comu.% Retained	% of Passing	% in wt. Retained	% wt. Retained	comu.% Retained	% of Passing					
1	75	Nil	Nil	Nil	100	Nil	Nil	100	Nil	Nil	100	
2	26.5	3.860	38.0	38.0	62.00	3.900	39.0	61.00	39.0	39.0	55-75	
3	4.75	3.500	35.0	73.0	27.60	3.500	74.0	26.00	35.0	74.0	10-30	
4	0.075	2.450	24.5	97.5	2.50	2.500	99.0	1.0	25.0	99.0	0-10	
5												
6												
7												
8												

Engineer in Charge

 17/08/17

Q/C Unit

S&P INFRASTRUCTURE DEVELOPERS (P) LTD
PHYSICAL TEST AND GRADATION OF COARSE AGGREGATE

Name of work :-

Agreement no :- 20

Location :- 4th Km. Part -

Date of Test:- 19/8/17

Sl. No.	Sieve size in M.M	W. M. M GRADATION A				W. M. M GRADATION B				SAMPLE TAKEN		
		WEIGHT OF SAMPLE TAKEN (KG)				WEIGHT OF SAMPLE TAKEN (KG)				Required limit in % passing	Remarks	
		% in wt. Retained	% wt. Retained	comu. % Retained	% of Passing	% in wt. Retained	% wt. Retained	comu. % Retained	% of Passing			
1	53				100						100	
2	45	0.350	3.5	3.5	96.5	0.300	3.00	3.0	97.00		95-100	
3	22.4	3.00	30.0	33.5	66.5	3.00	30.0	33.0	67.00		60-80	
4	11.2	1.850	18.5	52.0	48.0	1.950	19.5	52.5	47.50		40-60	
5	4.75	1.200	12.0	64.8	35.2	1.110	11.1	63.6	36.4		25-40	
6	2.36	1.170	11.7	76.5	23.5	1.170	11.7	75.3	24.7		15-30	
7	0.6	0.680	6.8	83.3	16.7	0.710	7.1	82.4	17.6		8-22	
8	0.075	1.570	15.7	99.0	1.0	1.640	16.4	98.8	1.2		0-8	


 Engineer in Charge

S&P INFRASTRUCTURE DEVELOPERS (P) LTD

DETERMINATION OF BITUMEN % IN MIX AGGREGATE J.S.B.M.

Name of work :- Navada Khatamona to Sangamper Road.

Agreement no :- 20

Location :- 4 1/2 Km Dist-

Date of Test :- 28/8/12

SL NO	Wt of Mix in gm	Aggregate after test with CC	Wt of Bitumen	% of Bitumen	Average % of Bitumen
1	200	193.60	6.40	3.20	
2	200	192.8	7.20	3.60	3.30%
3	200	193.8	6.20	3.10	

A. K. Sharma
 Engineer in Charge
 28/8/12

Q/C Unit

S&P INFRASTRUCTURE DEVELOPERS (P) LTD
PHYSICAL TEST AND GRADATION OF COARES AGGREGATE

Name of work :-

Agreement no :- 20

Location :- 4th km part

Date of Test :- 25/08/17

Sl.No	Sieve size in M.M	B.M GRADATION (GR II)				B.M GRADATION (GR II)				SAMPLE TAKEN	
		A				B				Required limit in % passing	Remarks
		WEIGHT OF SAMPLE TAKEN (KG)		% of Passing		WEIGHT OF SAMPLE TAKEN (KG)		% of Passing			
% in wt. Retained	% wt. Retained	comu.% Retained	% of Passing	% in wt. Retained	% wt. Retained	comu.% Retained	% of Passing				
1	26.5	N/A	N/A	N/A	100	N/A	N/A	100		100	
2	19	0.530	5.30	5.30	94.7	0.400	4.00	96.0		90-100	
3	13.2	3.550	35.5	40.8	59.2	3.730	37.3	58.7		56-88	
4	4.75	2.880	28.8	69.6	30.4	3.130	31.3	27.4		16-36	
5	2.36	1.490	14.9	84.5	15.5	1.280	12.8	19.6		4-19	
6	0.3	0.750	7.5	92.0	8.0	0.670	6.7	7.9		3-10	
7	0.075	0.680	6.8	98.8	1.2	0.680	6.8	1.1		0-8	
8											

(Signature)
 Engineer in Charge

