

To,

The Assistant Engineer (QC)
Quality Control Lab, DUSIB
Vikas Kurtir, ITO, New Delhi

RNO. 2090

RECEIVED 26 DEC 2017

Part-I

Dispatch No. D-57/A.E-III/EEC-10/DUSIB/2017-18

Date: 26/12/17

Sub: Testing of Coarse sand for particle size distribution/ silt content.

A.L No. : WB/4321/AL-36/EEC-10/DUSIB/2016-17/D-669 Date: 14.10.2016

1 Name of Work : Improvement of SC/ST Basties in NCT of Delhi

Sub Head : Improvement of different galties/roads in SC/ST basti at Dariba Pan by Providing
and Laying cement concrete in Ward No. 89(EB No. 56), Paharganj, AC-23. (PID
No.000007586)

2 Details from where sample is collected:	Site as above
3 Name of Circle /Division:	4/C-10
4 Name Of Junior Engineer:
5 Name Of Assistant Engineer:	Sh. Braham Pal Singh
6 Name Of Executive Engineer:	Sh. Shyam Singh
7 Name Of Contractor /Agency:	M/S Mahindra Construction Co.
8 Name Of Officer Collecting Sample:	Sh. Braham Pal Singh
9 Date of Collection:	21.12.17
10 Quantity of sample sent for testing:	1/2 cft

Specimen relating to work mentioned above is/are sent for testing. It is certified that the sample/samples marked **sealed in bag** Has/have been taken in my presence which represent **250 CFT** Quantity of works/supply made at site/ store.

Signature of JE
Incharge of Work

Signature of Contractor

Signature of Officer
Taking sample (EE/AE)

PART-II**TEST REPORT**

No. SE (QC)/AE (Lab)/ 2017-18/D- 2418

Date: 28/12/17

Test No.: 2090

Date: 28.12.17

Date of Reciept: 26/12/17

Date of Testing: 26/12/17

(A) SILT CONTENT:

Height of Silt: 8 mm

Height of Sand: 104 mm

% age of Silt Content:

ACCEPTABLE

$$\frac{8}{104} \times 100 = 7.69\%$$

(B) PARTICLE SIZE DISTERIBUTION

Weight of Sample tested:

Sl No.	Sieve Size	Weight retained in (gms)	%age Weight Retained	Cumulative %age Retained	%age passing	Reqd %age passing as per specs.
1	10 mm	29 gm	0.00	0.00	100.00	100
2	4.75 mm	0 "	0.00	0.00	100.00	90.00
3	2.36 mm	0 "	0.00	0.00	100.00	85.00
4	1.18 mm	70 "	14.00	14.00	86.00	75.00
5	600 micron	92 "	18.40	32.40	67.60	60.79
6	300 micron	222 "	44.40	76.80	23.20	12.40
7	150 micron	88 "	17.60	94.40	5.60	0.10
8	pan	28 "	5.60	100.00	0.00	-

ACCEPTABLE

Only testing has been conducted in the Laboratory. The sample has/have been collected/ handed over by field staff of the concerne division.

Signature 26/12/17