

To,

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

RNO 0139

25 APR 2018

3145

Part-I

Dispatch No. D-24/A.E-III/EEC-10/DUSIB/2018-19

Date: 25.04.2018

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

A.L No. : WB/4321/AL-29/EEC-10/DUSIB/2016-17/D-587 Date: 23.09.2016

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

Sub Head : Improvement of different galies/roads in SC/ST basti at Dispensary wali gali and Katra Raiji by Providing and Laying cement concrete in Ward No. 89 (EB No. 61), Paharganj, AC-23 . (PID No.000007588)

- | | | |
|----|---|-------------------------------|
| 2 | Details from where sample is collected: | Site as above |
| 3 | Name of Circle /Division: | 4/C-10 |
| 4 | Name Of Junior Engineer: | Sh. Ashish Kumar |
| 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: | 20.04.2018 |
| 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

No. SE (QC)/AE (Lab)/ 2017-18/D- 146

Test No.: 0139

Date: 25/04/18

Date: 25-4-18

Date of Receipt: 25/4/18

Date of Testing: 25/4/18

(A) SILT CONTENT:

Height of Silt:

Height of Sand:

% age of Silt Content:

6mm
98mm

$\frac{6}{98} \times 100 = 6.12\%$

ACCEPTABLE

(B) PARTICLE SIZE DISTERIBUTION

Zone III

Weight of Sample tested: 500 gm

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	0 gm	0.00	0.00	100.00	100
2	4.75 mm	0 "	0.00	0.00	100.00	90-100
3	2.36 mm	23 "	4.60	4.60	95.40	85-100
4	1.18 mm	61 "	12.20	16.80	83.20	75-100
5	600 micron	92 "	18.40	35.20	64.80	60-79
6	300 micron	144 "	28.80	64.00	36.00	12-40
7	150 micron	138 "	27.60	91.60	8.40	0-10
8	pan	42 "	8.40	100.00	0.00	-

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