

To

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

3033

R.No 0024

09 APR 2018

A.D- 9625

Part IDispatch No D-114/AC-TO/C&I/DUSIB/18Date: 09/4/18Sub: Testing of Coarse/fine sand for particle size distribution/silt content.A. L. No. 53/EE/C&I/DUSIB/17-18/D-916Dated: 2/1/18Name of work: EIUSSH: Improvement of drainage system and M.C. in the lanes of J.S. Park at Rajiv Gandhi Area, Thiruvananthapuram2. Details from where sample is collected Site3. Name of Circle/Division: C&I4. Name of Junior Engineer: Raj Singh5. Name of Assistant Engineer: Sh. Rajender Singh6. Name of Executive Engineer: Sh. A. B. Sharma7. Name of Contractor/Agency: M/S. Mohit Builders8. Name of Officer collecting sample: Sh. Rajender Singh AE9. Date of collection: 31-3-201810. Quantity of sample sent for testing: 5 kg

Specimen relating to work mentioned above is/are sent for testing. It is certified that the sample/samples marked R-5 has/have been taken in my presence which represent 10-100% 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-031

Test No. 0024 Date: 09/04/18Date of Receipt: 09/4/18Date of testing: 09/4/18**(A) SILT CONTENT:**Height of Silt : 6mlHeight of Sand : 92 ml% age of silt content: $\frac{6}{92} \times 100 = 6.52\%$ **ACCEPTABLE****(B) PARTICLE SIZE DISTRIBUTION**Zone IIWeight of sample tested: 500 gm

S.No	Sieve Size	Weight retained in (gms)	% age wt. retained	Cumulative %age retained	% age passing	Reqd. % age passing as per specs.
1.	10mm	<u>0 gm</u>	<u>0.00</u>	<u>0.00</u>	<u>100.00</u>	<u>100</u>
2.	4.75mm	<u>0 "</u>	<u>0.00</u>	<u>0.00</u>	<u>100.00</u>	<u>100</u>
3.	2.36mm	<u>37 "</u>	<u>7.40</u>	<u>7.40</u>	<u>92.60</u>	<u>90-100</u>
4.	1.18mm	<u>5.3 "</u>	<u>10.60</u>	<u>18.00</u>	<u>82.00</u>	<u>85-100</u>
5.	600micron	<u>90 "</u>	<u>18.00</u>	<u>36.00</u>	<u>64.00</u>	<u>75-100</u>
6.	300micron	<u>140 "</u>	<u>28.00</u>	<u>64.00</u>	<u>36.00</u>	<u>60-79</u>
7.	150micron	<u>140 "</u>	<u>28.00</u>	<u>92.00</u>	<u>7.20</u>	<u>12-40</u>
8.	Pan	<u>36 "</u>	<u>7.20</u>	<u>100.00</u>	<u>0.00</u>	<u>0-10</u>

ACCEPTABLE

Only testing has been conducted in this laboratory. The sample/samples has/have been collected and handed over by the field staff of the concerned division.

Assistant Engineer (QC-Lab)

DUSIB, Vikas Kutir, ITO

Assistant Engineer (QC)

Delhi Urban Shelter Improvement Board

Son. n° S.C.T. of Delhi

ITO, New Delhi-82

Copy to:-

1. EE/C-8

2.

o/c