

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

3908

RNO-706

P.I.D 10390

10 SEP 2018

Part I

Dispatch No. _____

Date: _____

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

A. L. No. W4/4814/(07) / EE C-3 / DUSIB / 18-19 / D-473 Date: 21.5.18

1. Name of work: change of site from F.Bk Mangolpuri to S.Bk opp. plot no. S-622 & 623 & A.Bk LSC adjacent to post office & abandoned FPS shop Mangolpuri outside the complex.
2. Details from where sample is collected: C-3 / Circle - I
3. Name of Circle/Division: _____
4. Name of Junior Engineer: _____
5. Name of Assistant Engineer: En. R.C. Goyal
6. Name of Executive Engineer: En. V.S. Fozil
7. Name of Contractor/Agency: M/S. Fabideal Construction Co.
8. Name of Officer collecting sample: En. Kulbhushan, AE (QC)
9. Date of collection: 8/9/18
10. Quantity of sample sent for testing: _____

Specimen relating to work mentioned above is/are sent for testing. It is certified that the sample/samples marked _____ has/have been taken in my presence which represent _____ 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 (L-26)/2018/19/D-623

Date: 17/09/18

Test No. 706 Date: 10.9.18

Date of Receipt: 10.9.18

Date of testing: 11.9.18

(A) SILT CONTENT: 11.9.18

Height of Silt :

Height of Sand :

% age of silt content:

8mm
108mm $\frac{8}{108} \times 100 = 7.41\%$ **ACCEPTABLE**

(B) PARTICLE SIZE DISTRIBUTION

Zone III

Weight 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>90-100</u>
3.	2.36mm	<u>52 "</u>	<u>10.40</u>	<u>10.40</u>	<u>89.60</u>	<u>85-100</u>
4.	1.18mm	<u>76 "</u>	<u>15.20</u>	<u>25.60</u>	<u>74.40</u>	<u>75-100</u>
5.	600micron	<u>50 "</u>	<u>10.00</u>	<u>35.60</u>	<u>64.40</u>	<u>60-79</u>
6.	300micron	<u>202 "</u>	<u>40.40</u>	<u>76.00</u>	<u>24.00</u>	<u>12-40</u>
7.	150micron	<u>68 "</u>	<u>13.60</u>	<u>89.60</u>	<u>10.40</u>	<u>0-10</u>
8.	Pan	<u>52 "</u>	<u>10.40</u>	<u>100.00</u>	<u>0.00</u>	<u>-</u>

ACCEPTABLE

Only test results have been conducted in this laboratory. The sample/samples has/have been collected a 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
Gov. of N.C.T., of Delhi
ITO, New Delhi-69

Copy to:-
1. EE/C-3
2. O/C