

To

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

RNo. 890
RECEIVED 25 JUL 2017

Part I

Dispatch No. AB-I/C-12/DUSIB/2017/D-75 Date: 24/07/17

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

AL No. .14/WK/7205(172)/EEC-12/DUSIB/2017-18/D- 467 dated 08.06.2017

NOW: GIA to Existing Infrastructure. SH: Construction of boundary wall of open surface of LSC near plot no. B-715 in Block-B at SRS Holambi Kalan Ph-II (Metro Vihar) (Project ID 000006637).

1. Details from where sample is collected 8.15
2. Name of Circle/Division Circle-4/C-12
3. Name of Junior Engineer _____
4. Name of Assistant Engineer Rakesh Kumar
5. Name of Executive Engineer Sh. Kamal Singh
6. Name of Contractor/Agency M/s Y.K. Goel
7. Name of Officer collecting sample: Rakesh Kumar/Kamal Singh
8. Date of collection: 24-07-2017
9. Size and description of sample C. Sand Zone III
10. Quantity of sample sent for testing one bag

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]
Signature of AE
Incharge of work

[Signature]
Signature of Contractor

[Signature]
Signature of Officer
taking sample (AE/AE)

Part II

TEST REPORT

No. SE (QC)/AE (Lab.)/2017-18/D- 1025

Date: 25/07/17

Test No. 890 Date: 25-7-17

Date of Receipt: 25/7/2017

Date of testing: 25/7/2017

(A) SILT CONTENT:

Height of Silt : 8 mm

Height of Sand : 102 mm

% age of silt content:

$$\frac{8}{102} \times 100 = 7.84\%$$

ACCEPTABLE

(B) PARTICLE SIZE DISTRIBUTION

Weight of sample tested: 500gm

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 gm</u>	<u>0.00</u>	<u>0.00</u>	<u>100.00</u>	<u>90-100</u>
3.	2.36mm	<u>12 gm</u>	<u>2.40</u>	<u>2.40</u>	<u>97.60</u>	<u>85-100</u>
4.	1.18mm	<u>26 gm</u>	<u>5.20</u>	<u>7.60</u>	<u>92.40</u>	<u>75-100</u>
5.	600micron	<u>85 gm</u>	<u>17.00</u>	<u>24.60</u>	<u>75.40</u>	<u>60-79</u>
6.	300micron	<u>228 gm</u>	<u>45.60</u>	<u>70.20</u>	<u>29.60</u>	<u>12-40</u>
7.	150micron	<u>106 gm</u>	<u>21.20</u>	<u>91.40</u>	<u>8.60</u>	<u>0-10</u>
8.	Pan	<u>43 gm</u>	<u>8.60</u>	<u>100.00</u>	<u>0.00</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.

[Signature]
Assistant Engineer (QC-Lab)
DUSIB, Vikas Kutir, ITO
Assistant Engineer (QC)
Delhi Urban Shelter Improvement Board
Govt. of N.C.T. of Delhi

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