To

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

R No. 898

RECEIVED 25 JUL 2017

Part I

Dispatch No AE-I/C12/D685(3)/2017/D-81 Date: 24/07/17

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

AL No. 20/WK/7205(176)/EEC-12/DUSIB/2017-18 /D- 483 dated 13.06.2017.

NOW: GIA to DUSIB for existing infrastructure SH: Construction of boundary wall for open land earmarked for JSC near Higher Secondary School in Block-C at SRS Holambi Kalan Ph-II (Metro Vihar) (Project ID 000008603).

1. Details from where sample is collected — Site
2. Name of Circle/Division — Circle-4/C-12
3. Name of Junior Engineer — Rakesh Kumar
4. Name of Assistant Engineer — Sh. Kamal Singh
5. Name of Executive Engineer — M/s Y.K. Goel
6. Name of Contractor/Agency — Rakesh Kumar/~~Kamal Singh~~
7. Name of Officer collecting sample:
8. Date of collection: ~~24.07.2017~~
9. Size and description of sample — C. Sand Zone-III
10. Quantity of sample sent for testing — 5 Kgm

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 AE 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- 1031 Date: 25/07/17

Test No. 898 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 : 104 mm

% age of silt content: $\frac{8}{104} \times 100 = 7.69\%$

ACCEPTABLE

(B) PARTICLE SIZE DISTRIBUTION 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	0 gm	0.00	0.00	100.00	100
2.	4.75mm	0 "	0.00	0.00	100.00	90-100
3.	2.36mm	28 "	5.60	5.60	94.40	85-100
4.	1.18mm	44 "	8.80	14.40	85.60	75-100
5.	600micron	72 "	14.40	28.80	71.20	60-79
6.	300micron	222 "	44.40	73.20	26.80	12-40
7.	150micron	94 "	18.80	92.00	8.00	0-10
8.	Pan	40 "	8.00	100.00	0.00	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.

25/7/17

Assistant Engineer (QC-~~Lab~~)
DUSIB, Vikas Kutir, ITO

Assistant Engineer (QC)
Delhi Urban Shelter Improvement Board
Govt. of N.C.T. of Delhi
ITO, New Delhi-02

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