2331

To-

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

R. No: 2441
23 JAN 2018

Part I

Dispatch No D-167/EEC-6-DUSIB/17-18 Date: 22/1/18

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

A. L. No. :- **AL-59/WJ-6981/(184)/EEC-6/AE-v/DUSIB/2016-17/D-1144**

dated 15.11.2017

Name of Work:- EIUS

Sub HeadP/L CC PAVEMENT IN THE DETERIORATED LANES OF JJ CLUSTER GOLA KUAN TEKHAND (ID-000008935)

2.	Details from where sample is collected	From the Site of work
3.	Name of Circle/Division	Circle II/C-6
4.	Name of Junior Engineer	Sh. Ramesh Kumar
5.	Name of Assistant Engineer	Sh.DEEPAK BEHL
6.	Name of Executive Engineer	Sh. O.P. Pruthi
7.	Name of Contractor/Agency	M/S DEVENDRA KUMAR SHARMA
8.	Name of Officer collecting sample:	Sh.DEEPAK BEHL
9.	Date of collection:	20-1-18
10.	Quantity of sample sent for testing:	One Bag of coarse sand

Specimen relating to work mentioned above is/are sent for testing. It is certified that the sample/ samples marked---Ca,------has/have been taken in my presence which represent 20 Lum 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- 2719 Date: 31/1/18

Test No. 2441 Date:

Date of Receipt: 23/1/18

Date of testing: 23/1/18

(A) SILT CONTENT: ACCEPTABLE

Height of Silt : 6 mm

Height of Sand : 110 mm

% age of silt content: $\frac{6}{110} \times 100 = 5.45\%$

(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	0 gm	0.00	0.00	100.00	100
2.	4.75mm	0 "	0.00	0.00	100.00	90-100
3.	2.36mm	16 "	3.20	3.20	96.80	85-100
4.	1.18mm	44 "	8.80	12.00	88.00	75-90
5.	600micron	104 "	20.80	32.80	67.20	60-79
6.	300micron	210 "	42.00	74.80	25.20	12-40
7.	150micron	106 "	21.20	96.00	4.00	0-10
8.	Pan	20 "	4.00	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.

23/1/18
Assistant Engineer (QC-Lab)
DUSIB, Vikas Kutir, ITO

Delhi Urban Shelter Improvement Board
Govt. of N.C.T. of Delhi
ITO, New Delhi-02

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1. EE/C-6