To

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

3232

RNO · 211
09 MAY 2018

Part I

No:- D- 400 **/AE-I/EE C-03/DUSIB/2017-18** **Date:** 9/05/18

W.O. No. :- WG/4814(50)/EE C-03/DUSIB/2017-18/D-109 dated 24.01.2018

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

1.	**Name of work :- Construction of BVK / Community hall** **Sub. Head :- pdg. Built up facility of BVK / Community hall . SH:- special repair P1- Block Community hall Sultanpuri (Project ID – 000006941)**	
2	**Detail from where sample is collected:**	
3.	**Name of Circle/Division:**	Circle-I, C-3
4.	**Name of Junior Engineer**	SH. Yudhbir Malik
5.	**Name of Assistant Engineer**	SH. Dorilal
6.	**Name of Executive Engineer:**	SH. V.S Fonia
7.	**Name of Contractor/Agency:**	M/S Vashishth Associates
8.	**Name of Officer collection sample :**	SH. Dorilal
9.	**Date of collection:**	09-5-2018
10.	**Size and description of sample:**	—
11.	**Quantity of sample sent for testing:**	**approx. 5kg.**

Specimen relating to work mentioned above is/are sent for testing. It is certified that the sample (S) marked..... has/have been taken in my presence which represent....15m3 quantity of work/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~~)/2018/D- 232 Date : 11/05/18

Test No. 211 Date 9.5.18

Date of Receipt 09/5/18

Date of Testing 09/5/18

(A) SILT CONTENT :

Height of Silt : 6 ml

Height of Sand : 90 ml $\frac{6}{90} \times 100 = 6.67\%$

%age of silt content :

(B) GRADING : Zone III 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	0gm	0.00	0.00	100.00	100 ACCEPTABLE
2.	4.75mm	0"	0.00	0.00	100.00	90-100
3.	2.36mm	31 "	6.20	6.20	93.80	85-100
4.	1.18mm	62 "	12.40	18.60	81.40	75-100
5.	600micron	53 "	10.60	29.20	70.80	60-79
6.	300micron	188 "	37.60	66.80	33.20	12-40
7.	150micron	146 "	29.20	96.00	4.00	0-10
8.	Pan	20 "	4.00	100.00	0.00	—

Only testing has been conducted in this laboratory, the samples have been collected and handed over by the filed staff of the concerned division.

09/5/18

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