

To,

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

R.No : 1045

RECEIVED 09 AUG 2017

Part I

No. WG/4865/AE-IV/C-3/17-18/D-125 Date: 09/08/2017

Award letter no. : WG/4814(37)/EEC-3/DUSIB/2015-16/D-1119 Dated 20/02/2016

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

ID :

1. NOW :- Pay and Use JSC
2. SH :- Upgradation and renovation of 40 seater JSC for J.J. Basti at S block Mangolpuri.(change of site from X-block to S-block Mangolpuri.)
3. Detail from where sample is collected: Above noted work.
4. Name of Circle/Division: Circle-I, C-3
5. Name of Junior Engineer: Sh. Anuj
6. Name of Assistant Engineer: Sh. R.C. Goel
7. Name of Executive Engineer: Sh. V.S. Fonia
8. Name of Contractor/Agency: M/s Durga Construction co
9. Name of Officer collection sample : Sh. R.C. Goel
10. Date of collection: 8.8.17
11. Size and description of sample: Coarse Sand
12. Quantity of sample sent for testing: approx. 5 kg.

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..... quantity of work/supply made at site/store.

Signature of JE
Incharge of work

Signature of Contractor

Signature of Officer
taking sample (E/AE)

Part II TEST REPORT

No. SE (QC)/AE (Lab)/2007D- 1205

Date : 16/08/17

Test No. 1045 Date

Date of Receipt 09/8/2017

Date of Testing 09/8/2017

(A) SILT CONTENT :

Height of Silt : 8 mm
Height of Sand : 110 mm
%age of silt content :

$\frac{8}{110} \times 100 = 7.27\%$

(B) GRADING :

Weight of sample tested: 500 gm D.V. Taky 10/8/2017

S. No.	Sieve Size	Weight retained in (gms)	%age Retained	wt	Cumulative %age retained	%age passing	Reqd. %age passing as per specs.
1.	10mm	0 gm	0.00	0.00	0.00	100.00	100
2.	4.75mm	0 gm	0.00	0.00	0.00	100.00	90-100
3.	2.36mm	0 gm	0.00	0.00	0.00	100.00	85-100
4.	1.18mm	90	18.00	18.00	82.00	82.00	75-100
5.	600micron	76	15.20	33.20	67.00	67.00	60-79
6.	300micron	240	48.00	81.20	19.00	19.00	12-40
7.	150micron	72	14.40	95.60	4.60	4.60	0-10
8.	Pan	23	4.60	100.00	0.00	0.00	

ACCEPTABLE

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

Copy to:

1. BB/C-3
2. 010

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