

Part I

Dispatch No D-1336/EE/C-6/DUSIB/16-17 Date: 31/1/17
Sub: Testing of Coarse/~~fine~~ sand for particle size distribution/silt content.

No :-AL-47/WJ-6981/(128)/EE/C-6/DUSIB/2016-17/D-1082

Dated: 09-11-2016

1. Name of work:- EIUS
2. Sub Head:- Providing and laying CC pavement in Existing deteriorated lanes and construction of drainage system at Subhash Camp, NTPC Badarpur.

2. Details from where sample is collected
3. Name of Circle/Division:
4. Name of Junior Engineer:
5. Name of Assistant Engineer:
6. Name of Executive Engineer:
7. Name of Contractor/Agency:
8. Name of Officer collecting sample:
9. Date of collection:
10. Quantity of sample sent for testing:

From site
II

M.G. Sharma
O.P. Pruthi
M/s P.M. Const.Co
M.G. Sharma

29.12.16

2 kg

Specimen relating to work mentioned above is/are sent for testing. It is certified that the sample/
samples marked-----X-----has/have been taken in my presence which represent ~~500g~~ 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.)/2016-17/D- 3002
Test No. 1953 Date: 3.1.17
Date of Receipt: 3.1.17
Date of testing: 3.1.17/4.1.17

Date: 10/1/17

(A) SILT CONTENT:

Height of Silt : 7.50 ml
Height of Sand : 105.00 ml
% age of silt content: 7.14 %

Weight of sample tested: 500 gram

(B) PARTICLE SIZE DISTRIBUTION

S.No	Sieve Size	Weight retained in (gms)	% age wt. retained	Cumulative %age retained	% age passing	Reqd. % age passing as per specs.
1.	10mm	00	0.00	0.00	100.00	100
2.	4.75mm	00	0.00	0.00	100.00	90-100
3.	2.36mm	28	5.60	5.60	94.40	85-100
4.	1.18mm	67	13.40	19.00	81.00	75-100
5.	600micron	71	14.20	33.20	66.80	60-79
6.	300micron	193	38.60	71.80	28.20	12-40
7.	150micron	93	18.60	90.40	9.60	0-10
8.	Pan	48	9.60	100.00	0.00	0-0

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.

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

Copy to:-

1. EE/C-6
2. ac