

To

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

RNo. 890

RECEIVED 25 JUL 2017

**Part I**

Dispatch No. AB-5/C-12/DUSIB/2017/D-75 Date: 24/07/17

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

AL No. .14/WK/7205(172)/EEC-12/DUSIB/2017-18 /D- 467 dated 08.06.2017

NOW: GIA to Existing Infrastructure. SH: Construction of boundary wall of open surface of LSC near plot no. B-715 in Block-B at SRS Holambi Kalan Ph-II (Metro Vihar) (Project ID 000006637).

1. Details from where sample is collected 8.10
2. Name of Circle/Division Circle-4/C-12
3. Name of Junior Engineer -----
4. Name of Assistant Engineer Rakesh Kumar
5. Name of Executive Engineer Sh. Kamal Singh
6. Name of Contractor/Agency M/s Y.K. Goel
7. Name of Officer collecting sample: Rakesh Kumar/Kamal Singh
8. Date of collection: 24-07-2017
9. Size and description of sample 0. Sand Zone III
10. Quantity of sample sent for testing one bag

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 (AE/AE)

**Part II**

**TEST REPORT**

No. SE (QC)/AE (Lab.)/2017-18/D- 1025

Date: 25/07/17

Test No. 890 Date: 25-7-17

Date of Receipt: 25/7/2017

Date of testing: 25/7/2017

**(A) SILT CONTENT:**

Height of Silt : 8 ml  
Height of Sand : 102 ml  
% age of silt content:

$\frac{8}{102} \times 100 = 7.84\%$

**ACCEPTABLE**

**(B) PARTICLE SIZE DISTRIBUTION**

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       | 0 gm                     | 0.00               | 0.00                     | 100.00        | 100                               |
| 2.   | 4.75mm     | 0 gm                     | 0.00               | 0.00                     | 100.00        | 90-100                            |
| 3.   | 2.36mm     | 12 gm                    | 2.40               | 2.40                     | 97.60         | 85-100                            |
| 4.   | 1.18mm     | 26 gm                    | 5.20               | 7.60                     | 92.40         | 75-100                            |
| 5.   | 600micron  | 85 gm                    | 17.00              | 24.60                    | 75.40         | 60-79                             |
| 6.   | 300micron  | 228 u                    | 45.60              | 70.20                    | 29.60         | 12-40                             |
| 7.   | 150micron  | 106 u                    | 21.20              | 91.40                    | 8.60          | 0-10                              |
| 8.   | Pan        | 43 u                     | 8.60               | 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.

Assistant Engineer (QC-Lab)  
DUSIB, Vikas Kutir, ITO  
Delhi Urban Shelter Improvement Board  
Gov. of N.C.T. of Delhi

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