

**DELHI URBAN SHELTER IMPROVEMENT BOARD
GOVT. OF NCT OF DELHI
OFFICE OF THE EXECUTIVE ENGINEER:C-8**

RNo- 1260

RECEIVED 30 AUG 2017

To,

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

Part I

Dispatch No

D-477/EE-C-8/DUSIB/2017-18 *30/08/17*
Date:

Sub: Testing of Stone Aggregate of nominal size 40 mm for Grading/Impact test.

A. L. No. 34/EE-C-8/DUSIB/2017-18/D-410

Dated. 10.08.2017.

1. Name of work: JSC (Pay & Use)
SH: Construction of Platform & septic tank for 10 seater Prefab JSC in JJCluster
Ajit Nagar New Seelampur.(Project I.D. 000009308)
2. Details from where sample is collected From site
3. Name of Circle/Division Circle III/C-8
4. Name of Junior Engineer Vishal Sharma
5. Name of Assistant Engineer Sh. J.L. Jain
6. Name of Executive Engineer Sh. P.K. Garg
7. Name of Contractor/Agency M/s Raj Kumar Sharma
8. Name of Officer collecting sample Sh. J.L. Jain
9. Date of collection: *28/8/17*
10. Size and description of sample *40 mm nominal size*
11. Quantity of sample sent for testing *15 kg*

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]

Signature of JE
In charge of work

[Signature]
Signature of Contractor

[Signature]

Signature of Officer
taking sample (EE/AE)

Part II

TEST REPORT

No. SE (QC)/AE (Lab.)/2017-18/D- *1471*

Date: *31/08/17*

Test No. 1260

Date: *30.8.17*

Date of Receipt: *30/8/17*

Date of testing: *31/8/17*

(A) GRADING/SIEVE ANALYSIS: *40 mm nominal size* Wt. of sample tested: *5000 gm*

| S. No | Sieve Size | Weight retained In (kgm/gms) | % age wt. retained | Cumulative %age retained | % age passing | Reqd. % age passing as per specification |
|-------|----------------|---------------------------------|-----------------------|-----------------------------|------------------|--|
| 1. | <i>80mm</i> | <i>0 gm</i> | <i>0.00</i> | <i>0.00</i> | <i>100.00</i> | <i>100</i> |
| 2. | <i>40mm</i> | <i>0 gm</i> | <i>0.00</i> | <i>0.00</i> | <i>100.00</i> | <i>95-100</i> |
| 3. | <i>20 mm</i> | <i>2840 gm</i> | <i>56.80</i> | <i>56.80</i> | <i>43.20</i> | <i>30-70</i> |
| 4. | <i>10 mm</i> | <i>1220 gm</i> | <i>24.40</i> | <i>81.20</i> | <i>18.80</i> | <i>10-35</i> |
| 5. | <i>4.75 mm</i> | <i>978 gm</i> | <i>19.56</i> | <i>96.76</i> | <i>3.24</i> | <i>0-8</i> |
| 6. | <i>fine</i> | <i>1620</i> | <i>3.24</i> | <i>100.00</i> | | |

ACCEPTABLE

(B) IMPACT TEST

| S. No | Total Wt. of sample (W ₁) (gms) | Wt. of fines passing 2.36 mm IS Sieve (W ₂) (in gms) | % impact value W ₂ /W ₁ x 100 | Average impact Value % age |
|-------|--|---|--|-------------------------------|
| 1. | | | | |
| 2. | | <i>not asked for</i> | | |

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.

Copy to:-

1. *EE/C-8*

[Signature]
Assistant Engineer (QC Lab.)
DUSIB, Vikas Kutir, ITO
Assistant Engineer (QC)
Delhi Urban Shelter Improvement Board
Govt. of NCT of Delhi