

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

R.No: 1086  
RECEIVED 11 AUG 2017

Part II  
No. D-08/AE/11/C-2/DUSIB

Date: 11/8/17

Sub: Testing of Stone Aggregate 20mm for Grading 20 mm n.s.

1. Name of work:- (GIA to DUSIB) for existing infrastructure,  
Sub-Head:- N.O.W- Protection of land from encroachment (GIA existing infrastructure),  
SH:- RCC boundary wall based on pre-fabricated technology on the land lying vacant at Savda Ghehra Ph-I
2. Details from where sample is collected: ...From site.....
3. Name of Circle / Division: ...Circle- 1 /C-2.....
4. Name of Junior Engineer: .....
5. Name of Assistant Engineer: ...Sh. J.N. Garg.....
6. Name of Executive Engineer: .....Sh. S.C.Sharma.....
7. Name of Contractor / Agency: ...M/s Bansal Construction Co.
8. Name of Officer Collecting Sample: ..... Sh. J.N. Garg .....
9. Date of collection: ..... 11/8/17 .....
10. Size and description of sample :  
 Stone agg. 20 mm n.s.....
11. Quantity of sample sent for testing: ...1 sealed bag of appox. ....

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 ..... cum.

Signature of J.N. Garg  
In charge of work

Signature of Contractor

Signature of Officer  
Taking sample (EE / AE)

**TEST REPORT**

**PART - II**

No. SE(QC)/AE(Lab)/2008/D- 1241  
Test No. .... 1086 .... Date ..... 11/8/17 .....

Date 16/08/17  
Date of Receipt ..... 11/8/2017 .....

**(A) SIEVE ANALYSIS** 20 mm n.s.

| S. No. | Sieve Size | Weight Retained in (Kgm/gms) | %age wt. retained | Cumulative %age retained | %age passing | Reqd. %age passing as per specs. |
|--------|------------|------------------------------|-------------------|--------------------------|--------------|----------------------------------|
| 1.     | 40 mm      | 0 gm                         | 0.00              | 0.00                     | 100.00       | 100                              |
| 2.     | 20 mm      | 90 "                         | 4.50              | 4.50                     | 95.50        | 95-100                           |
| 3.     | 10 mm      | 900 "                        | 45.00             | 49.50                    | 50.50        | 25-55                            |
| 4.     | 4.75 mm    | 850 "                        | 42.50             | 92.00                    | 8.00         | 0-10                             |
| 5.     | Pass       | 160 "                        | 8.00              | 100.00                   | 0.00         | —                                |
| 6.     | —          | —                            | —                 | —                        | —            | —                                |

**ACCEPTABLE**

**(B) IMPACT TEST**

DT. OF TESTING .....

| S. No. | Total Wt. Of sample (W1) (gms) | Wt. Of fines passing 2.36 mm IS Sieve (W2) (In gms) | % impact value W2/W1 x 100 | Average impact Value %age |
|--------|--------------------------------|---|----------------------------|---------------------------|
| 1.     |                                |   |                            |                           |
| 2.     | Not asked for                  |   |                            |                           |

Only testing has been conducted in this laboratory, the sample have been collected, cured and handed over by the field staff of the division.

Copy To -  
EE/C-2

Assistant Engineer(QC) Lab,  
DUSIB, Vikas Kuteer, ITO,  
Delhi Urban