

To

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

RNO. 1976
RECEIVED 12 DEC 2017

Part I

Dispatch No EE/C-12/DUSIB/2017-18/D-949

Date: 12/12/2017

Sub: Testing of Stone Aggregate of nominal size 20 mm for Grading/Impact test.

A. L. No. WK/7205/186/38/EE C-12/DUSIB/2017-18/D-819 dt 25/10/17

Name of Work: Pay and use ISC

Sub Head: Construction of 1ro. complex with platform, sephitank & its disposal 30 WLS at
JT cluster near railway colony cement siding Shakurbasti (for cubicals) site IV
(PID no 6468)

Details from where sample is collected:

1. Name of Circle/Division
2. Name of Junior Engineer/ET
3. Name of Assistant Engineer
4. Name of Executive Engineer
5. Name of Contractor/Agency
6. Name of Officer collecting sample
7. Date of collection:
8. Size and description of sample
9. Quantity of sample sent for testing

Site of work.

Circle-IV/Div./C-12

~~N.A.~~ Sh. Tashav Agor

Sh. A.K. Sardana

Sh. Kamal Singh

M/s Durga Const. Co.

Sh. A.K. Sardana

20 mm N. size

1/2 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 JE
In charge of work

Signature of Contractor

Signature of Officer
taking sample (EE/AE)

Part II

TEST REPORT

No. SE (QC)/AE (Lab.)/2016-17/D- 2308

Date: 12/12/17

Test No. 1976 Date: 12.12.17

Date of Receipt: 12/12/2017

Date of testing: 12/12/2017

(A) GRADING/SIEVE ANALYSIS:

20 mm size.

Wt. of sample tested: 2000 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.	4.75 mm	2 gm	0.10	0.10	100.00	100
2.	20 mm	56 "	2.80	2.80	97.20	95-100
3.	10 mm	988 "	49.40	52.20	47.80	25-55
4.	4.75 mm	524 "	41.20	93.40	6.60	0-10
5.	Pans	132 "	6.60	100.00	0.00	
6.						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.				

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

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