

R No. 1224

RECEIVED 25 AUG 2017

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

Part I
Dispatch No. 18 B / AB / C-10 / DUSIB / 17-18 Date: 25.8.17
Sub: Testing of Stone Aggregate of nominal size 40 mm for Grading/Impact test

A. L. No. WB/4321/AL-17/EE-C-10/17-18/D-1365 Date: 12.5.17
1. Name of work: lay 2 use JSC
SH: Renovation/upgradation of 20 seat JSC at Bahadurgarh Road
Near Dhalao. (JSC code 19 CD 1012) AC-19, Sadai Bazar, ID. 00008126
2. Details from where sample is collected from site
3. Name of Circle/Division C-10
4. Name of Junior Engineer
5. Name of Assistant Engineer
6. Name of Executive Engineer
7. Name of Contractor/Agency Sh. Satish Chandra
Sh. Shyam Singh
M/s Mahindra Const. Company
8. Name of Officer collecting sample Satish Chandra AE
9. Date of collection: 25.8.17
10. Size and description of sample 40 mm
11. Quantity of sample sent for testing 10 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 100% quantity
of works/supply made at site/store Cur

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-1396 Date: 25.8.17
Test No. 1224 Date of Receipt: 25.8.17
Date of testing: 25.8.17 Date: 28/08/17

(A) GRADING/SIEVE ANALYSIS:

40 mm min 5

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.	80 mm	0.00	0.00	0.00	100.00	100
2.	40 mm	0.00	0.00	0.00	100.00	95.00
3.	20 mm	1974	39.48	39.48	60.52	30.70
4.	10 mm	1520	30.40	70.88	29.12	10.35
5.	4.75 mm	1040	20.80	91.68	8.20	0.5
6.	pan	166	3.32	100.00	0.00	

(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	<u>352 gm</u>	<u>48 gm</u>	<u>13.64</u>	<u>12.57%</u>
2	<u>348 gm</u>	<u>40 gm</u>	<u>11.49</u>	

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.

COPY TO:-
1 EE/C-10

Assistant Engineer (QC Lab.)
DUSIB Vikas Kuir, ITO