

URANIUM CORPORATION OF INDIA LIMITED

P.O: JADUGUDA MINES, JHARKHAND - 832102

Public Tender No.: PUR / 1 / RC / Stone Chips / 621

Item : Stone Chips

Annexure-7

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TEST ON 12 MM COARSE AGGREGATES

Sample supplied by M/s.....

Job with P.O No.

Supplier's Ref./Letter No.

Date :.....

Date of Sampling :

Date of Testing :

1) GRADING :

I.S SIEVE Designation	Location of work	Percentage passing through	Required percentage should be passed through		REMARKS
			Single size aggregate	Graded aggregate	
20 mm				100	Graded/Single size/Neither single size nor graded over size
16 mm			100		
12.5 mm			85 to 100	90 to 100	
10 mm			0 to 45	45 to 85	
4.75 mm			0 to 10	0 to 10	

REMARKS

2) FLAKINESS INDEX : % Flakiness Index shall not exceed 25%

3) <u>IMPACT VALUE</u> :	%	The aggregate impact value shall not exceed :- i) For concrete other than wearing surfaces - 45% ii) For concrete for wearing surface - 30%
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TEST ON 20MM COARSE AGGREGATES

Sample supplied by M/s.....

Job with P.O No.

Supplier's Ref./Letter No.

Date :

Date of Sampling :

Date of Testing :

1) GRADING :

I.S SIEVE Designation	Location of work	Percentage passing through	Required percentage should be		REMARKS
			Single size aggregate	Graded aggregate	
40 mm			100	100	
20 mm			85 to 100	95 to 100	
10 mm			0 to 20	25 to 55	
4.75 mm			0 to 5	0 to 10	

REMARKS

2) CRUSHING VALUE

%

The aggregate crushing value shall not exceed :-
i) For concrete other than wearing surfaces - 45%
ii) For concrete for wearing surface - 30%

REMARKS

3) FLAKINESS INDEX

%

Flakiness Index should not exceed 25%

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TEST ON 40MM COARSE AGGREGATES

Sample supplied by M/s.....

Date of Sampling : Weight of sample taken for testing

Date of Testing : Name of Job with P.O No.....

Supplier's Ref./Letter No. Date :

1) GRADING :

I.S SIEVE Designation	Sample mark	Percentage passing through	Required percentage should be		REMARKS
			Single size aggregate	Graded aggregate	
80 mm			100	100	
63 mm			100		
40 mm			85 to 100	95 to 100	
20 mm			0 to 20	30 to 70	
16 mm					
12.5 mm					
10 mm			0 to 5	10 to 25	
4.75 mm				0 to 5	
2.36 mm					