



Lab ID: GCS-MT-03-80608-002

Date: 01-12-2023

### TEST REPORT OF FINE AGGREGATE (M SAND)

Client: KYR Enterprises

Address: #192, 3<sup>rd</sup> floor, 1<sup>st</sup> main, Vijayashree layout Hulimavu gate, B.G.Road Bangalore-560076

Work Order: Letter dated: 29-11-2023

Date of Receipt: 29-11-2023

Sample ID No: 80605-002/02

Ref to BIS codes: Specification: IS 383:2016

Test Method: IS: 2386 (Part - 1, 2, 3)

IS 2386:1963(RA 2011)-Part 1 Particle Size and Shape.

IS 2386:1963(RA 2011)-Part 2 Estimation of Deleterious Materials and Organic Impurities.

IS 2386:1963(RA 2011)-Part 3 Specific Gravity, Density, Voids, Absorption and Bulking.

Date of test: 30-11-2023

Total weight taken: 1000 grams

SL.No	Sieve size	Weight Retained (gms)	Cumulative Weight Retained (gms)	% Cumulative Weight Retained	% Passing	Requirement as per IS 383:2016				Remarks
						Grading Zone I	Grading Zone II	Grading Zone III	Grading Zone IV	
1	10 mm	0	0	0	100	100	100	100	100	The tested Sample confirms to Grading Zone II
2	4.75 mm	0	0	0	100	90-100	90-100	90-100	95-100	
3	2.36 mm	0	0	0	100	60-95	75-100	85-100	95-100	
4	1.18 mm	103	103	10.3	89.7	30-70	55-90	75-100	90-100	
5	600 micron	325	428	42.8	57.2	15-34	35-59	60-79	80-100	
6	300 micron	304	732	73.2	26.8	5-20	8-30	12-40	15-50	
7	150 micron	191	923	92.3	7.7	0-10	0-10	0-10	0-15	
8	Pan	77	1000	100	0	---	---	---	---	

### PHYSICAL PROPERTIES

Sl. No	Tests	Result	Requirements as per IS:383-2016
1	Water Absorption(%)	2.15	--
2	Specific Gravity	2.64	--
3	Finer than 75 $\mu$ (%)	10.4	15.00% for crushed sand 12.00% for mixed sand

#### Remarks:

The tested samples confirms to the requirements of IS 383:2016 with respect to Physical test Conducted.

1. The test results pertain to the number of samples as furnished by the customer
2. Any correction in the report will make this report invalidate
3. This report without prior written approval should not be reproduced or published in full or part
4. Samples will be disposed after 90 days from the date of issue of test certificate.

Prepared By:

Shalini S

Tested By

Koushik

For M/s. Gooly Consultancy Services

*Shalini S*

Technical Manager



FORM NO:GCS/5.10/TR-02

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