

*"Intelligence with Integrity"***ISO/IEC 17025 Accredited Testing Laboratory by NABL Vide Certificate Number TC - 12182
TEST REPORT**

STRUCTWEL/HYD/Level IV/PHY/TR/FA/08	
Rev. No. - 00	Rev. Date: 02/01/2023
Discipline: Mechanical	Group: Building Materials

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TC-12182

TEST REPORT NO. & DATE**R&D/LAB/HYD/2025-26/HYD01620258/3065****ULR No. TC1218225000003057F****23-12-2025****1 Name & Address of Customer**

SSREC

SY.NO 290, SY.NO 290, SY.NO 290, MALKAPUR VILLAGE,
Dandumalkapur Industrial Park, Yadadri Bhuvanagiri, Telangana, 508252**2 Project / Site**

SSREC

3 Location of Performance of Test

At Laboratory

4 Customer's Reference

Letter No: Nill Mail date:16/12/2025

5 Sample

i) Description

Aggregate (Fine)

ii) Quantity

1 No.

iii) Date of receipt

16-12-2025

iv) Condition

Acceptable

v) Source

Sample supplied by the customer

6 Test method followed

As Mentioned Below

7 Date of Testing

17-12-2025 to 20-12-2025

TEST REPORT OF FINE AGGREGATE*** ID. Mark**

C-Sand

*** Source**

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*** Invoice No**

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Sr. No.	TEST PARAMETER	Test Method Followed	Results	Limit As per IS 383-2016 : Table 9			
				Zone I	Zone II	Zone III	Zone IV
1	Sieve Analysis	IS 2386:1963 Part 1 (RA 2021)	% Passing				
	4.75 mm		99.91	90-100	90-100	95-100	
	2.36 mm		94.19	60-95	75-100	85-100	
	1.18 mm		65.25	30-70	55-90	75-100	
	600 micron		47.82	15-34	35-59	60-79	
	300 micron		29.40	5-20	8-30	12-40	
	150 micron		11.80	0-10	0-10	0-15	
	*The tested sample conforms to the requirement of zone-II as per IS 383-2016.						
2	Specific gravity	IS 2386:1963 Part 3 (RA 2021)	2.40	2.1 to 3.2			
3	Water Absorption %	IS 2386:1963 Part 3 (RA 2021)	2.20	5 % Max			
4	Dry Bulk Density (Loose) Kg/lit	IS 2386:1963 Part 3 (RA 2021)	1.38	-			
5	Bulk density (Rodded) kg/lit		1.50	-			
6	Material Finer than 75 micon (Silt Content) %	IS 2386:1963 Part 1 (RA 2021)	1.60	Max 10% for Manufactured sand			
				Max 12% for Mixed sand			
				Max 15% for Crushed sand			

NOTE :

- This test report refers only to the sample submitted for testing.
- This test report is valid at the time of and under the conditions specified herein.
- This test report may not be reproduced in part, without the permission of this laboratory.
- Any correction invalidates this test report.
- *-- Data provided by client.
- **--Values derived through Calculations

V. Anand
23/12/2025

V Anand (Lab Head)**Reviewed & Authorised Signatory*********End of Report*******

*"Intelligence with Integrity"***ISO/IEC 17025 Accredited Testing Laboratory by NABL Vide Certificate Number TC - 12182**
TEST REPORT

STRUCTWEL/HYD/Level IV/PHY/TR/FA/08	
Rev. No. - 00	Rev. Date: 02/01/2023
Discipline: Mechanical	Group: Building Materials

PAGE 1 OF 1



TC-12182

TEST REPORT NO. & DATE**R&D/LAB/HYD/2025-26/HYD01620258/3064****ULR No. TC1218225000003056F****23-12-2025****1 Name & Address of Customer**

SSREC

SY.NO 290, SY.NO 290, SY.NO 290, MALKAPUR VILLAGE,
Dandumalkapur Industrial Park, Yadadri Bhuvanagiri, Telangana, 508252**2 Project / Site**

SSREC

3 Location of Performance of Test

At Laboratory

4 Customer's Reference

Letter No: Nill Mail date:16/12/2025

5 Sample

i) Description

Aggregate (Fine)

ii) Quantity

1 No.

iii) Date of receipt

16-12-2025

iv) Condition

Acceptable

v) Source

Sample supplied by the customer

6 Test method followed

As Mentioned Below

7 Date of Testing

17-12-2025 to 20-12-2025

TEST REPORT OF FINE AGGREGATE*** ID. Mark**

M-Sand

*** Source**

--

*** Invoice No**

--

Invoice No.		TEST PARAMETER	Test Method Followed	Results	Limit As per IS 383-2016 : Table 9			
Sr. No.					Zone I	Zone II	Zone III	Zone IV
1	Sieve Analysis	IS 2386:1963 Part 1 (RA 2021)	% Passing					
	4.75 mm		100.00	90-100	90-100	90-100	95-100	
	2.36 mm		93.93	60-95	75-100	85-100	95-100	
	1.18 mm		66.09	30-70	55-90	75-100	90-100	
	600 micron		49.62	15-34	35-59	60-79	80-100	
	300 micron		31.05	5-20	8-30	12-40	15-50	
	150 micron		11.77	0-10	0-10	0-10	0-15	
	*The tested sample conforms to the requirement of zone-II as per IS 383-2016.							
2	Specific gravity	IS 2386:1963 Part 3 (RA 2021)	2.40	2.1 to 3.2				
3	Water Absorption %	IS 2386:1963 Part 3 (RA 2021)	2.00	5 % Max				
4	Dry Bulk Density (Loose) Kg/lit	IS 2386:1963 Part 3 (RA 2021)	1.41	-				
5	Bulk density (Rodded) kg/lit		1.57	-				
6	Material Finer than 75 micon (Silt Content) %	IS 2386:1963 Part 1 (RA 2021)	1.20	Max 10% for Manufactured sand				
				Max 12% for Mixed sand				
				Max 15% for Crushed sand				

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- **--Values derived through Calculations

V. Anand
V Anand (Lab Head)
 Reviewed & Authorised Signatory

*******End of Report*******

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