



# KERALA STATE NIRMITHI KENDRA

NIRMITHI TESTING LABORATORY

CPT CAMPUS, VATTIYOORKAVU

THIRUVANANTHAPURAM-695013

PHONE No. 0471 - 2362229

NO:17502

No. T5/922/2021-22/RNK-TVPM

Date: 08.01.2024

Ref:- Your request letter dtd.19.12.2023.

Testing of: Sample of cement supplied for various tests - Dalmia Instapro cement (51 12 23 16 3516)

Project:

Construction of compound wall at right side of the Audit Building at PAG'S office campus, Trivandrum.

Amount:3186/-	Invoice No. 4514	Invoice Date: 19.12.2023
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To Mr. Shinto Raj  
Sales Manager,  
Shine Industries.

## TEST RESULTS

1. % of water for standard consistancy	: 30 %
2. Initial setting time	: 140 minutes
3. Final setting time	: 315 minutes
4. Fineness	: 1.2 %
5. Soundness	: 1mm (<10mm) sound
6. 7th day compressive strength	: 35.46 N/mm <sup>2</sup>

Test conducted by:

Signature:

Verified by:

Signature:

COUNTER SIGNED AND ISSUED



Office Seal

Regional Engineer



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PHONE No. 0471 - 2362229

NO:17503

No. T5/922/2021-22/RNK-TVPM

Date: 08.01.2024

Ref:- Your request letter dtd.19.12.2023.

Testing of: Sample of cement supplied for various tests - Dalmia Instapro cement (47 11 16 6871)

Project: Construction of compound wall at right side of the Audit Building at PAG'S office campus, Trivandrum.

Amount:3186/-	Invoice No. 4514	Invoice Date: 19.12.2023
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To Mr. Shinto Raj  
Sales Manager,  
Shine Industries.

## TEST RESULTS

1. % of water for standard consistancy	: 30.75 %
2. Initial setting time	: 150 minutes
3. Final setting time	: 330 minutes
4. Fineness	: 1 %
5. Soundness	: 1mm (<10mm) sound
6. 7th day compressive strength	: 34.80 N/mm <sup>2</sup>

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NIRMITHI TESTING LABORATORY

CPT CAMPUS, VATTIYOORKAVU

THIRUVANANTHAPURAM-695013

PHONE No. 0471 - 2362229

NO:17504

No. T5/922/2021-22/RNK-TVPM

Date: 08.01.2024

Ref:- Your request letter No. SCTL/PRJ/210/2019/PMM/8420 dtd 03.12.2023.

Testing of: 3 no's of concrete cube supplied for testing compressive strength.

Project: Smartcity Roads - Road ID 27 - Utility Duct side wall concreting.

Amount: 1416/-	Invoice No. 4593	Invoice Date: 08.01.2024
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To The Manager (Contracts & Projects)

Smart City Thiruvnanthapuram Ltd (SCTL).

## TEST RESULTS

Identification of the cube	Mix	Date of casting	Maximum load taken (KN)	Compressive strength (N/mm <sup>2</sup> )
1	M <sub>25</sub>	31.12.2023	450	20.00
2	M <sub>25</sub>	31.12.2023	480	21.33
3	M <sub>25</sub>	31.12.2023	490	21.78

Test conducted by:

Signature:

Verified by:

Signature:

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Regional Engineer



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NIRMITHI TESTING LABORATORY

CPT CAMPUS, VATTIYOORKAVU

THIRUVANANTHAPURAM-695013

PHONE No. 0471 - 2362229

NO:17505

No. T5/922/2021-22/RNK-TVPM

Date: 08.01.2024

Ref:- Your request letter No. SCTL/PRJ/210/2019/PMM/8420 dtd 03.12.2023.

Testing of: 3 no's of concrete cube supplied for testing compressive strength.

Project: Smartcity Roads - Road ID 27 - Utility Duct side wall and slab concreting.

Amount: 1416/-	Invoice No. 4593	Invoice Date: 08.01.2024
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To The Manager (Contracts & Projects)

Smart City Thiruvnanthapuram Ltd (SCTL).

TEST RESULTS				
Identification of the cube	Mix	Date of casting	Maximum load taken (KN)	Compressive strength (N/mm <sup>2</sup> )
1	M <sub>25</sub>	11.12.2023	900	40.00
2	M <sub>25</sub>	11.12.2023	740	32.89
3	M <sub>25</sub>	11.12.2023	630	28.00

Test conducted by:

Signature:

Verified by:

Signature:

COUNTER SIGNED AND ISSUED



Office Seal

Regional Engineer