



# KERALA STATE NIRMITHI KENDRA

NIRMITHI TESTING LABORATORY

CPT CAMPUS, VATTIYOORKAVU

THIRUVANANTHAPURAM-695013

PHONE No. 0471 - 2362229

NO:17158

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

Date: 15.09.2023

Ref:- Your request letter No.04/GMBHSS/material test dtd.08.08.2023

Testing of: One bag cement supplied for various test.

Project:

Construction of school building to GMBHSS, Thycaud, Thiruvananthapuram - cement - Chettinad 53 grade OPC.

|               |                  |                          |
|---------------|------------------|--------------------------|
| Amount:3186/- | Invoice No. 3934 | Invoice Date: 08.08.2023 |
|---------------|------------------|--------------------------|

To The Assistant Engineer  
Thiruvananthapuram Corporation,  
Thiruvananthapuram.

## TEST RESULTS

|  |                                  |             |
|--|----------------------------------|-------------|
| 1. % of water for standard consistency | : 31.25%                         | 2.          |
| Initial setting time                   | : 195 minutes                    | 3. Final    |
| setting time                           | : 470 minutes                    | 4. Fineness |
| : 1.13 %                               | 5. Soundness                     | :           |
| 1mm<10mm sound                         | 6. 28th day compressive strength | :           |
| 53.73 N/mm <sup>2</sup>                |                                  |             |

Test conducted by:

Signature:

Verified by:

Signature:

COUNTER SIGNED AND ISSUED



Office Seal

Regional Engineer



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NIRMITHI TESTING LABORATORY

CPT CAMPUS, VATTIYOORKAVU

THIRUVANANTHAPURAM-695013

PHONE No. 0471 - 2362229

NO:17159

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

Date: 15.09.2023

Ref:- Your request letter No.CC/RO/TVM/NHM/KML/10/2022-23/196 dtd.06.06.2023

Testing of: One bag cement supplied for various test.

Project:

NHM WORKS- Construction of New Building for PHC KUMMIL -Cement -Ramco 53 grade OPC.

|               |                  |                         |
|---------------|------------------|-------------------------|
| Amount:3186/- | Invoice No. 3951 | Invoice Date:10.08.2023 |
|---------------|------------------|-------------------------|

To The Assistant Engineer  
Thiruvananthapuram Corporation,

## TEST RESULTS

|  |                                 |             |
|--|---------------------------------|-------------|
| 1. % of water for standard consistency | : 34.25%                        | 2.          |
| Initial setting time                   | : 145 minutes                   | 3. Final    |
| setting time                           | : 495 minutes                   | 4. Fineness |
| : 2.13 %                               | 5. Soundness                    | :           |
| 1mm<10mm sound                         | 6. 28th day copressive strength | :           |
| 54.26 N/mm2                            |                                 |             |

Test conducted by:

Signature:

Verified by:

Signature:

COUNTER SIGNED AND ISSUED



Office Seal

Regional Engineer



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NIRMITHI TESTING LABORATORY  
CPT CAMPUS, VATTIYOORKAVU  
THIRUVANANTHAPURAM-695013  
PHONE No. 0471 - 2362229

No.17160

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

Date:15.09.2023

Ref:- Your request letter dtd.03.08.2023.

Testing of: 6 no's of Interlock Paver Block (80mm thick) supplied for testing compressive strength.

|               |                  |                          |
|---------------|------------------|--------------------------|
| Amount:2832/- | Invoice No. 4114 | Invoice Date: 15.09.2023 |
|---------------|------------------|--------------------------|

To Mr.Abdul Hakkim  
(Govt.Contractor).

## TEST RESULTS

| Identification of the block | Area of the Block (mms) | Maximum load taken (KN) | Compressive strength (N/mm2) | Correction Factor | Corrected Compressive strength (N/mm2) |
|-----------------------------|-------------------------|-------------------------|------------------------------|-------------------|--|
| 1                           | 30669                   | 1350                    | 44.02                        | 1.12              | 49.30                                  |
| 2                           | 30669                   | 1400                    | 45.65                        | 1.12              | 51.13                                  |
| 3                           | 30669                   | 1280                    | 41.74                        | 1.12              | 46.75                                  |
| 4                           | 30669                   | 1300                    | 42.39                        | 1.12              | 47.48                                  |
| 5                           | 30669                   | 1480                    | 48.26                        | 1.12              | 54.05                                  |
| 6                           | 30669                   | 1310                    | 42.71                        | 1.12              | 47.84                                  |

Test conducted by:

Signature:

Verified by:

Signature:

COUNTER SIGNED AND ISSUED



Office Seal

Regional Engineer



# KERALA STATE NIRMITHI KENDRA

NIRMITHI TESTING LABORATORY  
CPT CAMPUS, VATTIYOORKAVU  
THIRUVANANTHAPURAM-695013  
PHONE No. 0471 - 2362229

NO:17156

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

Date: 14.09.2023

Ref:- Your request letter No.41/10/AEE/2022/PBP/LSGD dtd.11.09.2023

Testing of: 6 no's of concrete cube supplied for testing compressive strength.

Project: Govt.UPS Varuvilakam Road Poikavila Kaliyamvila Ariyottukonam Kovilvilakam road construction in Pothencode GP.

|               |                  |                          |
|---------------|------------------|--------------------------|
| Amount:2832/- | Invoice No. 4117 | Invoice Date: 15.09.2023 |
|---------------|------------------|--------------------------|

To The Assistant Executive Engineer  
LSGD(LID & EW) Sub Division,  
Pothencode Block Panchayath.

| TEST RESULTS               |                 |                 |                         |   |
|----------------------------|-----------------|-----------------|-------------------------|---|
| Identification of the cube | Mix             | Date of casting | Maximum load taken (KN) | Compressive strength (N/mm <sup>2</sup> ) |
| 1                          | M <sub>20</sub> | 14.08.2023      | 450                     | 20.00                                     |
| 2                          | M <sub>20</sub> | 14.08.2023      | 440                     | 19.56                                     |
| 3                          | M <sub>20</sub> | 14.08.2023      | 450                     | 20.00                                     |
| 4                          | M <sub>20</sub> | 14.08.2023      | 420                     | 18.67                                     |
| 5                          | M <sub>20</sub> | 14.08.2023      | 460                     | 20.44                                     |
| 6                          | M <sub>20</sub> | 14.08.2023      | 440                     | 19.56                                     |

Test conducted by:

Signature:

Verified by:

Signature:

COUNTER SIGNED AND ISSUED



Office Seal

Regional Engineer



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NIRMITHI TESTING LABORATORY  
CPT CAMPUS, VATTIYOORKAVU  
THIRUVANANTHAPURAM-695013  
PHONE No. 0471 - 2362229

NO:17162

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

Date: 15.09.2023

Ref:- Your request letter

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

Project: Ambdekar settlement development scheme of Attingal, Kadampravaram SC colony -  
RCC Drainage & Slab.

|               |                  |                          |
|---------------|------------------|--------------------------|
| Amount:1416/- | Invoice No. 4118 | Invoice Date: 15.09.2023 |
|---------------|------------------|--------------------------|

To The Regional Engineer  
State Nirmithi Kendra,  
Office, Vattiyoorkavu.

Kerala  
Regional

## TEST RESULTS

| Identification of the cube | Mix             | Date of casting | Maximum load taken (KN) | Compressive strength (N/mm <sup>2</sup> ) |
|----------------------------|-----------------|-----------------|-------------------------|---|
| 1                          | M <sub>20</sub> | 05.09.2023      | 330                     | 14.67                                     |
| 2                          | M <sub>20</sub> | 05.09.2023      | 470                     | 20.89                                     |
| 3                          | M <sub>20</sub> | 05.09.2023      | 430                     | 19.11                                     |

Test conducted by:  
Verified by:

Signature:  
Signature:

COUNTER SIGNED AND ISSUED



Office Seal

Regional Engineer