



KERALA STATE NIRMITHI KENDRA

NIRMITHI TESTING LABORATORY

CPT CAMPUS, VATTIYOORKAVU

THIRUVANANTHAPURAM-695013

PHONE No. 0471 - 2362229

NO:17125

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

Date: 11.09.2023

Ref:- Your request letter

Testing of: 3 no's of 6" Pipehole Concrete Blocks supplied for testing compressive strength.

Amount:1416/-	Invoice No. 4092	Invoice Date: 07.09.2023
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To M/s Dalmia Cements Bharat Limited

TEST RESULTS			
Identification of the cube	Size of the Block(mms)	Maximum load taken (KN)	Compressive strength (N/mm ²)
1	400 X 150 X 200	200	3.33
2	400 X 150 X 200	284	4.73
3	400 X 150 X 200	262	4.37

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:17126

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

Date: 11.09.2023

Ref:- Your request letter No.QA/SFS/008/72dtd:07.09.2023.

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

Project: SFS AMBER Blue Block Column.

Amount:1416/-	Invoice No. 4089	Invoice Date: 07.09.2023
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To M/s Skyline Foundation & Structures (P) Ltd.

TEST RESULTS				
Identification of the cube	Mix	Date of casting	Maximum load taken (KN)	Compressive strength (N/mm ²)
1	M ₄₅	10.08.2023	1110	49.33
2	M ₄₅	10.08.2023	1170	52.00
3	M ₄₅	10.08.2023	1020	45.33

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. T5/922/2021-22/RNK-TVPM

NO:17127

Date: 11.09.2023

Ref:- Your request letter No.SCTL/PRJ/241/2019/IT-TSCCC/7720dtd:05.09.2023.

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

Project: Traffic & safety command control centre(tsecc) and Adaptive traffic control

Date of testing:07.09.2023

Amount:1416/-

Invoice No. 4091

Invoice Date: 07.09.2023

To M/s Smartcity Thiruvananthpuram Limited.

TEST RESULTS				
Identification of the cube	Mix	Date of casting	Maximum load taken (KN)	Compressive strength (N/mm ²)
1	M ₂₅		1060	47.11
2	M ₂₅		810	36.00
3	M ₂₅		820	36.44

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. T5/922/2021-22/RNK-TVPM

NO:17128

Date: 11.09.2023

Ref:- Your request letter No.AXEO/Nirmithi/cube/07.09.2023

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

Project: "Arcon Exotica Near Kims"

Date of testing:08.09.2023

Amount:1416/-

Invoice No. 4093

Invoice Date: 08.09.2023

To M/s Arcon Home Builders (P)Ltd..

TEST RESULTS				
Identification of the cube	Mix	Date of casting	Maximum load taken (KN)	Compressive strength (N/mm ²)
A1	M ₃₅	12.08.2023	920	40.89
A1	M ₃₅	12.08.2023	790	35.11
A1	M ₃₅	12.08.2023	810	36.00

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. T5/922/2021-22/RNK-TVPM

NO:17130

Date: 11.09.2023

Ref:- Your request letter No.AE/KVM/2023-2428.08.2023

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

Project: Pro.No.119/24 Palapparambil Kolloori Road Concreting - ward 4.

Amount:1416/-	Invoice No. 4095	Invoice Date: 08.09.2023
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To The Assistant Engineer

LSGD

Section, Karavaram Grama Panchayath

TEST RESULTS				
Identification of the cube	Mix	Date of casting	Maximum load taken (KN)	Compressive strength (N/mm ²)
1	M ₂₀	25.08.2023	300	13.33
2	M ₂₀	25.08.2023	280	12.44
3	M ₂₀	25.08.2023	300	13.33

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:17131

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

Date: 11.09.2023

Ref:- Your request letter No.AE/KVM/TEST 01/KVM/2023-24 Dtd: 04.09.2023

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

Project: Pro.No.121/24 AYYAPPANKONAM KOTTARAVATHUKKAL Road Concreting - ward 8.

Amount:1416/-	Invoice No. 4095	Invoice Date: 08.09.2023
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To The Assistant Engineer

LSGD

Section, Karavaram Grama Panchayath

TEST RESULTS

Identification of the cube	Mix	Date of casting	Maximum load taken (KN)	Compressive strength (N/mm ²)
1	M ₂₀	21.08.2023	460	20.44
2	M ₂₀	21.08.2023	410	18.22
3	M ₂₀	21.08.2023	460	20.44

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:17132

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

Date: 11.09.2023

Ref:- Your request letter No.KRFB/556/2023-APE(CIVIL)Dtd: 04.09.2023

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

Project: Development of Smart Roads and underground ducting including utility shifting of watersupply and power lines.

Amount:1416/-	Invoice No. 3841	Invoice Date: 21.07.2023
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To M/s Kerala Road Fund Board

TEST RESULTS				
Identification of the cube	Mix	Date of casting	Maximum load taken (KN)	Compressive strength (N/mm ²)
1	M ₂₀	24.06.2023	640	28.44
2	M ₂₀	24.06.2023	600	26.67
3	M ₂₀	24.06.2023	620	27.56

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:17134

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

Date: 11.09.2023

Ref:- Your request letter No.01/AE/LID EW/ARYD/KIIFB Dtd.15.07.2023

Testing of: Fine aggregate sample (Msand) supplied for sieve analysis.

Project:

KIIFB - KILA 3CR WORKS - GVHS ARYANAD COSTRUCTION OF NEW BLOCK.

Weight of sample :1000gms

Amount:708/-

Invoice No. 3832

Invoice Date: 20.07.2023

To The Assistant Engineer
&EW Section, Arvanad GP

LID

TEST RESULTS

IS Sieve Designation	Weight of sample retained(gms)	% Weight of sample retained(gms)	Cumulative % retained	% Passing
4.75 mm	6.40	0.64	0.64	99.36
2.36 mm	67.20	6.72	7.36	92.64
1.18 mm	310.80	31.88	38.44	61.56
600 microns	184.50	18.45	56.89	43.11
300 microns	175.10	17.51	74.40	25.60
150 microns	156.00	15.60	90.00	10.00
75 microns	73.40	7.34	97.34	2.36
Pan	26.60	2.60	100.00	0.00

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. T5/922/2021-22/RNK-TVPM

NO:17136

Date: 11.09.2023

Ref:- Your request letter No.01/AE/LID EW/ARYD/KIIFB Dtd.15.07.2023

Testing of: Coarse aggregate sample (20mm metal) supplied for sieve analysis.

Project: KIIFB - KILA 3CR WORKS - GVHS ARYANAD COSTRUCTION OF NEW BLOCK.

Weight of sample :3000gms		
Amount:708/-	Invoice No. 3832	Invoice Date: 20.07.2023

To The Assistant Engineer
&EW Section, Aryanad GP

LID

TEST RESULTS				
IS Sieve Designation	Weight of sample	% Weight of sample retained(gms)	Cumulative % retained	% Passing
40 mm	0.00	0.00	0.00	100.00
20 mm	410.00	13.67	13.67	86.33
10 mm	2450.00	81.67	95.34	4.60
4.75 mm	140.00	4.66	100.00	0.00
Pan	0.00	0.00	100.00	0.00

Test conducted by:
Verified by:

Signature:
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. T5/922/2021-22/RNK-TVPM

NO:17137

Date: 11.09.2023

Ref:- Your request letter No.01/AE/LID EW/ARYD/KIIFB Dtd.15.07.2023

Testing of: Coarse aggregate sample (12.50 mm metal) supplied for sieve analysis.

Project: KIIFB - KILA 3CR WORKS - GVHS ARYANAD COSTRUCTION OF NEW BLOCK.

Weight of sample :3000gms		
Amount:708/-	Invoice No. 3832	Invoice Date: 20.07.2023

To The Assistant Engineer
&EW Section, Aryanad GP

LID

TEST RESULTS				
IS Sieve Designation	Weight of sample	% Weight of sample retained(gms)	Cumulative % retained	% Passing
16 mm	0.00	0.00	0.00	100.00
12.50 mm	390.00	13	13	87.00
10 mm	2510.00	83.67	96.67	0.33
4.75 mm	100.00	3.33	100.00	0.00
Pan	0.00	0.00	100.00	0.00

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:17138

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

Date: 11.09.2023

Ref:- Your request letter dtd: 07.09.2023

Testing of: 2 no's of brick supplied for water absorption.

Amount:118/-	Invoice No. 4086	Invoice Date: 07.09.2023
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To Mr.Raveendran Nair

Ganesh Bhavan, Punnamoode,TVPM.

TEST RESULTS

Identification of the Brick	Dry Weight (kg)	Wet Weight (kg)	Water Absorption (%)
SK	2.825	3.300	16.81
DRB	2.760	3.245	17.57

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:17139

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

Date: 11.09.2023

Ref:- Your request letter dtd: 07.09.2023

Testing of: 2 no's of Brick supplied for testing compressive strength.

Amount:177/-	Invoice No. 4086	Invoice Date: 07.09.2023
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To Mr.Raveendran Nair
Ganesh Bhavan, Punnamoodu,TVPM.

TEST RESULTS			
Identification of the Brick	Size of the Brick(mms)	Maximum load taken (KN)	Compressive strength (N/mm2)
SK	220 X 100 X 75	218	9.91
DRB	220 X 100 X 75	228	10.36

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:17140

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

Date: 11.09.2023

Ref:- Your request letter

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

Project: I-KL-VASW-ENB-0002 Vizhinjam 2.

Date of testing: 07.09.2023

Amount: 1416/-

Invoice No. 4090

Invoice Date: 07.09.2023

To M/s KARAKKATTIL PROJECTS & INFRASTRUCTURE PVT. LTD.

TEST RESULTS

Identification of the cube	Mix	Date of casting	Maximum load taken (KN)	Compressive strength (N/mm ²)
VASW-0002	M ₂₀	08.08.2023	480	21.33
VASW-0002	M ₂₀	08.08.2023	600	26.67
VASW-0002	M ₂₀	08.08.2023	460	20.44

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. T5/922/2021-22/RNK-TVPM

NO:17142

Date: 11.09.2023

Ref:- Your request letter

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

Project: I-KL-NNKR-ENB-9204, Mulloor.

Amount: 1416/-	Invoice No. 4096	Invoice Date: 11.09.2023
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To M/s KARAKKATTIL PROJECTS & INFRASTRUCTURE PVT. LTD.

TEST RESULTS				
Identification of the cube	Mix	Date of casting	Maximum load taken (KN)	Compressive strength (N/mm ²)
NNKR-9204	M ₂₀	05.09.2023	480	21.33
NNKR-9204	M ₂₀	05.09.2023	400	17.78
NNKR-9204	M ₂₀	05.09.2023	410	18.22

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:17143

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

Date: 11.09.2023

Ref:- Your request letter

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

Project: I-KL-NNKR-ENB-9204, Mulloor.

Amount: 1416/-	Invoice No. 4096	Invoice Date: 11.09.2023
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To M/s KARAKKATTIL PROJECTS & INFRASTRUCTURE PVT. LTD.

TEST RESULTS				
Identification of the cube	Mix	Date of casting	Maximum load taken (KN)	Compressive strength (N/mm ²)
NNKR-9204	M ₂₀	04.09.2023	470	20.89
NNKR-9204	M ₂₀	04.09.2023	560	24.89
NNKR-9204	M ₂₀	04.09.2023	450	20.00

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:17144

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

Date: 11.09.2023

Ref:- Your request letter Dtd.25.08.2023

Testing of: Coarse aggregate sample (20mm metal) supplied for sieve analysis.

Project:Asset Sovereign.

Weight of sample :3000gms		
Amount:708/-	Invoice No. 4050	Invoice Date: 25.08.2023

To M/s G.S Builders & Contractors Pvt.Ltd.

TEST RESULTS				
IS Sieve Designation	Weight of sample retained(gms)	% Weight of sample retained(gms)	Cumulative % retained	% Passing
40 mm	0.00	0.00	0.00	100.00
20 mm	395.00	13.17	13.17	86.83
10 mm	2520.00	84	97.17	2.83
4.75 mm	85.00	2.83	100.00	0.00
Pan	0.00	0.00	100.00	0.00

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:17145

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

Date: 11.09.2023

Ref:- Your request letter Dtd.25.08.2023

Testing of: Fine aggregate sample (m sand) supplied for sieve analysis.

Project:Asset Sovereign.

Weight of sample :1000gms

Amount:708/-

Invoice No. 4050

Invoice Date: 25.08.2023

To M/s G.S Builders & Contractors Pvt.Ltd.

TEST RESULTS

IS Sieve Designation	Weight of sample retained(gms)	% Weight of sample retained(gms)	Cumulative % retained	% Passing
4.75 mm	5.00	0.50	0.50	99.50
2.36 mm	168.00	16.80	17.30	82.70
1.18 mm	265.00	26.50	43.80	56.20
600 microns	204.00	20.40	64.20	35.80
300 microns	167.00	16.70	80.90	19.10
150 microns	116.00	11.60	92.50	7.50
75 microns	64.00	6.40	98.90	1.10
Pan	11.00	1.10	100.00	0.00

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:17146

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

Date: 11.09.2023

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

Testing of: Coarse aggregate sample (20mm metal) supplied for sieve analysis.

Project:Asset Sovereign.

Weight of sample :3000gms

Amount:708/-

Invoice No. 3934

Invoice Date: 08.08.2023

To The Assistant Engineer
Thiruvananthapuram Corporation,
Thiruvananthapuram.

TEST RESULTS

IS Sieve Designation	Weight of sample retained(gms)	% Weight of sample retained(gms)	Cumulative % retained	% Passing
40 mm	0.00	0.00	0.00	100.00
20 mm	440.00	14.67	14.67	86.83
10 mm	2530.00	84.33	99	1.00
4.75 mm	30.00	1.00	100.00	0.00
Pan	0.00	0.00	100.00	0.00

Test conducted by:

Signature:

Verified by:

Signature:

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Office Seal

Regional Engineer



KERALA STATE NIRMITHI KENDRA

NIRMITHI TESTING LABORATORY

CPT CAMPUS, VATTIYOORKAVU

THIRUVANANTHAPURAM-695013

PHONE No. 0471 - 2362229

NO:17147

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

Date: 11.09.2023

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

Testing of: Fine aggregate sample (Msand) supplied for sieve analysis.

Project:Asset Sovereign.

Weight of sample :1000gms

Amount:708/-

Invoice No. 3934

Invoice Date: 08.08.2023

To The Assistant Engineer
Thiruvananthapuram Corporation,
Thiruvananthapuram.

TEST RESULTS

IS Sieve Designation	Weight of sample	% Weight of sample retained(gms)	Cumulative % retained	% Passing
4.75 mm	4.00	0.40	0.40	99.60
2.36 mm	170.00	17.00	17.40	82.60
1.18 mm	213.60	21.36	44.76	55.24
600 microns	200.40	20.04	64.80	35.20
300 microns	161.20	16.12	80.92	19.08
150 microns	118.40	11.84	92.76	7.24
75 microns	66.20	6.62	99.38	0.62
Pan	0.62	0.62	100.00	0.00

Test conducted by:

Verified by:

Signature:

Signature:

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Office Seal

Regional Engineer