



KERALA STATE NIRMITHI KENDRA

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

NO:17302

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

Date: 06.11.2023

Ref:- Your request letter

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

Project:I-KL-NNKR-ENB-9193, Kulathoor.

Amount:1416/-	Invoice No. 4299	Invoice Date: 06.11.2023
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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-9193	M ₂₀	27.10.2023	390	17.33
NNKR-9193	M ₂₀	27.10.2023	410	18.22
NNKR-9193	M ₂₀	27.10.2023	420	18.67

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:17302

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

Date: 06.11.2023

Ref:- Your request letter

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

Project:I-KL-NNKR-ENB-9193, Kulathoor.

Amount:1416/-	Invoice No. 4299	Invoice Date: 06.11.2023
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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/mm2)
NNKR-9193	M ₂₀	28.10.2023	350	15.56
NNKR-9193	M ₂₀	28.10.2023	360	16.00
NNKR-9193	M ₂₀	28.10.2023	350	15.56

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:17303

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

Date: 06.11.2023

Ref:- Your request letter

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

Project:I-KL-NNKR-ENB-9193, Kulathoor.

Amount:1416/-	Invoice No. 4299	Invoice Date: 06.11.2023
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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/mm2)
NNKR-9193	M ₂₀	31.10.2023	400	17.78
NNKR-9193	M ₂₀	31.10.2023	380	16.89
NNKR-9193	M ₂₀	31.10.2023	370	16.44

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:17304

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

Date: 06.11.2023

Ref:- Your request letter dtd. 06.11.2023

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

Project:Artech Panorama.

Concrete supplier:Ultratech RMC

Amount:1416/-	Invoice No. 4301	Invoice Date: 06.11.2023
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To M/s GJ Builders & Realtors.

TEST RESULTS				
Identification of the cube	Mix	Date of casting	Maximum load taken (KN)	Compressive strength (N/mm2)
1	M ₅₀	30.10.2023	790	35.11
2	M ₅₀	30.10.2023	800	35.56
3	M ₅₀	30.10.2023	790	35.11

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:17305

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

Date: 06.11.2023

Ref:- Your request letter no.805/SIPK-TVM-GHJL/2023 dtd.06.11.2023
Testing of: 3 no's of concrete cube supplied for testing compressive strenght.
Project: DR.GOVINDAN'S HOSPITAL - PHASE II, VANCHIYOOR.
1st floor Roof.

Amount:1416/-	Invoice No. 4303	Invoice Date: 06.11.2023
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To M/s SI Property(Kerala)Private Limited.

TEST RESULTS				
Identification of the cube	Mix	Date of casting	Maximum load taken (KN)	Compressive strength (N/mm2)
1	M ₂₀	09.10.2023	500	22.22
2	M ₂₀	09.10.2023	540	24.00
3	M ₂₀	09.10.2023	480	21.33

Test conducted by:

Signature:

Verified by:

Signature:

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Regional Engineer



KERALA STATE NIRMITHI KENDRA

NIRMITHI TESTING LABORATORY

CPT CAMPUS, VATTIYOORKAVU

THIRUVANANTHAPURAM-695013

PHONE No. 0471 - 2362229

NO:17306

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

Date: 06.11.2023

Ref:- Your request letter no.QA/SFS/008/104 dtd.06.11.2023.

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

Project:SFS AMBER Blue Block - 11th floor slab and beam.

Amount:1416/-

Invoice No. 4305

Invoice Date: 06.11.2023

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 ₃₀	07.10.2023	680	30.22
2	M ₃₀	07.10.2023	690	30.67
3	M ₃₀	07.10.2023	680	30.22

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:17307

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

Date: 06.11.2023

Ref:- Your request letter no.KIIFB-01/AE/LID-EW/KKM/2023 dtd.01.11.2023.

Testing of: M sand sample supplied for sieve analysis.

Project:

Govt.V&HSS Karakulam - School building.

Weight of sample:1000gm

Amount:708/-

Invoice No. 4293

Invoice Date: 01.11.2023

To The Assistant Engineer

LSGD

Section,

Karakulam

Grama Panchayath.

TEST RESULTS

IS Sieve Designation	Weight of sample retained (gms)	% Weight of sample retained	Cumulative % retained	% Passing
4.75mm	5.00	0.50	0.50	99.50
2.36mm	128.00	12.80	13.30	86.70
1.18mm	284.00	28.40	41.70	58.30
600microns	219.00	21.90	63.60	36.40
300microns	166.00	16.60	80.20	19.80
150microns	145.00	14.50	94.70	5.30
75microns	45.00	4.50	99.20	0.80
Pan	8.00	0.80	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:17308

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

Date: 06.11.2023

Ref:- Your request letter no.KIIFB-01/AE/LID-EW/KKM/2023 dtd.01.11.2023.

Testing of: P sand sample supplied for sieve analysis.

Project:

Govt.V&HSS Karakulam - School building.

Weight of sample:1000gm

Amount:708/-

Invoice No. 4292

Invoice Date: 01.11.2023

To The Assistant Engineer

LSGD

Section,

Karakulam

Grama Panchayath.

TEST RESULTS

IS Sieve Designation	Weight of sample retained (gms)	% Weight of sample retained	Cumulative % retained	% Passing
4.75mm	0.00	0.00	0.00	100.00
2.36mm	10.00	1.00	1.00	99.00
1.18mm	29.00	2.90	3.90	96.10
600microns	203.00	21.90	24.20	75.80
300microns	325.00	32.50	56.70	43.30
150microns	296.00	29.60	86.30	13.70
75microns	108.00	10.80	97.10	2.90
Pan	29.00	2.90	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:17309

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

Date: 06.11.2023

Ref:- Your request letter no.KIIFB-01/AE/LID-EW/KKM/2023 dtd.01.11.2023.

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

Project: Govt.V&HSS Karakulam - School building.

Weight of sample:3000gm

Amount:708/-	Invoice No. 4292	Invoice Date: 01.11.2023
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To The Assistant Engineer
Section,
Grama Panchayath.

LSGD
Karakulam

TEST RESULTS

IS Sieve Designation	Weight of sample retained (gms)	% Weight of sample retained	Cumulative % retained	% Passing
40mm	0.00	0.00	0.00	100.00
20mm	448.00	14.94	14.94	85.06
10mm	2485.00	82.83	97.76	2.23
4.75mm	67.00	2.23	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:17310

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

Date: 06.11.2023

Ref:- Your request letter no.KIIFB-01/AE/LID-EW/KKM/2023 dtd.01.11.2023.

Testing of: Coarse aggregate (12mm) sample supplied for sieve analysis.

Project: Govt.V&HSS Karakulam - School building.

Weight of sample:3000gm

Amount:708/-	Invoice No. 4292	Invoice Date: 01.11.2023
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To The Assistant Engineer

LSGD

Section,

Karakulam

Grama Panchayath.

TEST RESULTS

IS Sieve Designation	Weight of sample retained (gms)	% Weight of sample retained	Cumulative % retained	% Passing
40mm	0.00	0.00	0.00	100.00
20mm	287.00	14.35	14.35	85.65
10mm	1425.00	71.25	85.60	14.40
4.75mm	280.00	14.00	99.60	0.40
Pan	8.00	0.40	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:17311

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

Date: 06.11.2023

Ref:- Your request letter no.KIIFB-01/AE/LID-EW/KKM/2023 dtd.01.11.2023.

Testing of: 3 no's 8"solid concrete blocks supplied for testing water absorption.

Project: Govt.V&HSS Karakulam - School building.

Amount:177/-

Invoice No. 4292

Invoice Date: 01.11.2023

To The Assistant Engineer
Section,
Grama Panchayath.

LSGD
Karakulam

TEST RESULTS

Identification of the block	Dry weight (kg)	Wet weight(kg)	Water absorption (%)	Average water absorption(%)
1	27.67	28.25	2.096	2.54
2	26.98	27.82	3.113	
3	27.10	27.75	2.398	

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:17312

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

Date: 06.11.2023

Ref:- Your request letter no.KIIFB-01/AE/LID-EW/KKM/2023 dtd.01.11.2023.

Testing of: 3 no's 8" solid concrete blocks supplied for testing compressive strength.

Project: Govt.V&HSS Karakulam - School building.

Amount:1416/-	Invoice No. 4292	Invoice Date: 01.11.2023
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To The Assistant Engineer
Section,
Grama Panchayath.

LSGD
Karakulam

TEST RESULTS

Identification of the block	Size of the block (mms)	Maximum load taken (KN)	Maximum load taken (KN)
4	300 X 200 X 200	392	6.53
5	300 X 200 X 200	348	5.80
6	300 X 200 X 200	380	6.33

Test conducted by:

Signature:

Verified by:

Signature:

COUNTER SIGNED AND ISSUED



Office Seal

Regional Engineer