

K2M Concrete Product India Pvt. Ltd.

Building the Future

COMPANY PROFILE

CONCRETE PRODUCTS



K2M Concrete Product India Pvt. Ltd.

No 1139, Chelliamman Nagar, Kulakarai Street, Ponmar, Chennai - 600127

GSM: +91-7338842285 / 9445542568; Email: k2mindustries@gmail.com

An ISO 9001 – 2015 Certified Company



ABOUT US

K₂M Concrete Product India Pvt Ltd (Previously known as K₂M Industries) manufacturers of Concrete Products located in Chennai.

K₂M Concrete Product India Pvt. Ltd. (K₂M CPIPL) was established in the year 2020 by a team of experienced civil engineers and business professionals with the motto of "Building the Future". K₂M CPIPL is an ISO 9001-2015 (Quality Management System) Certified Company.

Our Core values are **Q**uality, **D**elivery, **P**rice, **R**eliable, and **E**fficiency.

Owing to our proficiency in this domain, we provide our clients with a multifarious range of Concrete Cover Blocks for various applications in the construction & infrastructure industries viz. Slabs, Beams, Columns, Pile, and Raft/Heavy-duty Foundations.

ADDRESS & LOCATION

K₂M Concrete Product India Pvt. Ltd.

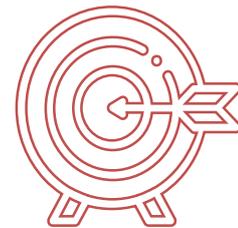
(GST NO: 33AAJJC9102D1ZV)

No 1139, Chelliamman Nagar,

Kulakarai Street, Ponmar, Chennai - 600127

GSM: +91-7338842285 / 9790735265 / 9445542568

Email: k2mconpro@gmail.com | k2mindustries@gmail.com



ISO CERTIFICATE



K2M Concrete Product India Pvt. Ltd.

Building the Future

K2M Industries

PROMOTED TO

K2M Concrete Product India Pvt. Ltd.

Company Details

CIN:	U26999TN2022PTC156835
GST:	33AAJCK9102D1ZV
MSME:	UDYAM-TN-08-0049723
PAN:	AAJCK9102D
TAN:	CHEK21349G
Bank Account No:	K2M Concrete Product India Pvt Ltd. A/c No: 6957742974 IFSC Code: IDIB000T004 Indian Bank East Tambaram Branch, Chennai
Email:	K2mindustries@gmail.com k2mconpro@gmail.com

1139 | Chelliamman Nagar, Kulakarai Street,
Ponmar, Chennai, Tamilnadu, 600127
+91-7338842285 | +91-9445542568



An ISO 9001 – 2015 Certified Company

GST CERTIFICATE



Government of India
Form GST REG-06
[See Rule 10(1)]

Registration Certificate

Registration Number : 33AAJCK9102D1ZV

1.	Legal Name	K2M CONCRETE PRODUCT INDIA PRIVATE LIMITED			
2.	Trade Name, if any	K2M CONCRETE PRODUCT INDIA PRIVATE LIMITED			
3.	Additional trade names, if any	null			
4.	Constitution of Business	Private Limited Company			
5.	Address of Principal Place of Business	NEXT TO MAMBAKKAM, 1139, K2M CONCRETE PRODUCT INDIA PRIVATE LIMITED, CHELLIAMMAN NAGAR KULAKARAI STREET PONMAR, Mambakkam, Chennai, Chengalpattu, Tamil Nadu, 600127			
6.	Date of Liability				
7.	Period of Validity	From	09/12/2022	To	Not Applicable
8.	Type of Registration	Regular			
9.	Particulars of Approving Authority	Validity unknown Digitally signed by T. S. GOUDS AND SERVICES TAX NETWORK 07 Date: 2022.12.09 13:15:19 IST			
Signature					
Name	ARJUNAN ARUNMOZHI				
Designation	Assistant Commissioner				
Jurisdictional Office	SELAIYUR				
9. Date of issue of Certificate	09/12/2022				
Note: The registration certificate is required to be prominently displayed at all places of business in the State.					

This is a system generated digitally signed Registration Certificate issued based on the approval of application granted on 09/12/2022 by the jurisdictional authority.



सत्यमेव जयते

Annexure A

GSTIN 33AAJCK9102D1ZV
Legal Name K2M CONCRETE PRODUCT INDIA PRIVATE LIMITED
Trade Name, if any K2M CONCRETE PRODUCT INDIA PRIVATE LIMITED
Additional trade names, if any null

Details of Additional Places of Business

Total Number of Additional Places of Business in the State 0

MSME CERTIFICATE

 भारत सरकार Government of India सूक्ष्म, लघु एवं मध्यम उद्यम मंत्रालय Ministry of Micro, Small and Medium Enterprises		 सूक्ष्म, लघु एवं मध्यम उद्यम MICRO, SMALL & MEDIUM ENTERPRISES																					
UDYAM REGISTRATION CERTIFICATE																							
UDYAM REGISTRATION NUMBER	UDYAM-TN-08-0049723																						
NAME OF ENTERPRISE	M/S K2M CONCRETE PRODUCT INDIA PRIVATE LIMITED																						
TYPE OF ENTERPRISE *	<table border="1"> <thead> <tr> <th>S.No.</th> <th>Data Year</th> <th>Classification Year</th> <th>Enterprise Type</th> <th>Classification Date</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2020-21</td> <td>2022-23</td> <td>Small</td> <td>26/11/2022</td> </tr> </tbody> </table>	S.No.	Data Year	Classification Year	Enterprise Type	Classification Date	1	2020-21	2022-23	Small	26/11/2022												
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1	2020-21	2022-23	Small	26/11/2022																			
MAJOR ACTIVITY	MANUFACTURING																						
SOCIAL CATEGORY OF ENTREPRENEUR	OBC																						
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Mobile	9445542568	Email:	K2MINDUSTRIES@GMAIL.COM																				
DATE OF INCORPORATION / REGISTRATION OF ENTERPRISE	25/11/2022																						
DATE OF COMMENCEMENT OF PRODUCTION/BUSINESS	22/11/2022																						
NATIONAL INDUSTRY CLASSIFICATION CODE(S)	<table border="1"> <thead> <tr> <th>SNo.</th> <th>NIC 2 Digit</th> <th>NIC 4 Digit</th> <th>NIC 5 Digit</th> <th>Activity</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>23 - Manufacture of other non-metallic mineral products</td> <td>2395 - Manufacture of articles of concrete, cement and plaster</td> <td>23952 - Manufacture of articles articles of concrete, cement or artificial stone (tiles, bricks etc.)</td> <td>Manufacturing</td> </tr> </tbody> </table>			SNo.	NIC 2 Digit	NIC 4 Digit	NIC 5 Digit	Activity	1	23 - Manufacture of other non-metallic mineral products	2395 - Manufacture of articles of concrete, cement and plaster	23952 - Manufacture of articles articles of concrete, cement or artificial stone (tiles, bricks etc.)	Manufacturing										
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DATE OF UDYAM	26/11/2022																						

REGISTRATION

* In case of graduation (upward/reverse) of status of an enterprise, the benefit of the Government Schemes will be availed as per the provisions of Notification No. S.O. 2119(E) dated 26.06.2020 issued by the M/o MSME.

Disclaimer: This is computer generated statement, no signature required. Printed from <https://udyamregistration.gov.in> & Date of printing:-
26/11/2022

For any assistance, you may contact:

1. District Industries Centre: KANCHIPURAM (TAMIL NADU)

2. MSME-DFO: CHENNAI (TAMIL NADU)

Visit : www.msme.gov.in ; www.dcmsme.gov.in ; www.udyamregistration.gov.in



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WHY CONCRETE COVER BLOCKS?

The purpose of concrete cover blocks are

- ❖ To maintain the position of the rebars
- ❖ To maintain cover
- ❖ To maintain spacing between the rebars
- ❖ To protect the reinforcing steel from the adverse effect of environmental conditions
- ❖ To provide thermal insulation
- ❖ To ensure adequate bond area so that stresses from concrete are transferred to reinforcement
- ❖ It delays softening of rebars due to high temperature in case of fire.
- ❖ Having uniform grip, Avoid displacement of rebar while pouring concrete
- ❖ High Compressive Strength
- ❖ Natural bonding with Concrete
- ❖ Cost-Effective
- ❖ Ready to use

RECOMMENDED CONCRETE COVER

Concrete Structure	Recommended Cover* (mm)
Piles	100 mm / 75mm
Bridge/ Culvert Substructures	75 mm
Bridge / Culvert Superstructure	50 mm
Barrier, Beams & Slab	50 mm
Beams	50 mm

* The above are indicative, for information only.

MIX DESIGN OF COVER BLOCKS

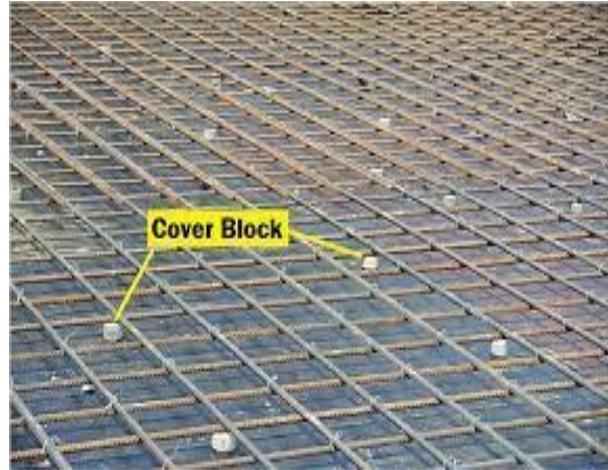
The mix design proportion for M60 is given below

- OPC 53 Grade Cement = 600 kg/m³
- Crush Sand = 800 kg/m³
- Coarse Aggregate (6mm) = 990 kg/m³
- Admixture = 4 Ltr
- Water = 192 Ltr/m³

FAILURES WITHOUT USING CONCRETE COVER BLOCKS?



APPLICATION OF CONCRETE COVER BLOCKS AT SITE



K2M CONCRETE COVER BLOCKS & PERSPECTIVE VIEWS

Cover Block Model No	Concrete Cover Block Description	Usage	Weight (kg)
K ₂ M-01	20 x 25 Regular	Roof/ Slab / Beam / Column	0.080
K ₂ M-02	20 x 25 x 40 x 50 Regular		0.114
K ₂ M-03	20 x 25 x 40 x 50 Rectangular With Hole		0.123
K ₂ M-04	30 x 35 x 40 x 50 Rectangular With Hole		0.156
K ₂ M-05	40 x 45 Rect. With Hole		0.122
K ₂ M-06	25 mm Circular	Pile Foundations	0.111
K ₂ M-07	30 mm Circular		0.146
K ₂ M-08	40 mm Circular		0.367
K ₂ M-09	50 mm Circular		0.497
K ₂ M-10	60 mm Circular		0.823
K ₂ M-11	75 mm Circular		1.152
K ₂ M-12	80 mm Circular		3.164
K ₂ M-13	100 mm Circular		0.440
K ₂ M-14	50 x 60 x 75 Footing Rectangular	Footing / Raft Foundations Heavy Duty Footing	0.562
K ₂ M-15	50 x 60 x 75 Footing (Groove)		0.936
K ₂ M-16	50 x 75 x 100 Footing (Groove)		0.286
K ₂ M-17	50mm Footing (Y-Type)		0.360
K ₂ M-18	75mm Footing (Y-Type)		0.080



K₂M-01: 20 x 25 Regular



K₂M-02 : 20 x 25 x 40 x 50 Regular



K₂M-03: 20 x 25 x 40 x 50 With Hole



K₂M-04: 30 x 35 x 40 x 50 With Hole



K₂M-05: 40 x 45 With Hole



K₂M-06: 25mm Circular



K₂M-07: 30mm Circular



K₂M-08: 40mm Circular



K₂M-09 : 50mm Circular



K₂M-10: 60mm Circular



K₂M-11: 75mm Circular (25mm and 30mm Thickness)



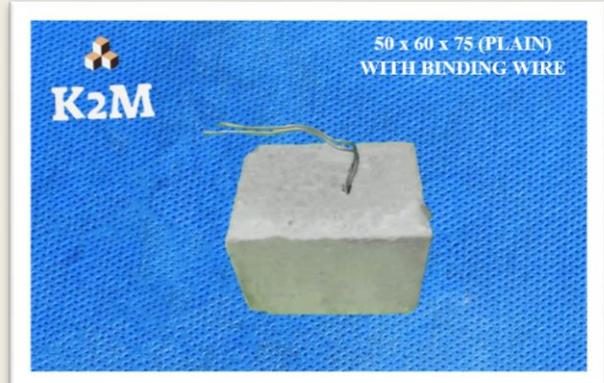
K₂M-12: 100mm Circular



K₂M-13: K₂M -09: 50 x 60 x 75 mm Footing (Plain)



K₂M-14: 50 x 60 x 75 mm Footing (With Binding wire)



K₂M-15: 50 x 60 x 75 mm Footing (Groove)



K₂M-16: 50 x 75 x 100 mm Footing (Groove)



K₂M-17: 50 mm Footing (Y-Type)



K₂M-18: 75 mm Footing (Y-Type)



OUR VALUES

Quality, Delivery, Price, Reliability, and Efficiency

<p>Quality</p>	<p>K₂M CPIPL manufacture as per specifications and beyond client expectations.</p> <p><i>Quality means doing it right when no one is looking - Henry Ford</i></p>	
<p>Delivery</p>	<p>K₂M CPIPL is committed to delivery timely manner as per agreed schedules with the client</p> <p><i>Punctuality is the soul of business.</i></p>	
<p>Price</p>	<p>K₂M CPIPL is committed to supplying competitive prices in the market</p>	
<p>Reliable</p>	<p>K₂M CPIPL always strive to maintain the reliability in the manufacturing process and beyond client expectations</p> <p><i>Reliability is the pre-condition for trust</i></p>	
<p>Efficiency</p>	<p>K₂M CPIPL strives to be efficient in the production process and work towards customer satisfaction to deliver. Our team always looking for innovative methods to achieve efficiency.</p>	
		

K2M CONCRETE PRODUCT INDIA PVT. LTD. – CAPACITY

Plant Area	22,500 Sq. ft
Production Area	4,100 Sq. ft
Storage Area	6,500 Sq. ft
Production Capacity	50,000 per day
Curing Facility	12 Nos submerged Tanks
	20 Nos Water Sprinklers
Storage Capacity	35.0 laks

QUALITY PLAN

Quality Plan (QP) is established to lay down overall quality system implementation procedures required for every manufacturing processing flow to ensure the quality of our concrete blocks

K2M, Quality Plan describes the following in detail

- Quality Policy
- Quality Objectives
- Quality Assurance
- Manufacturing Process
- Quality Control - Inspection & Test Plan



This Project Quality Plan presents the K2M Concrete Product approach and commitment to Quality envisaged in the manufacturing process of concrete blocks. The applied Management System is designed to achieve maximum effectiveness and to fully satisfy standard specifications and our customer's expectations as well.

K2M Concrete Product is committed to Quality Assurance (QA) and Quality Control (QC) since its establishment.

QUALITY POLICY

In a highly competitive market where competence, quality, and cost determine a Company's position, K2M Concrete Product strives at strengthening customer relationships by providing quality-driven manufacturing processes primarily directed toward customer satisfaction.

In order to realize this policy, the Management formulates strategic quality objectives, which are periodically measured, analyzed, and reviewed to ensure their continued suitability to the business needs. Every employee within the organization plays a key role in achieving the set objectives, through innovation and professional conduct.

A Quality Management System, compliant with the ISO 9001:2015 Standard, has been developed to exemplify the management's commitment to the implementation of this policy.

The Management of K2M Concrete Product is fully committed to ensuring this policy is scrupulously and efficiently communicated to all levels of the Organization and permanently applied throughout the entire manufacturing process.

QUALITY OBJECTIVES

- ✓ This Quality Plan has been developed and adopted to demonstrate K2M Concrete Product capability to control manufacturing processes and to satisfy the requirements
- ✓ The Quality Manager shall ensure that this quality plan is understood, implemented, and maintained at all levels in the industry so that the specified and/ or required quality standards are achieved.
- ✓ The Quality Control Plan shall describe actions related to the physical characteristics of the approved materials and processes, which provide means to ensure that the quality requirements are complied with and strictly adhered to.
- ✓ Quality Control shall mean the correct execution of manufacturing process activities which shall be ensured through ITP (Inspection and Tests)

TERMS AND DEFINITIONS

Definitions of terms used in this Quality Plan.

QUALITY CONTROL - Actions taken by an organization to provide control and documentation over what is being manufactured so that the applicable standard of good practice

QUALITY ASSURANCE (QA) - Actions taken by an organization to provide and document assurance that what is being manufactured is in accordance with the standards of good practice for the work.

QUALITY ASSURANCE

Quality Assurance is auditing the implementation of quality control processes to conform that the processes are meeting the quality plan and its requirements.

- a) Frequency audit of the quality control procedures and instructions in accordance with the project Quality Plan and applicable International Standards and Codes of Practice.
- b) The audit of the documented quality control procedures and instructions.
- c) Corrective or preventive action as needed to maintain the project baselines (Scope, Time, Cost, Quality).

QUALITY IN MANUFACTURING PROCESS

Concrete is formed from the following raw materials.

- ✓ Cement
- ✓ Coarse Aggregate
- ✓ Fine Aggregate
- ✓ Admixtures
- ✓ Water

The Specifications contain specific requirements for raw materials to be used in concrete works. Received raw materials stored, and handled to ensure the preservation of their quality and fitness for the manufacturing of concrete works. Raw materials that do not comply with the requirements of the specifications will be rejected. These materials are removed immediately from the factory.

Quality Requirements: Proportioning of raw materials, mixing, compacting, curing, and drying are the important stages of manufacture. Quality parameters like the actual proportion of the individual raw materials, the ratio of coarse aggregates to fine aggregates, water to cement ratio, good finish, accuracy in size and shape, and compression strength after curing are the some of the important parameters that should be checked periodically to ensure good quality of the product.

The process of manufacturing concrete blocks involves the following steps:

- a) Proportioning
- b) Mixing
- c) Compacting
- d) Demoulding
- e) Curing
- f) Drying

a) Proportioning

A concrete mix as per specified grade of concrete (cement: sand/stone dust: aggregate) by volume used for cement concrete with a water to cement ratio as per IS code.

K2M use the size of aggregate as per Clause 5.3.3 of IS 456 - 2000.

"The nominal maximum size of coarse aggregate should be as large as possible within the limits specified but in no case greater than one-fourth of the minimum thickness of the member, provided that the concrete can be placed without difficulty so as to surround all reinforcement thoroughly and fill the comers of the form."

Water used for mixing and curing shall be clean and free from injurious amounts of oils, acids, alkalis, salts, sugar, organic materials, or other substances that may be deleterious to concrete or steel.

b) Mixing

The concrete mix should not be richer than 1:6 by volume of cement to combined aggregates before mixing. The fineness modulus of combined aggregates should be in the range of 3.6 to 4.0.

All the raw materials are placed in a concrete mixer machine and the mixer is rotated for 15 minutes. The prepared mix is discharged from the mixer and consumed in the next 30 minutes.

c) Compacting

A vibrating table is used for compacting the concrete mix in moulds of desired sizes and shapes. These moulds are placed on the wooden platform to maintain the straight edges of concrete blocks and to dry the concrete.

d) Demoulding

After compacting, blocks are demoulded and kept for 24 hours in a shelter away from direct sun and winds.

e) Curing

The blocks thus hardened are cured with water to permit complete moisturization for 28 days. Water in the curing tanks is changed every 3 to 4 days. K₂M Concrete Product has 12 Nos. of submerged curing tanks and 10 Nos. of water sprinklers with a curing capacity of 22 lacs blocks.

K₂M Concrete Product India Private Limited is the only company that has the facility with curing tanks and water sprinklers in Chennai and a few companies in India. This shows the K₂M commitment to Quality.

f) Drying

After curing, the blocks are dried in a natural atmosphere and sent for storage/use.

QUALITY PLAN – INDUSTRY STANDARDS

Quality is the topmost core value of K₂M Concrete Product and an integral part of the manufacturing process of concrete blocks endeavor to excel in quality standards.

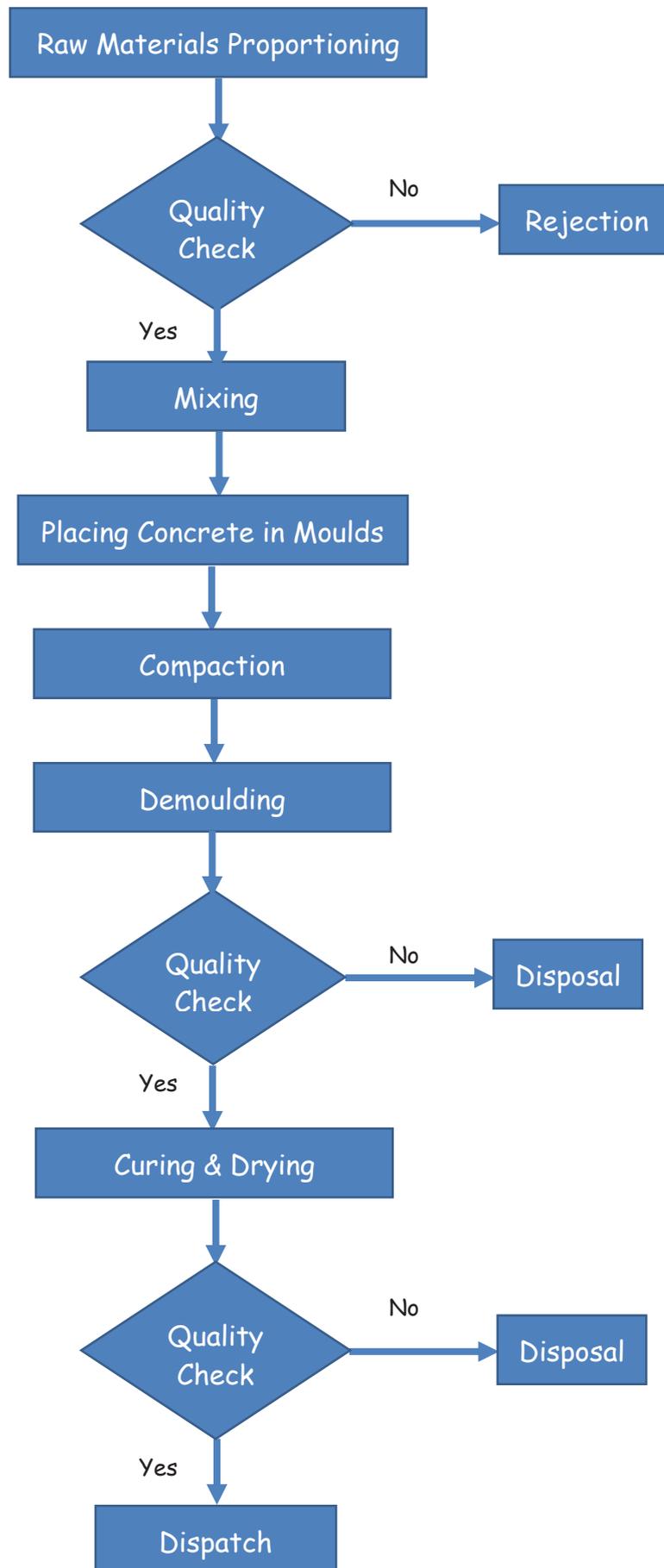
Our Quality Assurance control according to the industry standards (British Standards and Indian Standards) during the various manufacturing stages of concrete blocks.

Concrete Blocks are manufactured according to the following standards:

- BS 7913-1:2001 Spacers and chairs for steel reinforcement and their specification
- BS 8110-1:1997 Structural use of concrete
- IS 456-2000 Plain and Reinforced Concrete - Code of Practice
- IS 516-1959 Methods of Tests for Strength of Concrete

The below flowchart explains the manufacturing process of K₂M concrete blocks.

MANUFACTURING PROCESS OF K2M CONCRETE COVER BLOCKS



QUALITY CONTROL - INSPECTION AND TESTS

Materials/ workmanship shall conform to the standards and codes of practice and be submitted to the Quality control inspection and testing at the required stages (as per ITP) to ensure the quality is maintained within the specified limits.

EQUIPMENT

K2M Concrete Product has the following quality control equipment

- ✓ 20kg weighing scale
- ✓ 100kg weighing scale
- ✓ Steel moulds of 150 x 150 x 150 for concrete testing
- ✓ Steel moulds of 100 x 100 x 100 for concrete testing
- ✓ Volumetric measure

In addition, K2M CPIPL material testing and compressive strength of concrete cubes are outsourced through approved laboratories.

INSPECTION

K2M follows a three-phase inspection in the overall manufacturing process of concrete blocks. The quality personnel takes an active role in the implementation of this Project Quality Plan. The implementation of the three-phase inspection system is briefly discussed below:

Initial Inspection

- ✓ Examination of raw materials to verify conformance and suitability
- ✓ Rejection of Non-conforming raw materials
- ✓ Periodical required tests of raw materials (Cement, Crushed Sand, Aggregate)

Intermediate Inspection

- ✓ Examination of concrete blocks after demoulding of blocks
- ✓ Rejection of non-conforming blocks for disposal

Final Inspection

- ✓ Examination of concrete blocks after curing
- ✓ Conforming materials send for packing & dispatch/storing
- ✓ Rejection of non-conforming blocks for disposal

CONDUCT TESTS

Each manufacturing process has designated points where random inspection of materials/ workmanship is carried out in accordance with the standards, which includes the Inspection and Tests Plan, and Quality Record.

Random inspection by patrolling Quality Control Personnel or third party inspection further ensures compliance with the relevant specifications and Quality Plan

The following quality control measures are taken in the K₂M industry for the quality record, inspection, and test:

- a) Raw Materials Register (Ref Appendix 1)
- b) Production Register (Ref Appendix 2)
- c) Testing of Raw Materials - Cement, Aggregate, Crushed Dust (Ref - Appendix 3)
- d) Testing of Concrete (Ref Appendix 4)
- e) Records of Tests (Ref Appendix 5)
- f) Storage Plan (Ref Appendix 6)
- g) Acceptance Criteria of raw materials (Ref Appendix 4 & 5)
- h) Calibration certificates of weighing scales (Ref Appendix 7)

APPENDIX 3 – TEST RESULTS OF RAW MATERIALS

APPENDIX 3A – TEST RESULTS OF CEMENT

Phone : 044 - 22771185 Mobile : +91 9444626358 E-mail : info@deltalabindia.com	 Delta Lab	 BMQR	 ISO 9001:2015
DELTA INSPECTION AND RESEARCH CENTRE डेल्टा इन्स्पेक्शन एवम् रिसर्च सेंटर			
Plot. No. 108, Shanthi Nagar, Perumbakkam, Chennai - 600100. Website : www.deltalabindia.com प्लॉट नं - 108, शान्ति नगर, पेरुम्बाक्कम, चेन्नई - 600100.			
An ISO/IEC 17025 : 2017 Accredited by AAO-BAR, ISO 9001 : 2015 & ISO 14001 : 2015 Certified, Approved by Govt. of Tamilnadu, Dept. of Industries & Commerce.			
TEST REPORT			
		Report Date : 07 Feb 2022	
Issued to :- M/s. K2M Industries., # 1139, Chelliamman Nagar, Kulakkarai Street, Ponmar, Chennai - 127.		TC No	DIRC /2022/Feb/024563
		Letter Date	29.02.2022
		Nature of Test	Physical tests.
		Test Ref.	IS : 4031, IS : 4032.
		Page	1 of 2
The following sample(s) was/were submitted and identified on behalf of the applicant as :			
SAMPLE DESCRIPTION: CEMENT (BRAND: RAMCO SUPER FAST OPC 53G),			
SAMPLE DRAWN BY CUSTOMER.			
Sample Received Date	:	Oct 11, 2021	
Testing Period	:	Oct 11 to Nov 9, 2021	
Sl. No.	Test Parameters	Observation	Requirements as per IS 269 : 2015
Physical Test			
1	Specific gravity	3.14	Not Specified
2	Normal Consistency	28.6 %	Not Specified
3	Setting Time (minutes)		
3.1	Initial Setting	145	Shall Not be less than 30 Min.
3.2	Final Setting	385	Shall Not be more than 600Min
4	Fineness, m ² /kg.	302	Min. 225 m ² /kg.
5	Compressive Strength (Average of three sample)		
5.1	3 Days Strength	31.63	Minimum 27 MPa
5.2	7 Days Strength	42.52	Minimum 37 Mpa
5.3	28 Days Strength	awaiting	Minimum 53 Mpa
6	Soundness		
6.1	Le Chatelier method (mm)	1.18	Shall not be more than 10mm
6.2	Autoclave (%)	0.06	Shall not be more than 0.8 mm
Note : The above cement complies to IS : 269 for OPC 53 Grade Ordinary Portland Cement with respect to the physical tests concerned.			
End of Page			
			 Tamilcharan Technical Manager Authorized Signatory
<small>Note : Certified that the test enumerated above have been carried out in conformity with standard testing procedures and relevant specifications. The Certificate refers ONLY to the particular sample(s) submitted for Test. The report should not be utilised for any legal purpose and will not be produced in the Court of Law. Sample Description is not verified in all cases and is given as described by Customer. All Complaints about this should be communicated in writing within 15 days from the date of issue of this report. Except by special arrangement, Samples, if drawn, will not be retained by the company for more than 15 days. This test report is not to be reproduced except in full, without written approval of the Laboratory.</small>			

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DELTA INSPECTION AND RESEARCH CENTRE डेल्टा इन्स्पेक्शन एवम् रिसर्च सेंटर			
Plot. No. 108, Shanthi Nagar, Perumbakkam, Chennai - 600100. Website : www.deltalabindia.com प्लॉट नं - 108, शान्ति नगर, पेरुम्बाक्कम, चेन्नई - 600100.			
An ISO/IEC 17025 : 2017 Accredited by AIAC-BAR, ISO 9001 : 2015 & ISO 14001 : 2015 Certified, Approved by Govt. of Tamilnadu, Dept. of Industries & Commerce.			
TEST REPORT			
Issued to :- M/s. K2M Industries., # 1139, Chelliamman Nagar, Kulakkarai Street, Ponmar, Chennai - 127.	Report Date : 07 Feb 2022		
	TC No	DIRC/2022/Feb/024563	
	Letter Date	29.01.2022	
	Nature of Test	Physical tests	
	Test Ref.	IS : 4031, IS : 4032	
Page	2 of 2		
The following sample[s] was/were submitted and identified on behalf of the applicant as :			
SAMPLE DESCRIPTION: CEMENT (BRAND: RAMCO SUPER FAST OPC 53G).			
SOURCE : VALLUR, SAMPLE DRAWN BY CUSTOMER.			
Chemical Composition			
1	Insoluble Residue, % by mass	2.53 %	Not more than 5 %
2	Magnesia (MgO), % by mass	3.22 %	Not more than 6 %
3	Total Loss on Ignition	2.29 %	Not more than 4 %
4	Total Sulphur content calculated as sulphuric anhydride (SO ³), % by mass	2.10 %	Not more than 3.5 %
5	Ratio of % of alumina to that of iron oxide	0.72 %	Not less than 0.66
6	Ratio of % of lime to % of silica, alumina and iron oxide calculated by the formula $\frac{\text{CaO} - 0.7 \text{ SO}_3}{\text{SiO}_2 + 0.7 \text{ SO}_3 + 0.65 \text{ Fe}_2\text{O}_3}$	0.82 %	Not greater than 1.02 % Not less than 0.80 %
7	Chloride	0.02	Max. 0.05 %
8	Alkali content i. Alkalies as Na ₂ O ii. Alkalies as K ₂ O iii. Total alkalies as Na ₂ O equivalent	0.01 <0.01 <0.01	In the case of reactive aggregates, the use of cement with alkali content below 0.6 % expressed as sodium oxide (Na ₂ O) + 0.658 K ₂ O is recommended
Note : The above cement complies to IS : 269 for OPC 53 Grade Ordinary Portland Cement with respect to the chemical composition tests concerned.			
End of Report			
			
		 R. Jambhurusu Technical Manager Authorized Signatory	
Note : Certified that the test enumerated above have been carried out in conformity with standard testing procedures and relevant specifications. The Certificate refers ONLY to the particular sample(s) submitted for Test. The report should not be utilized for any legal purpose and will not be produced in the Court of Law. Sample Description is not verified in all cases and is given as described by Customer. All Complaints about this should be communicated in writing within 15 days from the date of issue of this report. Except by special arrangement, Samples, if drawn, will not be retained by the company for more than 15 days. This test report is not to be reproduced except in full, without written approval of the Laboratory.			

DIRC/QHS.10-01

APPENDIX 3B – TEST RESULTS OF CRUSHED SAND

Phone : 044 - 22771185 Mobile : +91 9444626358 E-mail : info@deltalabindia.com	 Delta Lab	 BMQR ACCREDITED	 ISO 9001 ACCREDITED
DELTA INSPECTION AND RESEARCH CENTRE डेल्टा इन्स्पेक्शन एवम् रिसर्च सेंटर			
Plot. No. 108, Shanthi Nagar, Perumbakkam, Chennai - 600100. Website : www.deltalabindia.com प्लॉट नं. - 108, शान्ति नगर, पेरुम्बाक्कम, चेन्नई - 600100.			
An ISO/IEC 17025 : 2017 Accredited by AIAD-BAR, ISO 9001 : 2015 & ISO 14001 : 2015 Certified, Approved by Govt. of Tamilnadu, Dept. of Industries & Commerce.			
TEST REPORT			
		Report Date : 07 Feb 2022	
Issued to :- M/s. K2M Industries., #1139, Chelliamman Nagar, Kulakkarai Street, Ponmar, Chennai - 127.		TC No	DIRC/2022/Feb/024566
		Letter Date	29.01.2022
		Nature of Test	Chemical / Physical tests.
		Test Reference	IS- 383 : 2016.
		Page	1 of 2
Sample Received Date	: Jan 29, 2022		
Testing Period	: Jan 29 to Feb 07, 2022		
The following sample(s) was/were submitted and identified on behalf of the applicant as :-			
Sample Description : Stone Dust, SAMPLE DRAWN BY CUSTOMER			
1	a) Dry rodded bulk density	1815 kg/ cu.m	
	b) Loose bulk density	1665 kg/ cu.m	
2	Specific Gravity (2.1 to 3.2)	2.76	
3	Water Absorption (5 % Max.)	2.52 %	
4	Soundness		
4.1	Sodium Sulphate (10 % Max.)	1.84 %	
4.2	Magnesium Sulphate (15 % Max.)	4.23 %	
5	Deleterious Materials		
5.1	Material finer than (75 mic Max. 10 % by weight)	8.19 %	
5.2	Clay Lumps (1.00 % Max)	<0.01 %	
6	Total Sulphate Content (0.50 % Max)	<0.01 %	
7	Organic impurities	Nil	
8	Total Alkali Content (0.30 % Max)	0.23 %	
9	Acid Soluble Chloride Content (0.04 % Max).	<0.01 %	
Page 1 of 2			
			
		 R. Manojan Technical Manager Authorised Signatory	
<small>Note: Certified that the test enumerated above have been carried out in conformity with standard testing procedures and relevant specifications. The Certificate refers ONLY to the particular sample(s) submitted for Test. The report should not be utilised for any legal purpose and will not be produced in the Court of Law. Sample Description is not verified in all cases and is given as described by Customer. All Complaints about this should be communicated in writing within 15 days from the date of issue of this report. Except by special arrangement, Samples, if drawn, will not be retained by the company for more than 15 days. This test report is not to be reproduced except in full, without written approval of the Laboratory.</small>			
DIRC/QF/5.10-01			

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Mobile : +91 9444626358
E-mail : info@deltalabindia.com



DELTA INSPECTION AND RESEARCH CENTRE डेल्टा इन्स्पेक्शन एवम् रिसर्च सेंटर

Plot. No. 108, Shanthi Nagar, Perumbakkam, Chennai - 600100. Website : www.deltalabindia.com

प्लॉट नं - 108, शान्ति नगर, पेरुम्बाक्कम, चेन्नई - 600100.

An ISO/IEC 17025 : 2017 Accredited by IAQ-BAR, ISO 9001 : 2015 & ISIRI **TEST REPORT** Approved by Govt. of Tamilnadu, Dept. of Industries & Commerce.

Report Date : 07 Feb 2022

Issued to :- M/s. K2M Industries., #1139, Chelliamman Nagar, Kulakkarai Street, Ponmar, Chennai - 127.	TC No	DIRC/2022/Feb/024566
	Letter Date	29.01.2022
	Nature of Test	Chemical / Physical tests.
	Test References	IS 383 : 2016.
	Page	2 of 2

The following sample(s) was/were submitted and identified on behalf of the applicant as :-

Sample Description : Stone Dust, SAMPLE DRAWN BY CUSTOMER					
Sl.	Tests	Observation			
10	Sieve Analysis :-				
IS Sieve Designation	Cumulative Percentage		Specification as per IS:383 : 2016 (Percentage Passing)		
	Retained	Passing	Zone I	Zone II	Zone III
4.75 mm	0.30	99.70	90-100	90-100	90-100
2.36 mm	4.20	95.80	60-95	75-100	85-100
1.18 mm	27.85	72.15	30-70	55-90	75-100
600 microns	35.65	64.35	15-34	35-59	60-79
300 microns	61.85	38.15	5-20	8-30	12-40
150 microns	90.80	9.20	0-20	0-20	0-20
Remarks : The sample supplied satisfies the requirements of Grading Zone III as per IS 383 : 2016.					

Page 2 of 2

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

Delta Lab



R. Rajamurugan

R. Rajamurugan
Technical Manager

Authorised Signatory

Note : Certified that the test enumerated above have been carried out in conformity with standard testing procedures and relevant specifications. The Certificate refers ONLY to the particular sample(s) submitted for Test. The report should not be utilised for any legal purpose and will not be produced in the Court of Law. Sample Description is not verified in all cases and is given as described by Customer. All Complaints about this should be communicated in writing within 10 days from the date of issue of this report. Except by special arrangement, Samples, if drawn, will not be retained by the company for more than 15 days. This test report is not to be reproduced except in full, without written approval of the Laboratory.

DIRC/QI/S-10-01

APPENDIX 3C – TEST RESULTS OF AGGREGATE 12MM

Phone : 044 - 22771185 Mobile : +91 9444626358 E-mail : info@deltalabindia.com	 Delta Lab	 BMQR ACCREDITED	 ISO 9001:2015 ACCREDITED
DELTA INSPECTION AND RESEARCH CENTRE डेल्टा इन्स्पेक्शन एवम् रिसर्च सेंटर			
Plot. No. 108, Shanthi Nagar, Perumbakkam, Chennai - 600100. Website : www.deltalabindia.com प्लॉट नं - 108, शान्ति नगर, पैरुम्बाक्कम, चेन्नई - 600100.			
An ISO/IEC 17025 : 2017 Accredited by AIAC-BAR, ISO 9001 : 2015 & ISO 14001 : 2015 Certified, Approved by Govt. of Tamilnadu, Dept. of Industries & Commerce.			
TEST REPORT Report Date : 07 Feb 2022			
Issued to : - M/s. K2M Industries., #1139, Chelliamman Nagar, Kulakkarai Street, Ponmar, Chennai - 127.	TC.No	DIRC/2022/Jan/024564	
	Letter Date	29.01.2022	
	Nature of Test	Chemical / Physical tests.	
	Test References	IS:383 : 2016.	
	Page	1 of 2	
The following sample(s) was/were submitted and identified on behalf of the applicant as :			
COARSE AGGREGATE 12.5 mm DOWN SIZE SAMPLE DRAWN BY CUSTOMER			
Sl.	Tests	Observation	
1.	Shape	Angular	
2.	a) Dry rodded bulk density	1595 kg/ cu.m	
	b) Loose bulk density	1445 kg /cu.m	
3.	Crushing value (Shall not exceed 30%)	21.8	
4.	Impact value (Shall not exceed 45 %)	16.5	
5.	10 % Fineness Value (Shall not be less than 10 tonnes)	12.8	
6.	Specific Gravity	2.75	
7.	Abrasion Value (30 % Max.)	18.8	
8.	Soundness		
8.1	Magnesium Sulphate (12 % Max.)	3.2 %	
8.2	Sodium Sulphate (18 % Max.)	1.7 %	
9.	Water Absorption	0.42 %	
10.	Combined Flakiness and Elongation Index (40 % Max.)	20.2 %	
11.	Chloride	< 0.001 %	
12.	Sulphate	< 0.001 %	
Page 1 of 2			
			
		 K. Manikavasu Technical Manager Authorised Signatory	
Note : Certified that the test enumerated above have been carried out in conformity with standard testing procedures and relevant specifications. The Certificate refers ONLY to the particular sample(s) submitted for Test. The report should not be utilized for any legal purposes and will not be produced in the Court of Law. Sample Description is not verified in all cases and is given as described by Customer. All Complaints about this should be communicated in writing within 10 days from the date of issue of this report. Except by special arrangement, Samples, if drawn, will not be retained by the company for more than 15 days. This test report is not to be reproduced except in full, without written approval of the Laboratory.			

DIRC/QF/S.10-01

Phone : 044 - 22771185 Mobile : +91 9444626358 E-mail : info@deltalabindia.com	 Delta Lab	 		
DELTA INSPECTION AND RESEARCH CENTRE डेल्टा इन्स्पेक्शन एवम् रिसर्च सेंटर				
Plot. No. 108, Shanthi Nagar, Perumbakkam, Chennai - 600100. Website : www.deltalabindia.com प्लॉट नं - 108, शान्ति नगर, पेरुम्बाक्कम, चेन्नई - 600100.				
An ISO/IEC 17025 : 2017 Accredited by AIAD-BAR, ISO 9001 : 2015 & ISO 14001 : 2015 Certified, Approved by Govt. of Tamilnadu, Dept. of Industries & Commerce.				
TEST REPORT				
Report Date : 07 Feb 2022				
Issued to :- M/s. K2M Industries., #1139, Chelliamman Nagar, Kulakkarai Street, Ponmar, Chennai - 127.	TC No	DIRC/2022/Jan/024564		
	Letter Date	29.01.2022		
	Nature of Test	Chemical / Physical tests.		
	Test Ref.	IS:383 : 2016.		
	Page	2 of 2		
The following sample(s) was/were submitted and identified on behalf of the applicant as :				
COARSE AGGREGATE 12.5 mm DOWN SIZE SAMPLE DRAWN BY CUSTOMER				
Sl.	Tests		Observation	
13.	Organic impurities		Nil	
14.	Sieve Analysis			
IS Sieve Designation	Cumulative Percentage		12.5mm nominal size aggregate %	
	Retained	Passing	Graded	Single sized
20.00 mm	0	100	100	100
12.50 mm	7.15	92.85	90-100	85 - 100
10.00 mm	27.90	72.10	40-85	0 - 45
04.75 mm	97.70	2.30	0-10	0 -10
Remarks : The sample supplied satisfies the requirements of Graded aggregate as per IS:383: 2016.				
End of Report				
				
				 R.Yamatharasan Technical Manager Authorised Signatory
<small>Note: Certified that the test enumerated above have been carried out in conformity with standard testing procedures and relevant specifications. The Certificate refers ONLY to the particular sample(s) submitted for Test. The report should not be utilized for any legal purpose and will not be produced in the Court of Law. Sample Description is not verified in all cases and is given as described by Customer. All Complaints about this should be communicated in writing within 10 days from the date of issue of this report. Except by special arrangement. Samples, if drawn, will not be retained by the company for more than 15 days. This test report is not to be reproduced except in full, without written approval of the Laboratory.</small>				

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APPENDIX 3D – TEST RESULTS OF AGGREGATE 6MM

Phone : 044 - 22771185 Mobile : +91 9444626358 E-mail : info@deltalabindia.com	 Delta Lab	 
DELTA INSPECTION AND RESEARCH CENTRE डेल्टा इन्स्पेक्शन एवम् रिसर्च सेंटर		
Plot. No. 108, Shanthi Nagar, Perumbakkam, Chennai - 600100. Website : www.deltalabindia.com प्लॉट नं. - 108, शान्ति नगर, पेरुम्बाक्कम, चेन्नई - 600100.		
An ISO/IEC 17025 : 2017 Accredited by AIAO-BAR, ISO 9001 : 2015 & ISO 14001 : 2015 Certified, Approved by Govt. of Tamilnadu, Dept. of Industries & Commerce.		
TEST REPORT		
		Report Date : 07 Feb 2022
Issued to : - M/s. K2M Industries., #1139, Chelliamman Nagar, Kulakkarai Street, Ponmar, Chennai - 127.	TC .No	DIRC/2022/Feb/024565
	Letter Date : 29.01.2022.	
	Nature of Test	Chemical / Physical tests.
	Test References	IS 383 : 2016.
Sample Received Date : Jan 29, 2022	Page	1 of 2
Testing Period : Jan 29 to Feb 07, 2022		
The following sample(s) was/were submitted and identified on behalf of the applicant as :		
COARSE AGGREGATE 6 mm down , SAMPLE DRAWN BY CUSTOMER		
Sl.	Tests	Observation
1.	Shape	Angular
2.	a) Dry rodded bulk density	1698 kg/ cu.m
	b) Loose bulk density	1536 kg /cu.m
3.	Crushing value (Shall not exceed 30%)	24
4.	Impact value (Shall not exceed 45 %)	17.3
5.	10 % Fineness Value (Shall not be less than 10 tonnes)	13.0
6.	Specific Gravity	2.74
7.	Abrasion Value (30 % Max.)	17.2
8.	Soundness	
8.1	Magnesium Sulphate (12 % Max.)	1.67 %
8.2	Sodium Sulphate (18 % Max.)	4.23 %
9.	Water Absorption	0.45 %
10	Combined Flakiness and Elongation Index (40 % Max).	19.5 %
11.	Chloride	< 0.001 %
12.	Sulphate	< 0.001 %
Page 1 of 2		
  		
R. Tamizharasan, Technical Manager Authorised Signatory		
Note : Certified that the test enumerated above have been carried out in conformity with standard testing procedures and relevant specifications. The Certificate refers ONLY to the particular sample(s) submitted for Test. The report should not be utilized for any legal purpose and will not be produced in the Court of Law. Sample Description is not verified in all cases and is given as described by Customer. All Complaints about this should be communicated in writing within 10 days from the date of issue of this report. Except by special arrangement, Samples, if drawn, will not be retained by the company for more than 15 days. This test report is not to be reproduced except in full, without written approval of the Laboratory.		

DIRCQF/IS 10-01

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E-mail : info@deltalabindia.com



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Plot. No. 108, Shanthy Nagar, Perumbakkam, Chennai - 600100. Website : www.deltalabindia.com
प्लॉट नं. - 108, शान्ति नगर, पेरुम्बाक्कम, चेन्नई - 600100.

An ISO/IEC 17025 : 2017 Accredited by AJAO-BAR, ISO 9001 : 2015 & ISO 14001 : 2015 Certified, Approved by Govt. of Tamilnadu, Dept. of Industries & Commerce.

TEST REPORT

Report Date : 07 Feb 2022

Issued to :- M/s. K2M Industries., #1139, Chelliamman Nagar, Kulakkarai Street, Ponmar, Chennai - 127.	TC. No	DIRC/2022/Feb/024565
	Letter Date	29.01.2022
	Nature of Test	Chemical / Physical tests.
	Test Ref.	IS 383 : 2016.
	Page	2 of 2

The following sample(s) was/were submitted and identified on behalf of the applicant as :

COARSE AGGREGATE 6 mm down (Single Size) SAMPLE DRAWN BY CUSTOMER			
Sl.	Tests	Observation	
13.	Organic impurities	Nil	
14.	Sieve Analysis		
IS Sieve Designation	Cumulative Percentage		
	Retained	Passing	
12.5 mm	0	100.0	
10 mm	0	100.0	
4.75 mm	12.65	87.35	
2.36 mm	96.30	3.70	

End of Report




R. Tanizharasan,
Technical Manager
Authorised Signatory

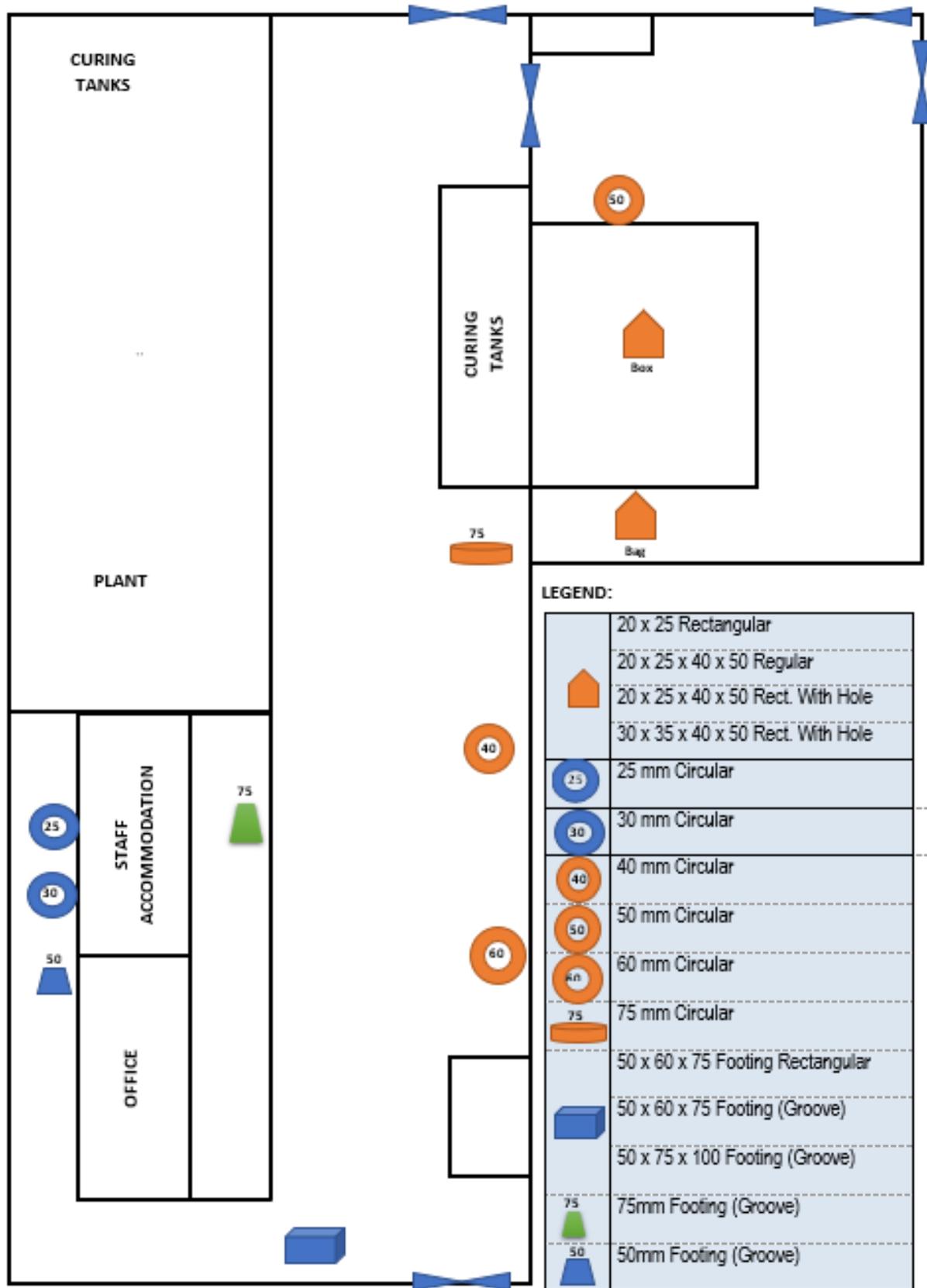
Note: Certified that the test enumerated above have been carried out in conformity with standard testing procedures and relevant specifications. The Certificate refers ONLY to the particular sample(s) submitted for Test. This report should not be utilized for any legal purpose and will not be produced in the Court of Law. Sample Description is not verified in all cases and is given as described by Customer. All Complaints about this should be communicated in writing within 10 days from the date of issue of this report. Except by special arrangement, Samples, if drawn, will not be retained by the company for more than 15 days. This test report is not to be reproduced except in full, without written approval of the Laboratory.

DIRC/QI/S-10-01

APPENDIX 4 – TEST RESULTS OF CONCRETE

Phone : 044 - 22771185 Mobile : +91 9444626358 E-mail : info@deltalabindia.com		 Delta Lab		 				
DELTA INSPECTION AND RESEARCH CENTRE डेल्टा इन्स्पेक्शन एवम् रिसर्च सेंटर								
Plot. No. 108, Shanthi Nagar, Perumbakkam, Chennai - 600100. Website : www.deltalabindia.com प्लॉट नं - 108, शान्ति नगर, पेरुम्बाक्कम, चेन्नई - 600100.								
An ISO/IEC 17025 : 2017 Accredited by AJAO-BAR, ISO 9001 : 2015 & ISO 14001 : 2015 Certified, Approved by Govt. of Tamilnadu, Dept. of Industries & Commerce.								
TEST REPORT ON CONCRETE CUBE (FOR COVER BLOCKS) TC No.: DIRC/2022/024472 Report date : 22 January 2022								
Issued to M/s. K2M Industries., No.1149, Chelliamman Nagar, Kulakkarai Street, Ponmar.								
CONCRETE CUBE (FOR COVER BLOCKS)		1) 20X25 Square Concrete Cover Blocks. 2) 20X25X40X50 Regular Concrete Cover Blocks. 3) 20X25X40X50 with hole Concrete Cover Blocks. 4) 30X35X40X50 Column Concrete Cover Blocks. 5) 50X60X75 plan Footing Concrete Cover Blocks. 6) 50X60X75 Groove Footing Concrete Cover Blocks. 7) 50mm Groove /Phyramid Concrete Cover blocks. 8) 40X45 Y Type Concrete Cover Blocks. 9) 75mm Y Type Footing Cover Blocks. 10) 50X75X100 with Groove Footing Concrete Cover Blocks. 11) 100mm, 75mm, 60mm, 50mm, 40mm, 30mm, 25mm Circular Cover Concrete.						
Client Ref Letter.								
Design Mix Grade M40.								
Number of samples 3								
Dimension of Sample 150mm x 150mm x 150mm								
Cross sectional Area 22500 mm ²								
Standard Ref IS : 516 : 1959 (Reaffirmed 2018)								
Sl. No.	Sample ID	Date of Casting	Date of Testing	Age*	Weight (Kgs)	Failure Comp. Load (kN)	Compressive Strength in N/mm ²	Avg. Comp.Str (N/mm ²)
1	No. 1	31.12.2021	22.01.2022	22	8.340	1016.0	45.16	45.78
2	No. 2				8.300	1044.0	46.40	
3	No. 3				8.380	1030.0	45.78	
Note : 1. The Results relate only to the above sample/s as received. 2. The above samples were received at the age of 22 days and accordingly tested as per the client request and the report relates to the samples tested. 3. Details as furnished by the client. Samples & its condition as supplied by the client.								
End of Report								
						 R. Tamizharsan, Technical Manager Authorised Signatory		
Note: Certified that the test enumerated above have been carried out in conformity with standard testing procedures and relevant specifications. The Certificate refers ONLY to the particular sample(s) submitted for Test. This report should not be utilized for any legal purpose and will not be produced in the Court of Law. Sample Description is not verified in all cases and is given as described by Customer. All Complaints about this should be communicated in writing within 10 days from the date of issue of this report. Except by special arrangement. Samples, if drawn, will not be retained by the company for more than 15 days. This test report is not to be reproduced except in full, without written approval of the Laboratory.								
DIRC/QF/S.10-01								

APPENDIX 6 – STORAGE PLAN



APPENDIX 7 – CALIBRATION CERTIFICATES

APPENDIX 7A – 20KG CALIBRATION CERTIFICATE

PCV
3866788 / 23-06-2021
3867290 / 26-04-2021



Stamping at Office
CV No: KPM/542/002639
Date: 16-05-2022
Trader No:
LABUID/TNLM/107065
Application Number : 113016

**GOVERNMENT OF TAMIL NADU
CERTIFICATE OF VERIFICATION**
Schedule – VIII [See rule 15(3)]
Tamil Nadu Legal Metrology (Enforcement)
Rules, 2011
Legal Metrology Act, 2009
Office of the Inspector of Legal Metrology
Punch No.: TN502 Plier No.: 502

Name of the Legal Metrology Officer: Thiru/Tmt/Selvi. Anandan M,
Stamping Inspector, Kancheepuram.

I hereby certify that I have this day verified and stamped the under mentioned weights, measurers, etc. belonging to M/S K2M INDUSTRIES, Locality 1139, CHELLIAMMAN NA, Kulakkarai Street, Kancheepuram, Kancheepuram taluk, Kancheepuram, Tamil Nadu, 600127

Items	Quantity	Denomination		Weighing Instrument				Measuring Instrument	Verification Fee	Carriage Convey. Adjus. Charges, etc.
		Weights	Measures	Capacity	Class	Manufacturer	Type			
Non-Automatic Weighing Instruments – Electronic Class III and IIII	1	20 kg.	-	-	III	Make: ATMA Max: 20KG Min: 40G e/d: 2G	Model : ATM2 0	Machine No.: 210405	Stamping Fee: 200.00 50% Additional Fee: 0.00 OD: 0.00	-
										Conveyance Fee Rs. :0.00

Total Rs. 600.00. deposited vide Receipt No.LABOUR/2022/128722 dated 12-05-2022.
Used by K2M INDUSTRIES.
Next verification due on 15-05-2023.

Note: In the case of rejected weights, measures, etc, the Legal Metrology Officer shall give separate certificate of rejection mentioning the reasons of rejection against each item.



Stamping Inspector, Kancheepuram.

APPENDIX 7B – 100KG CALIBRATION CERTIFICATES

PCV
3866788 / 23-06-2021
3867290 / 26-04-2021



Stamping at Office
CV No: KPM/542/002638
Date: 16-05-2022
Trader No:
LABUID/TNLM/107065
Application Number : 113016

**GOVERNMENT OF TAMIL NADU
CERTIFICATE OF VERIFICATION**
Schedule – VIII [See rule 15(3)]
Tamil Nadu Legal Metrology (Enforcement)
Rules, 2011
Legal Metrology Act, 2009
Office of the Inspector of Legal Metrology
Punch No.: TN502 Plier No.: 502

Name of the Legal Metrology Officer: Thiru/Tmt/Selvi. Anandan M,
Stamping Inspector, Kancheepuram.

I hereby certify that I have this day verified and **stamped** the under mentioned weights, measurers, etc. belonging to M/S K2M INDUSTRIES, Locality 1139, CHELLIAMMAN NA, Kulakkarai Street, Kancheepuram, Kancheepuram taluk, Kancheepuram, Tamil Nadu, 600127

Items	Quantity	Denomination		Weighing Instrument				Measuring Instrument	Verification Fee	Carriage Convey. Adjus. Charges, etc.
		Weights	Measures	Capacity	Class	Manufacturer	Type			
Non-Automatic Weighing Instruments – Electronic Class III and IIII	1	100 kg.	-	-	III	Make: EXTEC Max: 100KG Min: 200G e/d: 10G	Model : ETP	Machine No.: 200081	Stamping Fee: 400.00 50% Additional Fee: 0.00 OD: 0.00	-
										Conveyance Fee Rs. -0.00

Total Rs. 600.00. deposited vide Receipt No.LABOUR/2022/128722 dated 12-05-2022.
Used by K2M INDUSTRIES.
Next verification due on 15-05-2023.

Note: In the case of rejected weights, measures, etc. the Legal Metrology Officer shall give separate certificate of rejection mentioning the reasons of rejection against each item.



Stamping Inspector, Kancheepuram.

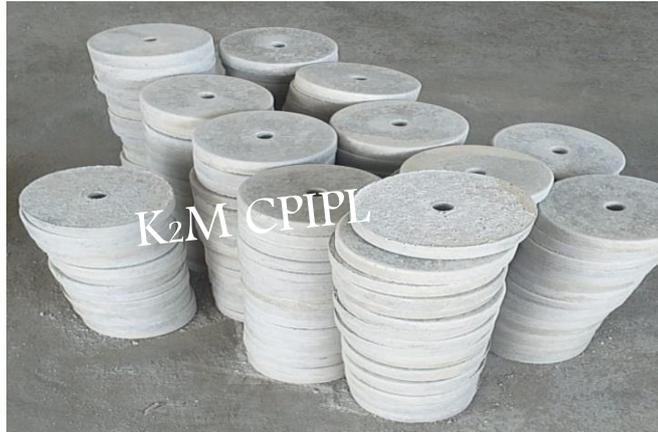
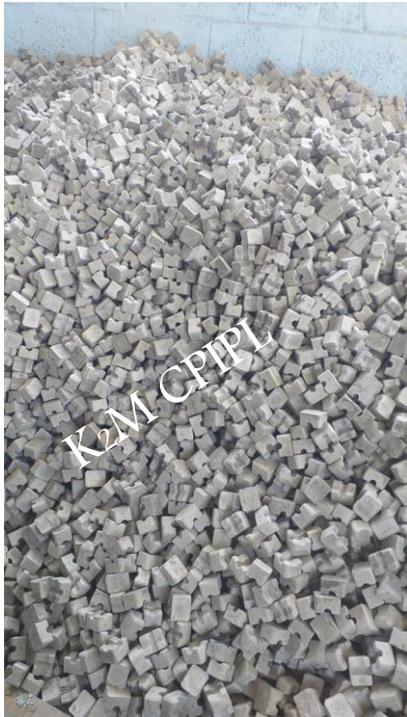
OUR PRESTIGIOUS CLIENTS

	 <p>LARSEN & TOUBRO</p>
	 <p>KAMBAR TECHNOLOGIES (Exported to Maldives)</p>
	
<p>BSCPL INFRASTRUCTURE LTD</p> 	 <p>P.MANICKAM & CO Engineers & Contractors SPECIALIST IN ALL TYPES OF PILE FOUNDATIONS AND LOAD TEST WORKS</p>
	 <p>TEEMAGE BUILDERS PVT LTD</p>
	 <p>HARIHARAN FOUNDATIONS (P) LIMITED</p>
<p>K&K CONTECH ENGINEERING PVT LTD</p> 	<p>ASIA (CHENNAI) ENGINEERING CO PVT LTD</p> 
 <p>UDAYAM PILE FOUNDATION</p>	 <p>REGAL ENGINEERS & CONTRACTORS PVT LTD</p>
 <p>ADROIT URBAN DEVELOPERS</p>	 <p>RESURGENCE BUILD CORP INTL PVT LTD</p>

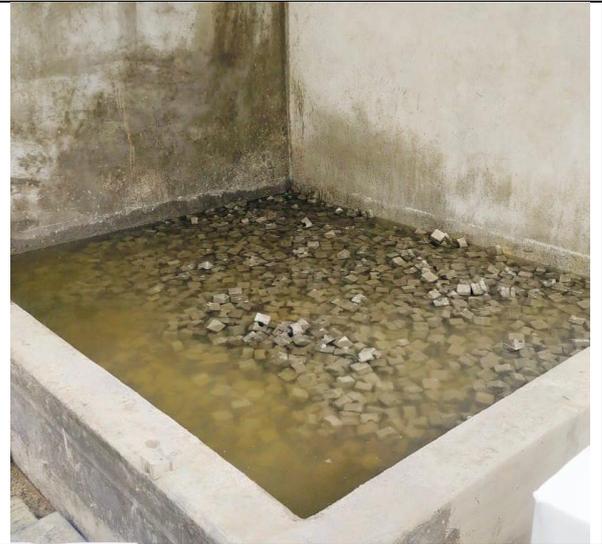
 Pile Foundation Contractors & Engineers MASS PILE FOUNDATION	 BCIL ZED RIA PROPERTIES LIMITED
 SRI MURUGAN CONSTRUCTION	 ARIMA BUILDERS <i>You dream it, we build it.</i>
 <i>Creating Luxury homes</i>	 R.S. PABBLA CONSTRUCTIONS LTD.
 VOORA SHREERAM CONSTRUCTIONS(P)LTD.	 REALTECH FOUNDATION & CONSTRUCTION <small>Construction & Projects</small>
 ARBORETUM FOUNDATIONS PVT LTD.	 DHINA PILE FOUNDATION & Co.
 ARANGCONS	 ROYAL SHELTER
 ANDAVAR PILE FOUNDATION	 BASE TO ROOF CORPORATION
 PRABHAKAR Foundation	 UNIC ASSOCIATES <small>Engineers & Contractors</small>
 <small>Foundations & Structures Pvt Ltd</small>	OCEAN IMPEX CONSTRUCTION INDIA PVT LTD.
 GOWRI <small>Where Dreams Live</small>	 ECONOMIC CONSTRUCTIONS

J. MATADEE FREE TRADE ZONE PRIVATE LIMITED	 MARS CONSTRUCTIONS
	EAST AND SOUTH TRADING PVT LTD.
SHRI VISHWA CONSTRUCTIONS	
	SRI MAHALAKSHMI PILE FOUNDATION
EXOTIQUE BUILDCONS	
	JAINALAYA DEVELOPERS
ASWIN BUILDING CONTRACTORS	
	BLESSIE CONSTRUCTION
KRISHANIAH PROJECTS PVT. LTD.	
	R.V. FOUNDATIONS
SRI NARAYANA CONSTRUCTIONS	
	KASILINGAM FOUNDATIONS
KARTHICK DESIGN	
	 SIVARAM BUILDERS
 VR BUILDERS	
	Kumar Builders

K2M INDUSTRY – SITE PHOTOS







K₂M CIPL – PURCHASE ORDER

 Dalmia Cement (Bharat)Ltd		COCHIN OFFICE DALMIA CEMENT (BHARAT) LIMITED No 39 / 4808 F, 4A, OXFORD BUSINESS CENTRE SREEKANDATH ROAD KOCHI, KERALA-682018 www.dalmiacement.com					
PURCHASE ORDER							
To, K2M INDUSTRIES NO 1139 ,CHELLIAMMAN NAGAR ,KULAKAR AJ ST PONMAR KANCHIPURAM Tamil Nadu 600127 INDIA Phone : 9962322526 Email : k2mindustries@gmail.com GST No : 33ARHPK2912R1Z PAN No : MSME No : Kind Attn: Ms B Karpagam		PO Number : 4387001788 / P08 PO Date : Amendment No : Amendment Date : Offer Ref : / Contact Person : P.GROUP SALES SOUT Telephone : Fax Number : Vendor Code : 1240118265 Currency : INR Email :					
Dear Madam/Sir , Please arrange to supply the materials listed below as per terms & conditions enumerated below / listed in the annexure enclosed.							
Item	Material Code/Specification	Qty	Unit	Price	Discount	Net Price	Net Amt
10	6160868-GIFT, FOR OHM, GROUP Delivery Date: 31.03.2022 Gross Price: Net Price IN: Integrated GST 18.00% Taxes on the PO: Item Total Value		NO				
PO Basis Value							
Total PO Value							
Total Value In words				: RUPEES TWO LAKH FIFTY NINE THOUSAND SIX HUNDRED			
Price Basis/INCOTERM Freight Transit Insurance : Not Applicable Dispatch Mode : To Be Delivered At : COCHIN OFFICE Authorized Transporter :							
Payment Terms: WITHIN 30 DAYS AFTER RECEIPT							
Other Terms And Conditions: Header text							
Our GST REG No: 32AADCA84140128 CST No: Our TIN No: CENTRAL EXCISE REGN No: EOC.No: PAN No: RANGE & COMMISSIONARATE: & , DIVISION: CORPORATE IDENTITY NUMBER: U65191TN1996PLC035963							

PO#40129580272

PARTY / OFFICE / ACKNOWLEDGEMENT / ACCOUNTS

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PURCHASE ORDER					
		KASTHURI INFRA PROJECTS PVT LTD 1 FLOOR, DOOR NO.45,47,MAHATMA GANDHI ROAD,Pondicherry- 605001		GST: 34AAICK2474P1Z0 PAN: AAICK2474P	
Supplier address		PO #	Date	Contact name: Sneha R	
K2M INDUSTRIES 1139,K2M INDUSTRIES,CHELLAMMAN NAGAR KULAKARAI, ST.PONMAR, CHENNAI,K ANCHIPURAM,TAMILNADU,600127		KGPOEST-392	30-12-2021	Contact number:	
Delivery address		Approval reference	Dept.	Email: purchase1@kasthurigroup.in	
1,anbu nager, Raiyanpalayam (kk Road) , varichikudy south Street-609609.			Civil	Purpose: Cover Blocks for Reinforcement work in NH45 A	
Supplier reference		Supplier contact details			
Quotation Dated: 30-12-2021		KARPAGAM Contact No: 7338842285		PAN:ARHPK2912R	
		GST:33ARHPK2912R1Z			
#	Details of items	Description	Qty	Rate(excl. tax) (Rs)	Total(Rs)
1	Concrete cover block with groove SGST%: 9 & CGST%: 9	Size:45mm Y -Type			
2	Concrete cover block with groove SGST%: 9 & CGST%: 9	Size:75mm Rectangular			
Amount (In Words):			Total (Excl Tax)		
Eighty nine thousand seven hundred thirty nine			Tax Total		
			Other Taxes (%)		
			Transport (Excl Tax)		
			Grand Total (Incl Tax)		

TEEMAGE		Teemage Builders (P) Ltd							
PURCHASE ORDER									
Teemage Builders (P) Ltd 249,MARAIMALAIADIGAL SALAI, NELLITHOPE,PUDUPALAYAM, PONDICHERRY -605005-Mail ID : projects@teemageprecast.in GST No. : 34AADCT8964E1Z8		1398 - K2M INDUSTRIES 1139,K2M INDUSTRIES,CHELLIAMMAN NAGAR KULAKARAI ST,PONMAR Kanchipuram Mail ID : k2mindustries@gmail.com GST No. : 33ARHPK2912R1Z1							
A/c Year :	2022 - 2023	Project Name	Contact Name						
Order No :	May-2022/SITE/830	NIT KARAİKAL	RAMANUJAM R						
Date :	02/05/2022		Contact No. 8096800237						
Primary Head	MATERIAL & RENTAL	Secondary Head :	Mode of Pay RTGS						
Despatch To :	NIT KARAİKAL - NATIONAL INSTITUTE OF TECHNOLOGY- PUDUCHERRY, - THIRUVETTAKUDY, - KARAİKAL	Due Date	CONSUMABLE GOODS						
			07/05/2022						
Sir, You are hereby advised to supply the following materials as per our exact specifications, subject to the terms and conditions mentioned below. Please read the terms and condition carefully, understand and sign on the bottom portion of this P.O for having accepted the same.									
S.NO	HSN/SAC	DESCRIPTION	BRAND	QNTY	UNIT	RATE	DIS %	GST%	AMOUNT
1	3925	CIRCULAR COVER BLOCK 150MM (150MM DIA,25MM THICKNESS,HOLE DIA 18MM)	-	10000.000	NOS		0.00	18.00	
Total Discount Amount									0.00
CGST Amount									
SGST Amount									
IGST Amount									
FREIGHT CHARGES EXTRA									
Grand Total									
Amount in Words : Eighty Seven Thousand Three Hundred Twenty Rupees Only									
Remarks : FOR PILE WORK									
1. Terms of Payment :		20 DAYS AFTER DELIVERY							
2. Declaration :		If exceeding the due date, penalty clause will be applicable							
3. Terms of Delivery :		5 DAYS (07/05/2022)							
4. Retention :		NO WITHHOLD							
 02-05-2022 Prepared By				For Teemage Builders Pvt LTD,  Authorised Signatory					
		Head of Dept							



K2M Concrete Product India Pvt. Ltd.

(GST NO: 33AAJC9102D1ZV)

No 1139, Chelliamman Nagar,

Kulakarai Street, Ponmar, Chennai - 600127

GSM: +91-7338842285 / 9790735265 / 9445542568

Email: k2mconpro@gmail.com | k2mindustries@gmail.com



An ISO 9001 – 2015 Certified Company

CONCRETE COVER BLOCKS/ SPACERS

- ✓ Roof Cover Blocks
- ✓ Slab Cover Blocks
- ✓ Beam Cover Blocks
- ✓ Column Cover Blocks
- ✓ Pile Cover Blocks
- ✓ Footing Cover Blocks
- ✓ Raft Cover Blocks
- ✓ Heavy Duty Foundation Cover Blocks
- ✓ Regular Cover Blocks
- ✓ Multi-dimensional Cover Blocks
- ✓ Rectangular Cover Blocks
- ✓ Rectangular Cover Blocks - With Hole
- ✓ Circular Cover Blocks
- ✓ Cover Blocks with Binding wire
- ✓ Cover Blocks with Groove
- ✓ Pyramid Shape Cover Blocks

We can manufacture for any Size, Volume & Grade