

COMPANY PROFILE

2021



مصنع المعجل لمنتجات الأسمنت
ALMOAJIL CEMENT PRODUCTS PLANT



TABLE OF CONTENTS

SECTION 1	Introduction
SECTION 2	Our Mission & Values
SECTION 3	Our People
SECTION 4	Our Production Gallery
SECTION 5	Our Plant & Process
SECTION 6	List of Equipment
SECTION 7	List of Technical Staff
SECTION 8	Our Contacts & Products Supply Companies
SECTION 9	Registration & Approval
SECTION 10	Calibration of Plant
SECTION 11	Quality Test
SECTION 12	Quality Control Manual

INTRODUCTION

**Almoajil Cement Products Plant – (For all types of Masonry units)
Has been manufacturing concrete blocks & others since 1978.
Since that time our plant has undergone a continuous process of
modernization to embrace the very latest technology the industry
has to offer.**

**Fully computerized machinery has allowed us to dramatically
increase our capacity and to produce innovative new products
such as insulated blocks, lightweight blocks and interlocking
paving tiles.**

**We are fully ISO certified in both quality management and
environmental management system.**

**All our incoming raw materials are strenuously tested to the
highest international standards ASTM, BS, and SASO**

**Our finished products are tested rigorously before they
delivered.**

We invite you to explore our capabilities further

Sincerely Yours,

PRESEDENT (MCP)

Almoajil Cement Product Plant.



GENERAL INFORMATION

Name of Company	:	M/s. Almoajil Cement Products Plant
Postal Address	:	P. O. Box 1758 Dammam 31441 K. S. A.
Factory Location	:	First Industrial City Dammam Saudi Arabia
Year Started operation	:	1978
Name of Owners	:	Abdul Aziz & Sa'ad A. Almoajil
Key Officer	:	Naser Al Gahtani – Chief Executive Officer
Banker	:	Saudi British Bank
Auditor	:	Dr. Mohamed Al-Amri & Co.
Products Manufacturing	:	CONCRETE PRODUCTS Curbstones Paving Slabs, Cable Tiles, Cable Markers, Parking Bumpers, Inter locking Pavers and Paving tiles Other Concrete Products.

ABOUT US :

ALMOAJIL CEMENT PRODUCTS PLANT (MCPP) is a fully Saudi Owned manufacturing plant, which was established in the year 1978 as a Branch of **ABDUL AZIZ & SAAD ALMOAJIL COMPANY**, Situated in the 1st Industrial City of Dammam and postal address P. O. Box 1758, Dammam 31441. We are the leading Concrete Products manufacturing plant in the Eastern Province of Saudi Arabia. Over the 32 years of its operation, we have developed a long list of customers, which includes Saudi Aramco, Royal Commission, Scecو and major construction companies in the Construction Industry.

Our concrete products are manufactured on fully automatic German and American machinery and passes through our stringent quality control programs so that our products meet various international standards and specifications. The raw materials used in the production process conform to ARAMCO and various ASTM standards. The concrete blocks produced are put in curing chambers for 48 hours and are treated with heat and moisture to attain the highest strength. They are then cubed and palletized for delivery and as such, they reach the job site in good condition.

The production department is lead by a Production Manager who has at his disposal various quality control Engineers and technicians who maintain a strict watch on all stages of the production process to ensure that the production is as per our established quality control procedures.

Our sales department is lead by a Qualified Sales Manager and other sales staff who, together, ensure that the products reach the customers site on the specified time. We also take up special job orders for products, which are not in our regular line of production.

We are looking forward to a mutual and rewarding business relationship with you so that eventually we could proudly add your name also to our ever-growing list of customers.

COMPANY PROFILE

MCPP is a leading company with one of the latest plant in Dammam, Saudi Arabia for making pavers, tiles, parking bumpers and curbstones.

We are engaged in this business since 1978 and are proud suppliers of construction material to Saudi Aramco, SCECO, Royal Commission, major construction companies and municipalities in the Eastern Province.

MCPP produces one of the best quality concrete cement products in the Gulf Area utilizing the latest technology on German and American Machinery. We have obtained ISO 9001-2000 Certification from I.Q. Net of Germany and therefore quality control is strictly maintained to ensure best quality products as per ASTM and S.A.S.O. Standards.

MCPP is the first plant using purified water to make best quality products.

MCPP reaffirms its commitment to excellence and total customer satisfaction as guiding principle in dealing with all our clients all over the Middle East.

Our Al-Moajil Cement Products Plant is ISO certified as well as our quality is also approved & certified for regular supplied to Dammam Municipal Corporation.

PRODUCTION PROCEDURE.

The procedure for manufacturing interlock bricks and other cement products starts with the preparation of the Gravel in the mixture machine, adding different pigments (colour powder) as per the customers' orders.

This mixed gravel is sent to the Automatic Pressing Plant in a traveling bucket on steel rails. The bucket pours this gravel in the appropriate mould fixed on the Pressing Plant. The Press leaves the moulded shapes on steel pallets.

The finger car carries these pallets and stacks them in storage towers where the bricks keep drying for the next 24 hours.

Next day the cubing machine assembles these bricks in cubes(bundles). The bundles are tied with special plastic straps and lastly wrapped with printed shrink sheets.

Finally the wrapped bundles are loaded on trailers and dispatched to different destinations as per different orders from different customers.

STOCKYARD .

Our factory occupies an area of 28,700 sq. metres under a recent renewal of old 1978 Industrial License. This area is sufficient for a huge MASA Automatic Plant, with 4 other curbstones making machines, a motor workshop, an employees dining hall and a vast area for keeping stocks of Thousands of Sq. Metres of Interlock Bricks and 100's of Thousands of Curbstones & Electric Cable Tiles.

TRANSPORTATION : Our company has 12 Trailers for delivering our products to all the customers through out the Eastern Province and also in the various parts of the Kingdom.

PACKING : Our Pallets are packed with Printed Plastic Roll and strapped by Green Polyester.

ABOUT OURSELVES.

Welcome to all our visitors with due respect and appreciation.

Al-Moajil Cement Products Plant situated in 1st Industrial city on Dammam-Khobar Highway. We are the leaders of all plants manufacturing the latest designs of Interlock Bricks, walkway, curbstones and Electrical Cable Tiles produced on huge MASA-9001 Automatic Plant. We have a wide market in Eastern & Central provinces and gradually occupying the remaining areas. Our products are well known throughout the kingdom of Saudi Arabia. We are also ISO Certified since 2007 and our endeavor is always to maintain our good quality standard permanently for ever.

PROJECTS :

Almoajil Cement Products Plant (MCP) are the major suppliers of Cement Products to

1. Aramco Saudi Arabia.
2. Jubail Royal Commission.
3. Scco
4. Dammam Municipality
5. Al-Khobar Municipality
6. Al-Hassa Municipality
7. Al-Khafji Municipality
8. Tabarjal Municipality
9. Sakaka Municipality
10. Saudi Royal Navy
11. All Major Contractors of Saudi Arabia.

***SOME OF THE MORE PROMINENT CLIENTS WE HAVE BEEN
DEALING WITH ARE AS FOLLOWS***

S.NO.		Name of Company	Address		Cont. Person	Telephone No.
			P.O.Box	Area/Code		
01	M/s.	SCECO	5190	D-31422	JAMAL KISTHA	858 5432
02	M/s.	A. A. TURKI CORPORATION	718	D-31421	IBRAHIM	833 2339
03	M/s.	A. G. A. P. ARABIA LIMITED	3783	K-31952	FRANCIS	893 9610
04	M/s.	ABDULLA AL SHUWAYER	5116	D-31422	MAHDI A.C.	842 9533
05	M/s.	ABDULLA H. AL MUTAWA & SONS CO.	9278	31413	RAMISH	856 1169
06	M/s.	ABDUSSALAM AL HUSSENI GEN. CONT.CO.	2117	K-31952	LITO	882 2938
07	M/s.	A. HAMAD AL MUHANNA CO.	1845	DAMMAM	MANI	842 2969
08	M/s.	AHMED AL BINALI	2	D-31411	BOUTROS	826 5245
09	M/s.	AL AKHADAR TRADING & CONT. CO.	151	K-31911	Eng. BADAWI	855 4549
10	M/s.	AL AQEEL CONTRACTING CO.	35085	D-31488	Eng. MOHD.	833 8853
11	M/s.	AL GHURERY CO.	31938	K-31952	BAKSH	864 0227
12	M/s.	AL HOWAIL CO.	7850	D-31472	Eng. MOHD.	842 4446
13	M/s.	AL JAFAR TRADING & CONTRACTING CO.	1216	K-31952	ABDUL WAHEED	894 7052
14	M/s.	AL LATIFIA TRADING & CONT.CO.	57588	R-11684	Eng. SHARIK	898 7512
15	M/s.	AL MABANI GEN.CONTRACTORS	38992	DHAHRAN	HILAL	891 7793
16	M/s.	AL MANSOURYAH CONTRACTING CO.	14186	D-31424	ABD.AL WAILEY	846 2277
17	M/s.	AL MASHRIQ CO.	235	Ra-31941	MOHD. HASSAN	678 8193

C.R. 2050013464

٢٠٥٠٠١٣٤٦٤

18	M/s.	AL MUHAIDIB TRAD. & CONT. CO.	1023	D-31431	UNNI	826 0345
19	M/s.	AL NASSAR TRADING & CONT.CO.	1802	D-31952	JOHN/NICK	895 3062
20	M/s.	AL OSAIS CONTRACTING CO.	1083	D-31431	KHALEEQUE	826 2861
21	M/s.	AL RAWWAF TRADING	611	K-31952	JOHN	864 3881
22	M/s.	AL SWAYEH CO.	2003	R-11451	MUSA M.DARABI	405 2111
23	M/s.	AL YAMAMA CO.	22110	D-31051	Eng. SYED	826 6444
24	M/s.	ARABIAN DEV. TRAD.& CONT. CO.	3481	K-31952	AZIZ	864 1484
25	M/s.	ARABIAN GULF CONSTRUCTION CO.	1633	D-31441	SAMI	847 1383
26	M/s.	ARCON	3001	K-31952	Eng. OSAMA	894 0336
27	M/s.	BADER AL HUSSEINI TRAD.& CONT.CO.	481	K-31952	CHOWDARY	895 0776
28	M/s.	BADUGAISH CONTRACTING CO.	868	K-31952	ABDULLAH	864 3868
29	M/s.	BALLAST NEDAM GROUP	185	D-31932	ARNEY	891 9740
30	M/s.	CARLTON AL MOAIBED HOTEL	1235	K-31952	GEORGE K.	857 5455
31	M/s.	DIRA COMMERCIAL EST.	3633	K-31952	SALIM SAKARIA	894 7161
32	M/s.	EASTERN TRADING	204	KHOBAR	ABRAR	857 2345
33	M/s.	G. E. S. S. CO.	3780	K-31952	RONY	894 6426
34	M/s.	GEERCO TRADING & CONT. CO.	1723	K-31952	JAMAL KATHEEP	864 3585
35	M/s.	GREEN TOP POWER PROJECT	1980	K-31952	ANER	899 9777
36	M/s.	GULF CONSTRUCTIONS	34814	D-31478	Eng. MOHD.	828 0022
37	M/s.	HODAITHY INTERNATIONAL GROUP	3731	K-31952	AYMAN A. E.	899 8383
38	M/s.	HUSSAIN AL MOOSA	9323	D-31413	RAFEEL	834 6126
39	M/s.	HUSSEINI GENERAL CONTRACTORS	2117	K-31952	BERNALD	882 1055
40	M/s.	HAITHAM ENTERPRISES	1115	K-31952	AZHAR A.QADRI	864 7838
41	M/s.	IBRAHIM A. ASSMAIL TRAD& CONT. CO.	1437	K-31952	WILLIAM	895 1571
42	M/s.	INTERNATIONAL CENTER	3381	K-31952	FADY F. K.	897 0174
43	M/s.	JOUND CONSTRUCTIONS	4198	D-31952	ASSIA	864 5744
44	M/s.	KHALID A. AL MULHEM &BROS.CO. (KAMCO)	1275	D-31431	ABDULLA	834 9290
45	M/s.	KETTANEH	383	K-31952	ALFRED RIZK	894 0191
46	M/s.	M. A. AL AZZAZ TRAD. & CONT. CO.	30644	K-31952	GOPINATH	864 2095
47	M/s.	MASKABA CONTRACTING CO.	37	D-31441	SAADIQ	834 8880
48	M/s.	MODERN ARAN CONSTRUCTIONS	855	KHOBAR	RAFIQ	857 2233
49	M/s.	MOHAMED AL MOJIL GROUP	4458	D-31491	NORIO	842 5247
50	M/s.	NABIL CONTRACTING CO.	3676	K-31952	ASHRAF	864 1206
51	M/s.	NASSIR HAZZA & BROS. CO.	12	K-31952	BAQRUDEEN	857 5588

C.R. 2050013464

52	M/s.	NATIONAL ENG. & MAR. CO. (NESMA)	1498	K-31952	Eng. AZHAR	897 1050
53	M/s.	NESMA & AL FADL CONT. CO.	1498	K-31952	Eng. AZHAR	897 1050
54	M/s.	REZAYAT	90	K-31952	GOHARY	882 5700
55	M/s.	S. T. GROUP	9182	D-31413	IBRAHIM	834 6768
56	M/s.	SAAD TRADING & CONTRACTING	3250	K-31952	SHAFRUDDIN	882 2220
57	M/s.	SAHARA BUILDING CONST.	2710	K-31952	JOHN	894 3872
58	M/s.	SALEH AL DAKHEEL TRAD & CONT. CO.	4288	DAMMAM	DAKHEEL	857 8019
59	M/s.	SAUDI AL TWAJRI	1781	KHOBAR	SRINATH	864 4483
60	M/s.	SAUDI ELEC.SUPPLY CO.	3298	K-31952	AZAR	882 5669
61	M/s.	SAUDI BINLADIN GROUP	2944	K-31952	UMAR	857 8736
62	M/s.	SAUDI CYPRIAN CONSTRUCTION CO.	4279	D-31491	OMAR	857 3532
63	M/s.	SAUDI SERVICES & OPER.CO.LTD.	753	DA-31932	AHMED A.FADLE	330 3864
64	M/s.	SAUDI WEIMER	8167	D-31482	ABDULLAH	834 1367
65	M/s.	SEGIA TRADING & CONT. CO.	35107	D-31488	ABDULLAH	842 8566
66	M/s.	SHADE CORPORATION CO.	7027	D-31462	AYOUB ALI A.	833 3804
67	M/s.	TAMIMI REAL ESTATE	172	D-31411	M.ELROWEINI	847 4050
68	M/s.	TAMIMI GLOBAL	172	D-31411	M.ELROWEINI	847 4050
69	M/s.	TAMIMI TAFGA DIVISION	172	D-31411	M.ELROWEINI	847 4050
70	M/s.	UNIVERSAL TECHNICAL CO.	9513	D-31423	RASHED KHAN	831 0333

OUR MISSION AND VALUES

OUR MISSION

“Dedicated to providing quality products as per there requirements and satisfactory services on time to our customers by maintaining a high level safety integrity and innovation.”

President and CEO

OUR SAFETY

Safety is a normal way of life at MCPP !

Each season's goal is to have ZERO accidents. The safety of our Employees and the Motoring Public is our top priority.

MCCP's Safety Program is driven from the top to down. Weekly safety meeting attend by our Company President and superintendents reinforce the need to work safely.

Annual Safety Training is conducted on a variety of industry topics which are reinforced through weekly Tool Box Talks.

All management personnel are OSHA 10-hour certified.

MCPP VALUE

Trust

Integrity

Accountability

Quality Workmanship

Customer Satisfaction

Safe Working Environment

Team Membership Growth & Development



OUR PEOPLE

Our people are our greatest asset! Our support personnel are among the most qualified and experienced professionals in the industry today. With experienced Plant supervisors, crews and senior staff. MCPPE provides cost effective and practical production solutions. We provide our customers with quality support from our trained and certified technicians. Our graduate engineers and estimators work with the latest estimating technologies available to ensure an accurate cost estimate. In addition to our staff, we have an experienced team of mechanics to maintain our heavy equipment. They are often dispatched to provide on-maintenance to the equipment used in Plant as well as on site for rigid equipment maintenance schedules during the Plant operation.

Our office staff has access to the most recent software systems, which help in processing information to the production timely and efficient manner. Our plant crews and dispatchers work together to keep material moving from the yards to our customers and to our field crews.

We provide our staff with extensive continuous education and training, keeping them updated on paving industry issues, safety training and software training, allowing us to provide the maximum support to the Plant senior staff and our customers while keeping costs down.

Teamwork is the key to our success, from the plant crews to the office staff to estimating, mechanics, quality control .. our goal is to provide the highest levels of quality and service to our customers.



BRIEF INTRODUCTION OF OUR PRODUCTS

Rectangle Paver

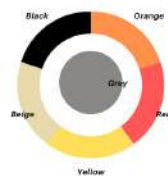
Dimensions:

T 6cm x W 10cm x L 20cm
T 8cm x W 10cm x L 20cm
T 10cm x W 10cm x L 20cm

Surface

one mix
Smooth
03
316

Colors



Rectangular / Holland paver

Dimensions:

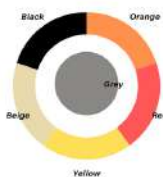
T 6cm x W 10cm x L 10cm
T 6cm x W 30cm x L 30cm
T 8cm x W 20cm x L 20cm
T 5cm x W 40cm x L 40cm



Surface

one mix
Smooth
03
316

Colors



BRIEF INTRODUCTION OF OUR PRODUCTS

3D VISIO ANGLE

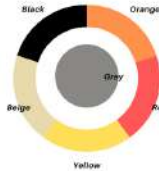
Dimensions:

T 6cm x W 10cm x L 20cm

Surface

one mix
Smooth
03
316

Colors



Long Rectangular

Dimensions:

T 8cm x W 10cm x L 60cm

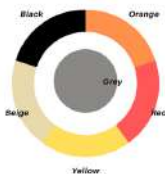
T 8cm x W 20cm x L 30cm

T 8cm x W 10cm x L 30cm

Surface

Colors

one mix
Smooth
03
316



BRIEF INTRODUCTION OF OUR PRODUCTS

Classico Paver

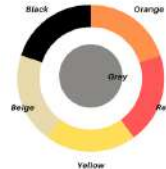
Dimensions:

- A- T 8cm x W 11.5cm x L 11.5cm
B- T 8cm x W 9.1cm x L 11.5cm
C- T 8cm x W 8.5cm x L 11.5cm

Surface

- one mix
- Smooth
- 03
- 316

Colors



V - Paver

Dimensions:

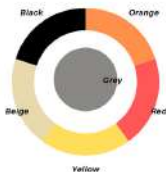
- T 6cm x W 14.5cm x L 14.5cm
T 8cm x W 19.5cm x L 19.5cm



Surface

- one mix
- Smooth
- 03
- 316

Colors



BRIEF INTRODUCTION OF OUR PRODUCTS

Trapiz Paver

Dimensions:

A- T 06cm x W 10cm x L 38cm

B- T 06cm x W 20cm x L 20cm

Surface

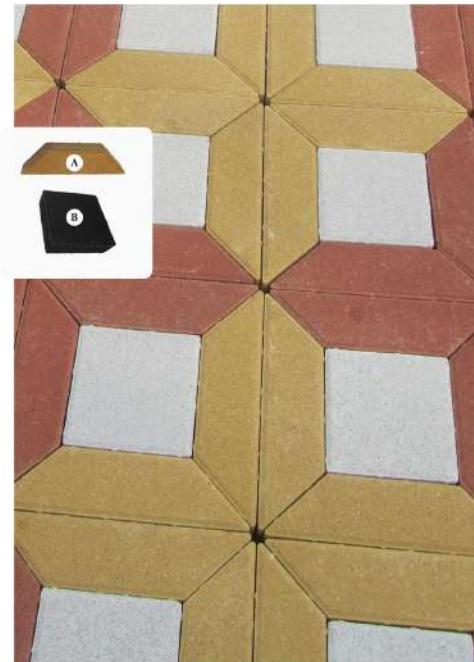
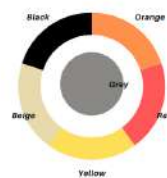
one mix

Smooth

03

316

Colors



Uni-Paver

Dimensions:

T 8cm x W 11cm x L 22cm

T 10cm x W 11cm x L 22cm



Surface

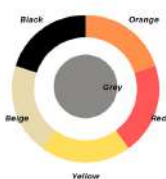
one mix

Smooth

03

316

Colors



BRIEF INTRODUCTION OF OUR PRODUCTS

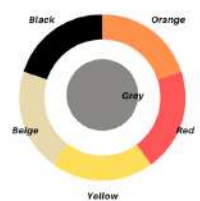
Mix-Elements Tile

Dimensions:

T 06cm x W 80cm x L 80cm

T 06cm x W 60cm x L 60cm

Colors



Quadro Paver

Dimensions:

T 6cm x W 8cm x L 20cm

T 6cm x W 13.5cm x L 20cm

T 6cm x W 11.7cm x L 20cm

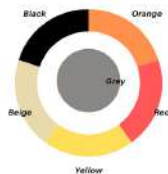
T 6cm x W 08cm x L 08cm



Surface

Colors

one mix
Smooth
03
316



BRIEF INTRODUCTION OF OUR PRODUCTS

Rustical Paver

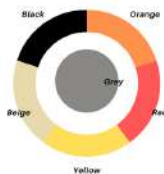
Dimensions:

T 6cm x W 84cm x L 120cm

Surface

one mix
Smooth
03
316

Colors



Bergerace

Dimensions:

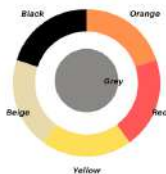
A- T 6cm x W 19.3cm x L 13.5cm
B- T 6cm x W 13.5cm x L 13.5cm
C- T 6cm x W 10.5cm x L 13.5cm



Surface

Colors

one mix
Smooth
03
316



BRIEF INTRODUCTION OF OUR PRODUCTS

Paving Tile

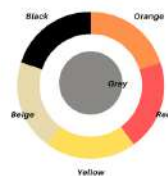
Dimensions:

- H 04cm x W 40cm x L 40cm
- H 05cm x W 50cm x L 50cm
- H 05cm x W 60cm x L 60cm
- H 06cm x W 60cm x L 60cm
- H 06cm x W 40cm x L 80cm
- H 06cm x W 80cm x L 80cm

Surface

- one mix
- Smooth
- 03
- 316

Colors



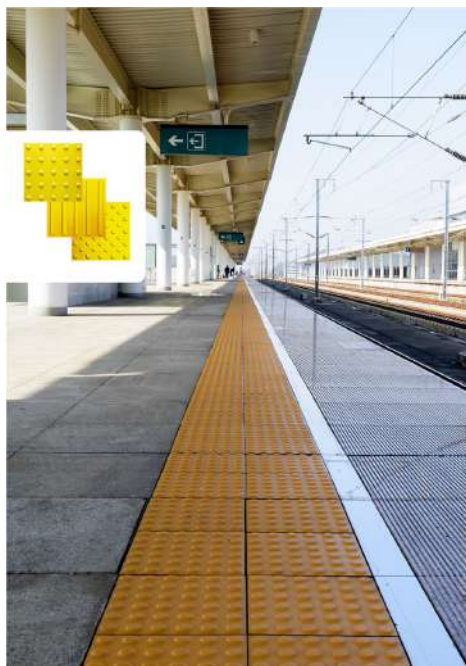
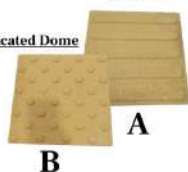
Tactiles paver

Dimensions:

- A- T 06cm x W 30cm x L 30cm
- B- T 06cm x W 30cm x L 30cm

Grooved

Truncated Dome



BRIEF INTRODUCTION OF OUR PRODUCTS

Shot Blasting Tile



Dimensions

H 06cm x W 60cm x L 60cm
H 06cm x W 40cm x L 80cm
H 06cm x W 80cm x L 80cm

Red / Green Cable Tile

Dimensions

H 05cm x W 20cm x L 40cm
H 08cm x W 20cm x L 40cm



Cable Marker

Dimensions

H 07cm x W 30cm x L 30cm



Meba Grass Paver

Dimensions:

H 11cm x W 40cm x L 60cm



BRIEF INTRODUCTION OF OUR PRODUCTS

VARIO FLOR

Dimensions

H 30cm x W 45cm x L 66cm



Parking Bumper

Dimensions:

A- T 15cm x W 20cm x L 180cm

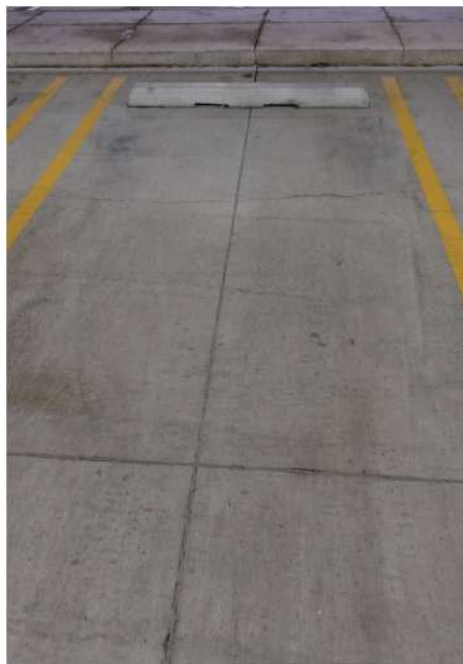
B- T 15cm x W 20cm x L 100cm



B



A



BRIEF INTRODUCTION OF OUR PRODUCTS

Curb Stones



01

Thick 10

Dimensions

T 10cm x H 30cm x L 50cm
T 10cm x H 20cm x L 50cm



02

Corner Curb Stones

Dimensions

T 10cm x H 30cm x L 25-25 cm



03

Thick 12.5

Dimensions

T 12.5cm x H 25.5cm x L 91.5cm

Curb Stones



04

Thick 19

Dimensions

T 19cm x H 40cm x L 60cm



05

Thick 20

Dimensions

T 20cm x H 30cm x L 50cm



06

Thick 15

Dimensions

T 15cm x H 30cm x L 50cm
T 15cm x H 30cm x L 91cm

BRIEF INTRODUCTION OF OUR PRODUCTS

Curb Stones



07

FLAT CURBSTONE

Dimensions

- T 10cm x H 30cm x L 50cm
- T 15cm x H 30cm x L 50cm
- T 15cm x H 30cm x L 91cm
- T 20cm x H 30cm x L 50cm
- T 12.5cm x H 25.5cm x L 91.5cm



08

One Side Chamfer

Dimensions

- T 10cm x H 30cm x L 50cm

PICTURE GALLERY



PICTURE GALLERY



PICTURE GALLERY



PICTURE GALLERY



PICTURE GALLERY



LIST OF TECHNICAL STAFF

<u>MASA PLANT</u>	<u>DAY SHIFT</u>	<u>NIGHT SHIFT</u>
Machine Operators	2 No's	2 No's.
Loader Operators	1 No.	1 No.
Forklift Operators	2 No's	2 No's
Labor	8 No's	8 No's
<u>TOTAL</u>	<u>13 No's</u>	<u>13 No's.</u>
<u>TOTAL FOR DAY & NIGHT SHIFT</u>		<u>26 No's.</u>
<u>ARBAU PLANT/ZENITH</u>		
Machine Operator	1 No.	
Mixer Operator	1 No.	
Crane Operator	1 No.	
Dumper Operator	1 No.	
Forklift Operator	2 No's	
Supervisor	1 No.	
Labour	4 No's	
<u>TOTAL</u>	<u>11 No's</u>	
<u>TOTAL FOR TWO SHIFTS</u>	<u>22 No's.</u>	

LIST OF TECHNICAL STAFF

<u>WORKSHOP</u>		
Mechanic	2 No's	
Electrician	2 No's	
Denter	1 No.	
Painter	1 No.	
Welder	2 No's	
Labour	2 No's	
<u>TOTAL</u>	<u>10 No's</u>	
<u>OVER ALL MAINTENANCE</u>		
Supervisor	1 No.	
Plant Electrician	1 No.	
Plant Mechanic	1 No.	
<u>TOTAL</u>	<u>3 No's</u>	
<u>DISPATCH DEPARTMENT</u>		
Forklift Operator	3 No's	
Labour	2 No's	
Office	2 No's	
<u>TRANSPORTATION</u>		
Heavy Drivers	20 No's	
<u>TOTAL</u>	<u>20 No's</u>	

EQUIPMENTS

S NO.. NO TYPE OF EQUIPMNENT

1 - 2 MASA PLANT MIXING PLANT S

2 - 2 UNIQUE WET PRESSES

3- 1 ZENITH PLANT

4- 1 ARBAU PLANT

5- 8 FORKLIFTS

6- 15 TRUCKS FOR DELIVERY

7- 8 ATLAS CRANE

CONTACTS



P.O. BOX 1758 DAMMMAM
POSTAL CODE 31441

.....



+966505850785



(013) 8472086 / 8471794 / 8474255



(013) 8472260



mcpp@almoajilholding.com

REGISTRATION & APPROVAL



REGISTRATION CERTIFICATE

This certificate confirms that the management systems of
Al-Moajil Cement Products Plant (MCP)

P.O. Box 1758, Dammam 31441,
Kingdom of Saudi Arabia

have been audited and approved by
Quay Audit UK Ltd to the following management standard:

ISO 9001:2015

The approved management systems apply to the following scope:

**Manufacturer and Supplier of Various Cement Products,
e.g. Interlocking Bricks, Cable Cover Tiles, Cable Makers,
Parking Bumpers, Curve Stones etc.**

This certificate is restricted to those scopes of business activity described
in the internationally recognised NACE Codes listed below:

2361

Original Approval	11 April 2020
Current Certificate	11 April 2020
Certificate Expiry	11 April 2023
Registration Number	4156907



On behalf of **Quay Audit UK Limited**



www.ascb.com



www.global-accreditation.org



www.irqao.com

This is an accredited certificate authorised for issue by Accreditation Service for Certifying Bodies (Europe) Limited who have assessed Quay Audit UK Limited against defined criteria and in cognisance of ISO 17021:2011 'Conformity Assessment - Requirements for bodies providing audit and certification of management systems'. This certificate is only valid when confirmed by the register listed in the International Register of Quality Assessed Organisations: www.irqao.com

Grove House 8 St. Julian's Friars Shrewsbury, Shropshire, SY1 1XL | (44)1743 351677 | post@quayaudit.co.uk | www.quayaudit.co.uk



تاريخ الترخيص : ١٤٣٨/١٢/٠٢ هـ

الرقم المميز : ٣٠٠٥٣٩٩٧٧١



الهيئة العامة للزكاة والدخل
GENERAL AUTHORITY OF ZAKAT & TAX

المملكة العربية السعودية
الهيئة العامة للزكاة والدخل
GENERAL AUTHORITY OF ZAKAT & TAX
(١٨٥)

شهادة
CERTIFICATE

شهادة تسجيل في ضريبة القيمة المضافة VAT registration certificate

تشهد الهيئة العامة للزكاة والدخل بأن المكلف : شركة عبدالعزيز وسعد المعجل للتجارة والاستثمار- مساهمة مقفلة
مسجل في ضريبة القيمة المضافة بتاريخ : ١٤٣٨/١٢/٠٢ هـ، وتحمل الرقم الضريبي : ٣٠٠٥٣٩٩٧٧١٠٠٠٠٣

عنوان المركز الرئيسي :

المدينة : الدمام الحي :

صندوق البريد : الرمز البريدي : ٣١٤١١

الهاتف : ٠٠٩٦٦٥٠٠٧٠١٨٠٠

الهيئة العامة للزكاة والدخل



هذه الوثيقة مرسلة من النظام الآلي ولا تحتاج إلى توقيع



الرقم: ٢٠٥٠٠١٣٤٦٤

التاريخ: ١٤٠٣/٠٦/١٣ هـ

وزارة التجارة
Ministry of Commerce

شهادة تسجيل فرع الشركة



الرؤية الوطنية ٢٠٣٠
National Vision 2030

الرقم الموحد للمنشأة: ٧٠١٣٣٢٨١٨٨٧

اسم الشركة: شركة عبدالعزيز وسعد المعجل للتجارة والاستثمار مساهمة مقفلة

نوعها: مساهمة رأس مالها: ٢٦٠٠٠٠٠٠٠ ريال سعودي

مركزها الرئيسي: الدمام شارع الظهران مركز عبدالعزيز وسعد المعجل التجاري

ص ب: ٥٣ الرمز البريدي: ٣١٤١١ هاتف: ٨٣٢١٢٥٤

رقم سجل المركز الرئيسي: ٢٠٥٠٠٠٠٩٤٦ تاريخ: ١٣٧٩/٠٨/٢٨ مصدره: الدمام

الاسم التجاري: مصنع المعجل لمنتجات الأسمنت فرع شركة عبدالعزيز وسعد المعجل للتجارة والاستثمار

العنوان: الدمام - المنطقة الصناعية الرمز البريدي: ٣١٤١١ هاتف: ٨٥٧٨٦٣٨

ص ب: ٥٣ النشاط: للاطلاع على بيانات الأنشطة الرجاء مسح الرمز التجاري

اسم المدير (رعايا): ناصر مبارك عبدالله القحطاني

الجنس: سعودي تاريخ الميلاد: ١٣٩١ هـ مكان الميلاد: العربية السعودية

رقم السجل المدني: ١٠٤٤٣٦٢٦٥٣ تاريخ: مصدره: مكتب أحوال فؤاد سنتر

سجلات المدير: حسب ما نص عليه عقد الشركة تاريخ: مصدره:

يشهد مكتب السجل التجاري بمدينة: الدمام بأنه تم تسجيل فرع الشركة المذكورة أعلاه بمدينة: الدمام

وتنتهي صلاحية الشهادة في: ١٤٤٣/٠٥/٢٩ هـ بموجب الإيصال رقم: ٢١٣٧٤٦١ وتاريخ: ١٤٤٢/٠٩/٠٩ هـ

عبد المحسن بن إبراهيم الحماد

التوقيع:



To Verify the information of this certificate visit <http://v.mci.gov.sa> يمكنك التحقق من صحة هذه الشهادة بالدخول على

التاريخ ١٤٤٢/١٠/٢٥
الموافق ٢٠٢١/٠٦/٠٦
رمز الشهادة ٣٩٠٧٣٩٤٩



شهادة

إسم المنشأة : مصنع المعجل لمنتجات الاسمنت
ص.ب : ١٧٥٨ الدمام ٣١٤٤١
السعودية
رقم الإشتراك : ٢١٠٠٣٦١٢١
رقم السجل التجاري : ٢٠٥٠٠١٣٤٦٤

مصدره : الدمام

رقما	كتابة	عدد المشتركين السعوديين
١٣	ثلاثة عشره مشتركا	عدد المشتركين غير السعوديين
٧٠	سبعون مشتركا	المجموع
٨٣	ثلاثة و ثمانون مشتركا	

تشهد المؤسسة العامة للتأمينات الإجتماعية بأن المنشأة المذكورة أعلاه قد أوفت بالتزاماتها تجاه المؤسسة وفق البيانات المقدمة منها حتى تاريخ إصدار هذه الشهادة ، والتي تم منحها لتقديمها لأية جهة تطلبها ، وهي صالحة لجميع الأغراض التي نص عليها نظام التأمينات الإجتماعية في المادة (٦/١٩) منه.

هذه الشهادة سارية المفعول حتى ١٤٤٢/١١/٢٥ هـ.

يلزم التحقق من صحة وصلاحيه الشهادة عبر زيارة الرابط
أدناه في الموقع الإلكتروني للمؤسسة العامة للتأمينات الإجتماعية
أو عن طريق استخدام
الرمز المعرف التالي :



www.gosi.gov.sa/vc

(الشهادة معتمدة من صاحب الصلاحية ولا تحتاج إلى توقيع أو ختم)

ننهادة



www.gosi.gov.sa
800 1243344



تعد هذه الشهادة من الوثائق الإلكترونية الحكومية الرسمية ، ويحظر قطعيا تقليدها أو إدخال أي تعديلات عليها سواء بالإضافة أو الحذف أو التغيير في بياناتها أو غير ذلك من انواع التعديل ، وتعد الشهادة لاغية إذا شابها شيء من ذلك ، كما تعرض صاحبها للملاحقة النظامية أمام الجهات المختصة بالإضافة إلى مايفرضه نظام التأمينات الاجتماعية من عقوبات ، ولايجوز تداول الشهادة إلا في الأغراض التي أصدرت لأجلها وفقا لأحكام نظام التأمينات الاجتماعية ، والمؤسسة العامة للتأمينات الاجتماعية غير مسؤولة عن أي آثار أخرى مترتبة قبل الغير عن الشهادة وغير مسؤولة عن أي عملية تزوير أو تعديل تتم على البيانات الواردة فيها .


التأمينات الإلكترونية
إمكانيات من مكانك



மேலும்

الوحدة	الطاقة الإنتاجية	النشاط الصناعي	وصف المنتج	رمز المنتج
متر مربع	٤٨٠٠٠٠٠	صناعة البلاط و الموازيكو الأسمنتي بكافة أصنافه	بلاط أرضية	٦٨٠١٩٢١
متر مربع	٤٨٠٠٠٠٠	صناعة البلاط و الموازيكو الأسمنتي بكافة أصنافه	بلاط أسمنتي	٦٨٠٢٢١٠٠
وحدة	٧٢٠٠٠٠٠	صناعة البلك الأسمنتي المفرد والتآجر	مردورات اسمنتية	٦٨٠١٩٢١



بند بن ابراهيم الخريف

2017

رخصة تشغيل

رقم الرخصة : 5931442225013584
تاريخ الانتهاء : 1443/3/6

برخص ل :		مصنع المعجل لمنتجات الاسمنت	
رقم السجل التجاري :	2050013464	تاريخه :	1403/6/13
المدينة الصناعية :	الدمام الأولى	تاريخ الانتهاء :	1440/5/29
رقم العقد :	40115		
موقع العقار :	0040Y00001		
<p>الشروط والأظمة:</p> <p>1. تعفى هذه الرخصة الإذن بتشغيل المنشأة وأن المرخص له بتشغيل هذه المنشأة هو المشغل الحقيقي له وفق كيانه القانوني وتراخيصه وسجلاته ولا يحق لمصاحب المنشأة التنازل عن التشغيل والرحصة أو أي جزء منها للغير..</p> <p>2. يلتزم المرخص له بالتقيد بال شروط والالتزامات المكتوبة في هذه الرخصة وكافة الأنظمة واللوائح والشروط والتعليمات الصادرة من " مدن " ويتم الرجوع للأنظمة واللوائح السارية المعمول بها في المملكة العربية السعودية فيما لم يرد بشأنه تنظيم لدى " مدن ".</p> <p>3 . يلتزم المرخص له بتجديد هذه الرخصة خلال مدة لا تزيد عن 15 يوما بعد انتهائها.</p>			
<p>عقد الإيجار ساري حتى : 1447/3/17 هـ</p>			





رقم الصادر

٢٧٨٠

تاريخه

١٤٤١/١٢/٢٧

رقم الصادر	رقم الطلب	اسم المنشأة
١٤٤٠/٥٠٨٧	رقم الطلب	مصنع المعجل لمنتجات الأسمنت فرع شركة عبد العزيز وسعد المعجل للتجارة والاستثمار
١٣٨٣٤١٥١٣	هاتف	ثانية
٣١٤١١	صندوق البريد	الدمام - المدينة الصناعية الأولى
١٤٠٣/٠٣/١٣ هـ	الرمز البريدي	١٩٠٣٠٢٢٠١٠
	تاريخه	٢٠٠٠١٣٤٦٤
		افتتاح بلاط الانترلوك والبلاط الاسمنتي والفوتيات

توافق الهيئة العامة للأرصاد وحماية البيئة على النشاط الموضح أعلاه من الناحية البيئية مع مراعاة اللوائح والأنظمة الصادرة من الجهات الأخرى ذات العلاقة والالتزام بالنظام العام للبيئة ولانتهته التنفيذية والاشتراطات المرفقة مع هذه الشهادة وتنتهي صلاحيته في ١٤٤٣/١/٢٠ هـ

مدير الإدارة العامة للتراخيص البيئية

نرصد ونحمي

لحاضرنا ومستقبلهم

أنور بن مبخوت النهدي



التعليمات الخاصة بتنفيذ الترخيص

١. الالتزام بمواد قانون (نظام) التنظيم الصناعي الموحد لدول مجلس التعاون لدول الخليج العربية ولائحته التنفيذية.
٢. عدم إجراء أي توسعة أو تعديل في المنتجات قبل الحصول على موافقة الوزارة.
٣. الالتزام بتحديث بيانات المصنع كل ستة أشهر من خلال موقع الوزارة الإلكتروني.
٤. التزام مطابقة المنتجات للمواصفات والمقاييس المعتمدة أو المواصفات المتبناة من الهيئة السعودية للمواصفات والمقاييس.
٥. الالتزام بمواد النظام العام للبيئة ولائحته التنفيذية للمحافظة على البيئة من التلوث.
٦. الالتزام بالأنظمة والتعليمات ولوائح السلامة والأمن الصناعي والصحة العامة.
٧. أن تكون حسابات المشروع الصناعي منتظمة وفقاً للأصول المحاسبية و القواعد القانونية المرعية وأن يزود الوزارة بالميزانية العمومية مصادق عليها من محاسب قانوني لكل سنة مالية.
٨. عدم إساءة استعمال المزايا الممنوحة للمشروع.
٩. تزويد الوزارة بما تطلبه من بيانات كاملة وصحيحة عن المشروع.
١٠. السماح لموظفي الوزارة بدخول المشروع الصناعي والإطلاع على السجلات والمستندات والحسابات ومراقبة عملية الإنتاج وغير ذلك من نشاطات المشروع.
١١. لايحوز إقامة مشروع صناعي أو توسعته أو تطويره أو تغيير منتجاته أو دمجها بمشروع صناعي



شركة ضمن البناء للمقاولات العامة
Saudi Aramco



شركة ضمن البناء للمقاولات العامة
Within Construction Co.

TRANSMITTAL / APPROVAL FORM

PROJECT TITLE	SAUDI ARAMCO HOMEOWNERSHIP DEVELOPMENT, INCREMENT II, AL MUTRAFIAH JUBAIL K.S.A.									
CONTRACTOR	Within Construction Co. P.O Box 3141 Jubail Industrial 35514 Saudi Arabia									
S.A. CONT. NO	6510928627	TRANSMITTAL / APPROVAL DETAILS								
SA CONT PACK NO	BI-28-15011	711	System / Lot #	- Villa Type	- DISCIPLINE	- ACTIVITY / ITEM	- FROM/TO	- DOCUMENT TYPE	- Number Series	REV.
R.C. JOB NO	711-Y02	711	ALL	ALL	CIVIL	Paving Tiles & Curbstones	WITHIN-HCO	Material Submittal		01
LOCATION	JUBAIL IND. CITY, MUTRAFIAH	DATE PREPARED		16-Jan-2020 039135						
PARCEL	F2	RC - SPECS		RC DRAWING						
HCO		SAPMT		ROYAL COMMISSION						
<input checked="" type="checkbox"/> CODE 1	<input checked="" type="checkbox"/> CODE 1	<input checked="" type="checkbox"/> CODE 1	Code 1 - Allow the Contractor to proceed							
<input type="checkbox"/> CODE 2	<input type="checkbox"/> CODE 2	<input type="checkbox"/> CODE 2	Code 2 - Allow the Contractor to proceed with Exceptions							
<input type="checkbox"/> CODE 3	<input type="checkbox"/> CODE 3	<input type="checkbox"/> CODE 3	Code 3 - Denotes not Approved							
<input type="checkbox"/> CODE 4	<input type="checkbox"/> CODE 4	<input type="checkbox"/> CODE 4	Code 4 - Denotes No review required							

ITEM DESCRIPTION / ACTIVITY

Material Submittal for Paving Tiles & Curbstones.

(Manufacturer/Supplier: Almosall Cement Products plant)
For All Villas

HCO/MST-C/0260/2020 Rev-01

FOR HCO USE ONLY

* ACCEPTED, AS INSTALLED AT MAKE-UP VILLAS

FOR ROYAL COMMISSION USE/SAPMT USE

* As per attached photos Yellow inter-lock for Spanish & Moroccan, Gray for Modern villas Only
* Red inter-lock use for Borders Only

CONTRACTOR		HCO (PMC)		SAUDI ARAMCO	ROYAL COMMISSION / PROPOSER
TRANSMITTED BY		REVIEWED BY	APPROVED BY	SAPMT	REVIEWED BY REPRESENTATIVE
NAME	MOHAMED AREF Project Manager		SIMON JACOB Senior Projects Manager (HCO-PMC, INC-II)	Lead Project Engineer (Saudi Aramco, INC.II)	A Alanezi
SIGNATURE					
DATE	16-Jan-2020	14/01/2020	16/01/2020	1-26-2020	21/12/2020

Original received by With In Construction Company.



Agreement Saudi Arabia



AECOM



TRANSMITTAL / APPROVAL FORM (DCME-401-FM1)

PROJECT TITLE	Saudi Aramco Homeownership Lots, INCREMENT I, Al Mufrahiah, Jubail, Saudi Arabia									
CONTRACTOR	Arfad International Industry Co. - PO BOX 11404 Jubail Industrial City - 31961									
S.A. CONT. NO	6510920350	TRANSMITTAL DETAILS								
SA CONT PACK NO	BI-28-15008	711	-SYSTEM/ AREA #	-AREA TYPE	-DISCIPLINE/ NETWORK	-ACTIVITY	-FROM-TO	-DOCUMENT TYPE	4 Digits Number	-REV.
R.C. JOB NO	711-Y01	711	ALL	MOSQUES	FINISHING	CONCRETE CURB & INTERLOCK	ARFAD-PMC	MSB	6 35 73	
LOCATION	JUBAIL IND. CITY, AL MUTRAFAH	DATE PREPARED		September 3, 2019						
SECTOR	F1	RC - SPECS		RC DRAWING						
AECOM/PMC		ROYAL COMMISSION		SAPMT						
<input type="checkbox"/> CODE 1	<input checked="" type="checkbox"/> CODE 2	<input type="checkbox"/> CODE 3	<input type="checkbox"/> CODE 4	<input type="checkbox"/> CODE 1	<input type="checkbox"/> CODE 2	<input type="checkbox"/> CODE 3	<input type="checkbox"/> CODE 4	Code 1 - Allow the Contractor to proceed Code 2 - Allow the Contractor to proceed with Exceptions Code 3 - Denotes Not Approved Code 4 - Denotes No Review Required		

ITEM DESCRIPTION / ACTIVITY

Material Submittal For Precast Concrete Curb & Interlock

Supplier/Manufacturer: Almosall Cement Products Plant

(For All Mosques)

(Coad - 02-13)

ARFAD - MSB - NO (016)

PMC USE ONLY

CONCRETE CURB : USE 400mm x 300mm x 500mm (30MPa)
PRE CAST CONCRETE CURB XS PER RC STANDARDS
INTERLOCK : USE 300mm x 196mm x 60mm (55 MPa)
RANDOM TEST OF SAMPLES TO BE TAKEN ON SITE
SHOP DRAWING TO BE SUBMITTED FOR APPROVAL
MOCK UP SAMPLE TO BE PROVIDED ON SITE FOR RC APPROVAL
SUBJECT TO RC APPROVAL

FOR ROYAL COMMISSION / SAPMT USE

See attached comments from RC

(CONTRACTOR)		AECOM (PMC)		Royal Com. / SAPMT
TRANSMITTED BY		REVIEWED BY	APPROVED BY	REVIEWED BY REPRESENTATIVE
NAME	Eng. Elwanly El Shemy Arfad Project Manager	D. X. E. Suxao	MUHAMMAD AL BAKRI Project Manager	
SIGNATURE				
DATE	3-Sep-2019			

Copy received by ARFAD INTERNATIONAL INDUSTRY CO.

064-02-008-00

ROYAL COMMISSION FOR JUBAIL AND YANBU
ROYAL COMMISSION IN JUBAIL
PROJECTS MANAGEMENT DEPARTMENT

TECHNICAL SUBMITTAL REVIEW SIGN OFF SHEET- Contractor Copy

Contract No.: 711-Y01
CONTRACTOR SUBMITTAL NO: 70 Doc. No: 02-008-00
RC TRANSMITTAL No: _____
TITLE: Material Submittal for Pre Cast Concrete Curb and Interlock

<input checked="" type="checkbox"/> 1	Work May Proceed	<input type="checkbox"/> 3	Revise and Resubmit, Work May Not Proceed
<input type="checkbox"/> 2	Revise and Resubmit, Work May Proceed subject to incorporation of changes and comments	<input type="checkbox"/> 4	Review Not Required
		Work:	
		<input type="checkbox"/>	May Proceed
		<input type="checkbox"/>	May Not Proceed

Note: Permission to proceed does not constitute acceptance or approval of design details, calculation analyses, test methods or materials developed or selected by the supplier does not relieve the contractor from his contractual obligations.

Mohammed Saeed Qasbi Ahmed
Manager Of Private Projects SIGNATURE DATE 25-9-2019

Note:

Comments must be written on the Comments sheet and attached. Comments which can only be possible on the contractor's submittal must be indexed on this form

Document status applies to technical content only. Use of foreign materials, equipment and services is subject to royal commission's approval. Once this technical submittal is given code 1 or 2 status, contractor shall submit vendor approval (with technical submittal package) for royal commission's review. Procurement prior to this approval is done at the contractor's own risk.

Comments:

Two type of curb should be used for mosques, PMC to contact project engineer for more clarification

Tuesday, September 10, 2019

CALLIBRATION OF PLANT



Certificate of Calibration

Certificate No. : INAT-020-7817

Issued by International Agent Group For Calibration Laboratory Services

Customer : Al Moajil Cement Product Plant
Address : PO BOX 1758DAMMAM 31441, 1ST INDUSTRIAL CITY

Page 1 of 2

Equipment Details & Specifications (UUT)

Equipment name : Compression Machine	Calibration Date : 07-Jul-2021
Manufacturer : MATEST	Calibration Due Date : 06-Jul-2022
Model / Type : Cyber Plus	Calibration Interval : 12 Months
Serial / Code : C109N/AH/0029	Environment Temperature : N-A °C
Range : 0 ~ 2000 KN	Environment Humidity : N-A %RH
Resolution : 0.1 KN	Job Form No : 210450 - 1
Acceptance Criteria : $\pm 1\%$	Data Sheet no. : 21-4194

Reference Instrument (STD)

Unit Name	Make	Model	Cal Due Date	Traceability
1. Load Cell	PT Global	PT 200	27-Jul-2021	3512.06

Calibration Procedure : ASTM E-74

Measurement Result Reported As

PASSED ✓ : The measured values of the equipment were observed in specification at the points .

Calibration Results : (See Next Page)

Location : Dammam



Performed By:

Calibration Analyst (stamp)

Approved By:

Calibration Manager

The reported expanded uncertainty of measurement is stated as the standard uncertainty measurement multiplied by the coverage factor $k = 2$, providing a level of confidence of approximately 95 %.

This certifies that the above listed instrument has been calibrated using standards whose accuracy are traceable to national or international standards and in accordance with the quality system conform to ISO 17025:2005.

This certifies applies only to the item described. Calibration certificate without signature and stamp is not valid. The readings presented are the results at the time of calibration. This certificate may not be reproduced other than in full, except with prior written approval by International Agent Group For Calibration Laboratory Services (INAT).

Description: Compression Machine

Certificate No: INAT-020-7817

Serial No: C109N/AH/0029

Calibration Date: 07-Jul-2021

Calibration Result(s)

	Nominal Value (UUT)	Measured Value (STD)	Deviation	Expanded Unc \pm KN
Compression				
	0.0	0.00	0.00	0.000
	100.0	100.07	0.07	0.306
	300.0	298.43	-1.57	0.406
0 ~ 2000 KN	600.0	595.77	-4.23	0.412
	900.0	893.27	-6.73	0.526
	1200.0	1191.25	-8.75	0.496
	1500.0	1488.72	-11.28	0.938



End of Certificate
Rev.02

Form No : CALFORM-008

Sep-15-2019



Certificate of Calibration

Certificate No. : INAT-020-7819

Issued by International Agent Group For Calibration Laboratory Services

Customer : Al Moajil Cement Product Plant
Address : PO BOX 1758DAMMAM 31441, 1ST INDUSTRIAL CITY

Page 1 of 2

Equipment Details & Specifications (UUT)

Equipment name : Digital Balance	Calibration Date : 07-Jul-2021
Manufacturer : Citizon	Calibration Due Date : 06-Jul-2022
Model / Type : CTG-15H	Calibration Interval : 12 Months
Serial / Code : 4830073008	Environment Temperature : N-A°C
Range : 0 to 15000 Gram	Environment Humidity : N-A %RH
Resolution : 0.1 Gram	Job Form No : 210450 - 3
Acceptance Criteria : As per manufacturer's specification	Data Sheet no. : 21-4196

Reference Instrument (STD)

Unit Name	Make	Model	Cal Due Date	Traceability
1. Dead Weight Set		Class F1	26-Apr-2022	ACL-0006
2. Dead Weights		M1 Class	26-Apr-2022	ACL-0006

Calibration Procedure : INAT/DIME/LCP-005

Measurement Result Reported As

PASSED ✓ : The measured values of the equipment were observed in specification at the points tested.

Calibration Results : (See Next Page)

Location : Dammam



Performed By:

Calibration Analyst (stamp)

Approved By:

Calibration Manager

The reported expanded uncertainty of measurement is stated as the standard uncertainty measurement multiplied by the coverage factor $k = 2$, providing a level of confidence of approximately 95 %.

This certifies that the above listed instrument has been calibrated using standards whose accuracy are traceable to national or international standards and in accordance with the quality system conform to ISO 17025:2017

This certifies applies only to the item described. Calibration certificate without signature and stamp is not valid. The readings presented are the results at the time of calibration. This certificate may not be reproduced other than in full, except with prior written approval by International Agent Group For Calibration Laboratory Services (INAT).

Description: Digital Balance

Certificate No: INAT-020-7819

Serial No: 4830073008

Calibration Date: 07-Jul-2021

Calibration Result(s)

Mass	Applied Value (STD)	Measured Value (UUT)	Deviation	Error %
0 ~ 15000 Gram	2.000	2.0	0.000	0.000
	5.000	5.0	0.000	0.000
	10.000	10.0	0.000	0.000
	20.000	20.0	0.000	0.000
	50.000	50.0	0.000	0.000
	100.000	100.0	0.000	0.000
	200.000	200.0	0.000	0.000
	500.000	500.0	0.000	0.000
	1000.000	1000.0	0.000	0.000
	2000.000	2000.0	0.000	0.000
	5000.000	4999.9	-0.100	-0.002
	10000.000	9999.8	-0.200	-0.002
	15000.000	14999.5	-0.500	-0.003



End of Certificate



Certificate of Calibration

Certificate No. : INAT-020-7818

Issued by International Agent Group For Calibration Laboratory Services.

Customer : Al Moajil Cement Product Plant
Address : PO BOX 1758DAMMAM 31441, 1ST INDUSTRIAL CITY

Page 1 of 2

Equipment Details & Specifications (UUT)

Equipment name	: Lab Drying Oven	Calibration Date	: 07-Jul-2021
Manufacturer	: Yu Feng	Calibration Due Date	: 06-Jul-2022
Model / Type	: STHX-2A	Calibration Interval	: 12 Months
Serial / Code	: 14022	Environment Temperature	: N-A °C
Range	: @ 90 °C	Environment Humidity	: N-A %RH
		Job Form No	: 210450 - 2
		Data Sheet no.	: 21-4195

Acceptance Criteria : As Per Manufacturer Specifications

Reference Instrument (STD)

Unit Name	Make	Model	Cal Due Date	Traceability
1. Process calibrator	Fluke	754	16-Mar-2022	3512.06

Calibration Procedure : INAT/TEMP/LCP-005

Measurement Result Reported As

PASSED ✓ : The measured values of the equipment were observed in specification at the points tested.

Calibration Results : (See Next Page)

Location : Dammam



Performed By:

Calibration Analyst (stamp)

Approved By:

Calibration Manager

The reported expanded uncertainty of measurement is stated as the standard uncertainty measurement multiplied by the coverage factor $k = 2$, providing a level of confidence of approximately 95 %.

This certifies that the above listed instrument has been calibrated using standards whose accuracy are traceable to national or international standards and in accordance with the quality system conform to ISO 17025:2017

This certificate applies only to the item described. Calibration certificate without signature and stamp is not valid. The readings presented are the results at the time of calibration. This certificate may not be reproduced other than in full, except with prior written approval by International Agent Group For Calibration Laboratory Services (INAT).



مؤسسة الوكيل الدولي للمقاولات INTERNATIONAL AGENT FOR CONTRACTING EST.

Calibration Services, NDT Services, Trading, Inspection, Testing, QMS Consultancy, Training IT Solution, Contracting



Page 2 of 2

Description: Lab Drying Oven

Certificate No: INAT-020-7818

Serial No: 14022

Calibration Date: 07-Jul-2021

Calibration Result(s)

Temperature	Nominal Value (UUT)	Measured Value (STD)	Deviation	Error %
@ 90 °C	90	89.97	-0.03	-0.03
	90	89.93	-0.07	-0.08
	90	89.92	-0.08	-0.09



End of Certificate

Form No : CALFORM-005

Rev.02

Sep-15-2019

ص.ب ٣٠٠٢٠ - الخبر ٣١٩٥٢ - المملكة العربية السعودية - تلفون: +٩٦٦ ١٣ ٨٩٣٣٢٥٠ - فاكس: +٩٦٦ ١٣ ٨٦٤٣٣٥١ - س.ت ٢٠٥١٠٣٤٤٧٩

P.O. Box 30060 - Al Khobar 31952 - Saudi Arabia - Tel.: +966 13 8933250 - Fax: +966 13 8643351 - C.R. 2051034479

www.inatt.com

info@inatt.com

calibration@inatt.com

Calibration Report

Customer Details		Machine Details	
Name: Al Moajil Cement Products Plant		Make: Bilanciai D800	Model: Weighbridge
Address: P.O. Box:1758 Dammam 31411 Saudi Arabia		S.No. 215192	Capacity: 80Ton Graduation:10kg
Calibration Date: 15-09-2020		Next Calibration Date:15-09-2021	

Applied Weight (kg)	Displayed Weight (kg)	After Calibration (kg)	Error
0	0	0	---
1000	1000	1000	---
2000	2000	2000	---
3000	3000	3000	---
4000	4000	4000	---
5000	5000	5000	---
6000	6000	6000	---
7000	7000	7000	---
8000	8000	8000	---
9000	9000	9000	---
10000	10000	10000	---
11000	11000	11000	---
12000	12000	12000	---
13000	13000	13000	---
14000	14000	14000	---
15000	15000	15000	---

Conclusion: The weighing system is functioning accurately and within the tolerance of ± 1 Graduation.

Authorised Signature
Weighing Systems Division



Al Moajil Cement Products Plant
P.O. Box: 1758
Dammam 31411
Saudi Arabia

Calibration Certificate

(No.03-09-2020)

Make	:	Bilanciai D800
Model	:	Weighbridge
Capacity	:	80Ton
Graduation	:	10kg
Serial No.	:	215192
Location	:	1 st Industrial - Dammam

This is to certify that above weighbridge has been installed and calibrated on 15th September, 2020 using Standard Test Weights.

Traceable to SASO Standards

SSA 174, SSA 128, SSA 129, SSA 252, SSA 253 & SSA 524

We confirm that the weighbridge is functioning accurately after the calibration.

Yours Faithfully
Al Sale Eastern Co. Ltd.

Authorised Signature
Weighing Systems Division



CERTIFICATE OF CALIBRATION

Certificate No. MS/131156

Page 1 of 2

Customer Details

Company : Al-Moajil Cement Products Plant
Address : 11 st, Industrial Area No. 1, Dammam 32234
Contact No. : (013) 8472086
P.O No. : -

Unit Calibrated

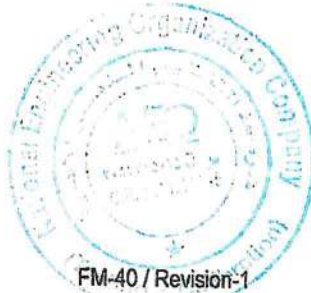
Instrument Description : Water Scale
Manufacturer : Eurostar
Model : EPM2250
Serial/ID Number : 1451164PS-1
Capacity : 750 Ltr
Calibration Date/Place : 21-Jun-2021 /NEO Cal. Lab.
Calibration Due Date : 20-Jun-2022

NEO, Calibration Laboratory certifies that the above mention instrument has been calibrated using standards whose accuracies are traceable to National Institute of Standards and Technology (NIST, USA), National Physical Laboratory (NPL, UK), Commonwealth Scientific and Industrial Research Organization (CSIRO, Australia) or have been derived from accepted values of natural physical constant, consensus standards or by the ratio type of measurements. Our laboratory maintains a quality system which meets the requirements of ISO 9001:2015 & ISO/IEC 17025:2017 Supporting documentation relative to traceability is available for review by appointment.

This calibration certificate applies only to the item identified above and shall not be reproduced except in full, without prior written approval of the laboratory.

Reviewed by:

Lab Supervisor



Approved by:

Quality Engineer

National Engineering Organization Company

Performance Test Results

Certificate No.	MS/131156	Calibrated Date :	21-Jun-21
Description:	Water Scale	Calibration Due Date :	20-Jun-22
Manufacturer:	Eurostar	Serial/ID No	1451164PS-1
Model Number:	EPM2250	Capacity	750 Ltr

Test Results

Test Description	Test Weight	UUT Reading	Deviation
	Ltr	Ltr	Ltr
Increasing Test	50.0	52.0	2.0
	100.0	102.0	2.0
	200.0	202.0	2.0
	300.0	303.0	3.0

Within Tolerance on receipt(as found)	Y	The Instrument was adjusted	N
Within Tolerance on dispatch(as left)	Y	The Instrument was repaired	N

Summary of Test Method The Unit Under Test (herein referred to as the UUT) was calibrated by applying and comparing its indications with our Laboratory Standard.

Stability :The readings given are the results at the time of calibration and do not carry any implication regarding the long term stability of the instrument.

Measurement Uncertainty Measurement uncertainties if reported are calculated at 95% confidence level with a coverage factor equal to two (k=2). If the measurement uncertainty is not reported, a test uncertainty ratio (TUR) of 4:1 and k=2 was used.

Environment 22.3 °C & 49 % RH

Traceability The reported tests were undertaken using equipment detailed below for which the company maintains traceability to the NIST/NPL Certification.

Calibration Standard & Equipment Used

Description	NEO ID No.	Calibration Due Date	Certificate No.
UT Flow Meter	UT-142	11-Jul-22	M-Tech-187

Calibrated By:-

Stamp



CERTIFICATE OF CALIBRATION

Certificate No. MS/131155

Page 1 of 2

Customer Details

Company : Al-Moajil Cement Products Plant
Address : 11 st, Industrial Area No. 1, Dammam 32234
Contact No. : (013) 8472086
P.O No. : -

Unit Calibrated

Instrument Description : Cement Scale
Manufacturer : FRIMA
Model : None
Serial/ID Number : CEM-S-01
Capacity : 1000KG
Calibration Date/Place : 21-Jun-2021 /NEO Cal. Lab.
Calibration Due Date : 20-Jun-2022

NEO, Calibration Laboratory certifies that the above mention instrument has been calibrated using standards whose accuracies are traceable to National Institute of Standards and Technology (NIST, USA), National Physical Laboratory (NPL, UK), Commonwealth Scientific and Industrial Research Organization (CSIRO, Australia) or have been derived from accepted values of natural physical constant, consensus standards or by the ratio type of measurements. Our laboratory maintains a quality system which meets the requirements of ISO 9001:2015 & ISO/IEC 17025:2017 Supporting documentation relative to traceability is available for review by appointment.

This calibration certificate applies only to the item identified above and shall not be reproduced except in full, without prior written approval of the laboratory.

Reviewed by:

Lab Supervisor

Approved by:

Quality Engineer

FM-40 / Revision-1

National Engineering Organization Company

Performance Test Results

Certificate No.	MS/131155	Calibrated Date :	21-Jun-21
Description:	Cement Scale	Calibration Due Date :	20-Jun-22
Manufacturer:	FRIMA	Serial/ID No	CEM-S-01
Model Number:	None	Capacity	1000KG

Test Results

Test Description	Test Weight	UUT Reading	Deviation
	(kg)	(kg)	(kg)
Increasing Test	0.0	0.0	0.0
	20.0	20.0	0.0
	40.0	40.0	0.0
	80.0	81.0	1.0
	100.0	101.0	1.0
	200.0	202.0	2.0
	500.0	502.0	2.0

Within Tolerance on receipt(as found)	Y	The Instrument was adjusted	N
Within Tolerance on dispatch(as left)	Y	The Instrument was repaired	N

Summary of Test Method The Unit Under Test (herein referred to as the UUT) was calibrated by applying and comparing its indications with our Laboratory Standard.

Stability :The readings given are the results at the time of calibration and do not carry any implication regarding the long term.stability of the instrument.

Measurement Uncertainty Measurement uncertainties if reported are calculated at 95% confidence level with a coverage factor equal to two (k=2). If the measurement uncertainty is not reported, a test uncertainty ratio (TUR) of 4:1 and k=2 was used.

Environment 22.3 °C & 49 % RH

Traceability The reported tests were undertaken using equipment detailed below for which the company maintains traceability to the NIST/NPL Certification.

Calibration Standard & Equipment Used

Description	NEO ID No.	Calibration Due Date	Certificate No.
STD Load Cell	14156	28-Apr-22	M-Tech-012
Calibrated By:-			
Stamp			



CERTIFICATE OF CALIBRATION

Certificate No. MS/131157

Page 1 of 2

Customer Details

Company : Al-Moajil Cement Products Plant
Address : 11 st, Industrial Area No. 1, Dammam 32234
Contact No. : (013) 8472086
P.O No. : -

Unit Calibrated

Instrument Description : Aggregate Scale
Manufacturer : Masa Process
Model : None
Serial/ID Number : AGG-S-02
Capacity : 500KG
Calibration Date/Place : 21-Jun-2021 /NEO Cal. Lab.
Calibration Due Date : 20-Jun-2022

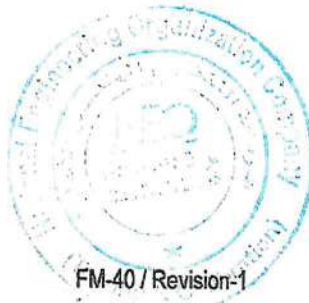
NEO, Calibration Laboratory certifies that the above mention instrument has been calibrated using standards whose accuracies are traceable to National Institute of Standards and Technology (NIST, USA), National Physical Laboratory (NPL, UK), Commonwealth Scientific and Industrial Research Organization (CSIRO, Australia) or have been derived from accepted values of natural physical constant, consensus standards or by the ratio type of measurements. Our laboratory maintains a quality system which meets the requirements of ISO 9001:2015 & ISO/IEC 17025:2017 Supporting documentation relative to traceability is available for review by appointment.

This calibration certificate applies only to the item identified above and shall not be reproduced except in full, without prior written approval of the laboratory.

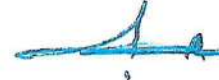
Reviewed by:



Lab Supervisor



Approved by:



Quality Engineer

CERTIFICATE OF CALIBRATION

Certificate No. MS/131157

Page 1 of 2

Customer Details

Company : Al-Moajil Cement Products Plant
Address : 11 st, Industrial Area No. 1, Dammam 32234
Contact No. : (013) 8472086
P.O No. : -

Unit Calibrated

Instrument Description : Aggregate Scale
Manufacturer : Masa Process
Model : None
Serial/ID Number : AGG-S-02
Capacity : 500KG
Calibration Date/Place : 21-Jun-2021 /NEO Cal. Lab.
Calibration Due Date : 20-Jun-2022

NEO, Calibration Laboratory certifies that the above mention instrument has been calibrated using standards whose accuracies are traceable to National Institute of Standards and Technology (NIST, USA), National Physical Laboratory (NPL, UK), Commonwealth Scientific and Industrial Research Organization (CSIRO, Australia) or have been derived from accepted values of natural physical constant, consensus standards or by the ratio type of measurements. Our laboratory maintains a quality system which meets the requirements of ISO 9001:2015 & ISO/IEC 17025:2017 Supporting documentation relative to traceability is available for review by appointment.

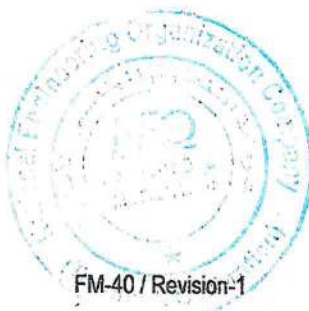
This calibration certificate applies only to the item identified above and shall not be reproduced except in full, without prior written approval of the laboratory.

Reviewed by:

Lab Supervisor

Approved by:

Quality Engineer



National Engineering Organization Company

Performance Test Results

Certificate No.	MS/131157	Calibrated Date :	21-Jun-21
Description:	Aggregate Scale	Calibration Due Date :	20-Jun-22
Manufacturer:	Masa Process	Serial/ID No	AGG-S-02
Model Number:	None	Capacity	500KG

Test Results

Test Description	Test Weight	UUT Reading	Deviation
	(kg)	(kg)	(kg)
Increasing Test	0.0	0.0	0.0
	20.0	20.0	0.0
	40.0	40.0	0.0
	80.0	81.0	1.0
	100.0	101.0	1.0
	200.0	202.0	2.0
	500.0	503.0	3.0

Within Tolerance on receipt(as found)	Y	The Instrument was adjusted	N
Within Tolerance on dispatch(as left)	Y	The Instrument was repaired	N

Summary of Test Method

The Unit Under Test (herein referred to as the UUT) was calibrated by applying and comparing its indications with our Laboratory Standard.

Stability

:The readings given are the results at the time of calibration and do not carry any implication regarding the long term stability of the instrument.

Measurement Uncertainty

Measurement uncertainties if reported are calculated at 95% confidence level with a coverage factor equal to two ($k=2$). If the measurement uncertainty is not reported, a test uncertainty ratio (TUR) of 4:1 and $k=2$ was used.

Traceability

The reported tests were undertaken using equipment detailed below for which the company maintains traceability to the NIST/NPL Certification.

Calibration Standard & Equipment Used

Description	NEO ID No.	Calibration Due Date	Certificate No.
STD Load Cell	14156	28-Apr-22	M-Tech-012

Calibrated By:-

Stamp



CERTIFICATE OF CALIBRATION

Certificate No. MS/131154

Page 1 of 2

Customer Details

Company : Al-Moajil Cement Products Plant
Address : 11 st, Industrial Area No. 1, Dammam 32234
Contact No. : (013) 8472086
P.O No. : -

Unit Calibrated

Instrument Description : Aggregate Scale
Manufacturer : FRIMA
Model : None
Serial/ID Number : AGG-S-01
Capacity : 20000KG
Calibration Date/Place : 21-Jun-2021 /NEO Cal. Lab.
Calibration Due Date : 20-Jun-2022

NEO, Calibration Laboratory certifies that the above mention instrument has been calibrated using standards whose accuracies are traceable to National Institute of Standards and Technology (NIST, USA), National Physical Laboratory (NPL, UK), Commonwealth Scientific and Industrial Research Organization (CSIRO, Australia) or have been derived from accepted values of natural physical constant, consensus standards or by the ratio type of measurements. Our laboratory maintains a quality system which meets the requirements of ISO 9001:2015 & ISO/IEC 17025:2017 Supporting documentation relative to traceability is available for review by appointment.

This calibration certificate applies only to the item identified above and shall not be reproduced except in full, without prior written approval of the laboratory.

Reviewed by:

Lab Supervisor

Approved by:

Quality Engineer



National Engineering Organization Company

Performance Test Results

Certificate No.	MS/131154	Calibrated Date :	21-Jun-21
Description:	Aggregate Scale	Calibration Due Date :	20-Jun-22
Manufacturer:	FRIMA	Serial/ID No	AGG-S-01
Model Number:	None	Capacity	20000KG

Test Results

Test Description	Test Weight	UUT Reading	Deviation
	(kg)	(kg)	(kg)
Increasing Test	0.0	0.0	0.0
	20.0	20.0	0.0
	40.0	40.0	0.0
	80.0	80.0	0.0
	100.0	100.0	0.0
	200.0	200.0	0.0
	500.0	500.0	0.0
	1000.0	1001.0	1.0
	2000.0	2001.0	1.0
	2500.0	2501.0	1.0

Within Tolerance on receipt(as found)	Y	The Instrument was adjusted	N
Within Tolerance on dispatch(as left)	Y	The Instrument was repaired	N

Summary of Test Method

The Unit Under Test (herein referred to as the UUT) was calibrated by applying and comparing its indications with our Laboratory Standard.

Stability

:The readings given are the results at the time of calibration and do not carry any implication regarding the long term stability of the instrument.

Measurement Uncertainty

Measurement uncertainties if reported are calculated at 95% confidence level with a coverage factor equal to two ($k=2$). If the measurement uncertainty is not reported, a test uncertainty ratio (TUR) of 4:1 and $k=2$ was used.

Traceability

The reported tests were undertaken using equipment detailed below for which the company maintains traceability to the NIST/NPL Certification.

Calibration Standard & Equipment Used

Description	NEO ID No.	Calibration Due Date	Certificate No.
STD Load Cell	14156	28-Apr-22	M-Tech-012

Calibrated By:-

Stamp



CERTIFICATE OF CALIBRATION

Certificate No. MS/131158

Page 1 of 2

Customer Details

Company : Al-Moajil Cement Products Plant
Address : 11 st, Industrial Area No. 1, Dammam 32234
Contact No. : (013) 8472086
P.O No. : -

Unit Calibrated

Instrument Description : Cement Scale
Manufacturer : Masa Process
Model : None
Serial/ID Number : AGG-S-02
Capacity : 500KG
Calibration Date/Place : 21-Jun-2021 /NEO Cal. Lab.
Calibration Due Date : 20-Jun-2022

NEO, Calibration Laboratory certifies that the above mention instrument has been calibrated using standards whose accuracies are traceable to National Institute of Standards and Technology (NIST, USA), National Physical Laboratory (NPL, UK), Commonwealth Scientific and Industrial Research Organization (CSIRO, Australia) or have been derived from accepted values of natural physical constant, consensus standards or by the ratio type of measurements. Our laboratory maintains a quality system which meets the requirements of ISO 9001:2015 & ISO/IEC 17025:2017 Supporting documentation relative to traceability is available for review by appointment.

This calibration certificate applies only to the item identified above and shall not be reproduced except in full, without prior written approval of the laboratory.

Reviewed by:

Lab Supervisor



Approved by:

Quality Engineer

National Engineering Organization Company

Performance Test Results

Certificate No.	MS/131158	Calibrated Date :	21-Jun-21
Description:	Cement Scale	Calibration Due Date :	20-Jun-22
Manufacturer:	Masa Process	Serial/ID No	AGG-S-02
Model Number:	None	Capacity	500KG

Test Results

Test Description	Test Weight (kg)	UUT Reading (kg)	Deviation (kg)
Increasing Test	0.0	0.0	0.0
	20.0	20.0	0.0
	40.0	40.0	0.0
	80.0	80.0	0.0
	100.0	102.0	2.0
	200.0	202.0	2.0
	500.0	501.0	1.0

Within Tolerance on receipt(as found)	Y	The Instrument was adjusted	N
Within Tolerance on dispatch(as left)	Y	The Instrument was repaired	N

Summary of Test Method

The Unit Under Test (herein referred to as the UUT) was calibrated by applying and comparing its indications with our Laboratory Standard.

Stability

The readings given are the results at the time of calibration and do not carry any implication regarding the long term stability of the instrument.

Measurement Uncertainty

Measurement uncertainties if reported are calculated at 95% confidence level with a coverage factor equal to two ($k=2$). If the measurement uncertainty is not reported, a test uncertainty ratio (TUR) of 4:1 and $k=2$ was used.

Traceability

The reported tests were undertaken using equipment detailed below for which the company maintains traceability to the NIST/NPL Certification.

Calibration Standard & Equipment Used

Description	NEO ID No.	Calibration Due Date	Certificate No.
STD Load Cell	14156	28-Apr-22	M-Tech-012
Calibrated By:-			
Stamp			



National Engineering Organization Co.

ISO 9001:2015 ISO/IEC 17025:2017

ID/Serial No : C E M - S - 0 2
Certificate No : MS/131159
Test/Cal Date : 6/21/2021
Test/Cal Due Date : 6/20/2022

Testing / Calibration Lab
Tel: 013-8024433 Mobile: 0500176475
Email: info@neo-co.com

National Engineering Organization Co.

ISO 9001:2015 ISO/IEC 17025:2017

ID/Serial No : A G G - S - 0 2
Certificate No : MS/131157
Test/Cal Date : 6/21/2021
Test/Cal Due Date : 6/20/2022

Testing / Calibration Lab
Tel: 013-8024433 Mobile: 0500176475
Email: info@neo-co.com

National Engineering Organization Co.

ISO 9001:2015 ISO/IEC 17025:2017

ID/Serial No : 1451164 P 5 - 1
Certificate No : MS/131156
Test/Cal Date : 6/21/2021
Test/Cal Due Date : 6/20/2022

Testing / Calibration Lab
Tel: 013-8024433 Mobile: 0500176475
Email: info@neo-co.com

National Engineering Organization Co.

ISO 9001:2015 ISO/IEC 17025:2017

ID/Serial No : C E M - S - 0 1
Certificate No : MS/131185
Test/Cal Date : 6/21/2021
Test/Cal Due Date : 6/20/2022

Testing / Calibration Lab
Tel: 013-8024433 Mobile: 0500176475
Email: info@neo-co.com

National Engineering Organization Co.

ISO 9001:2015 ISO/IEC 17025:2017

ID/Serial No : A G G - S - 0 1
Certificate No : MS/131154
Test/Cal Date : 6/21/2021
Test/Cal Due Date : 6/20/2022

Testing / Calibration Lab
Tel: 013-8024433 Mobile: 0500176475
Email: info@neo-co.com



المملكة العربية السعودية
Saudi Aramco



شركة مكن البناء للمقاولات
Within Construction Co.

TRANSMITTAL / APPROVAL FORM

PROJECT TITLE	SAUDI ARAMCO HOMEOWNERSHIP DEVELOPMENT, INCREMENT II, AL MUTRAFAH JUBAIL K.S.A.									
CONTRACTOR	Within Construction Co. P.O Box 3141 Jubail Industrial 35514 Saudi Arabia									
S.A. CONT. NO	6510928627	TRANSMITTAL / APPROVAL DETAILS								
SA CONT PACK NO	BI-28-15011	711	System / Lot #	- Villa Type	- DISCIPLINE	- ACTIVITY / ITEM	- FROM/TO	- DOCUMENT TYPE	- Number Series	REV.
R.C. JOB NO	711-Y02	711	ALL	CIVIL	Paving Tiles & Curbstones	WITHIN-HCO	Material Submittal			09
LOCATION	JUBAIL IND. CITY, MUTRAFAH	DATE PREPARED		12-Jan-2020						
PARCEL	F2	RC - SPECS		RC DRAWING						
HCO		SAPMT		ROYAL COMMISSION						
<input checked="" type="checkbox"/> CODE 1	<input checked="" type="checkbox"/> CODE 1	<input checked="" type="checkbox"/> CODE 1	Code 1 - Allow the Contractor to proceed							
<input type="checkbox"/> CODE 2	<input type="checkbox"/> CODE 2	<input type="checkbox"/> CODE 2	Code 2 - Allow the Contractor to proceed with Exceptions							
<input type="checkbox"/> CODE 3	<input type="checkbox"/> CODE 3	<input type="checkbox"/> CODE 3	Code 3 - Denotes not Approved							
<input type="checkbox"/> CODE 4	<input type="checkbox"/> CODE 4	<input type="checkbox"/> CODE 4	Code 4 - Denotes No review required							

ITEM DESCRIPTION / ACTIVITY

Material Submittal for Paving Tiles & Curbstones.

(Manufacturer/Supplier: Almoajil Cement Products plant)
for All Mosque

HCO/MST-C/0225/2020 Rev-00

FOR HCO USE ONLY

* PAVER THICKNESS TO BE USED 80 MM THK. (PROPOSED)
AS PER RC COMMENT IT SHOULD NOT BE LESSER THAN
65MM THK. CURBSTONE AS PER ARAMCO SPECIFICATIONS.
* SITE DEVELOPMENT PLAN FOR BOTH MOSQUES ARE
ATTACHED INCLUDING TYPICAL DETAILS.
* BROCHURES OF INTERLOCK PAVING TILE & CURBSTONES ALSO
PROVIDED FOR THE DIFFERENT TYPES OF PAVERS.
* FOR R.C. SELECTION & SAMPLE APPROVAL

FOR ROYAL COMMISSION USE/SAPMT USE

- SAPMT has no objection

CONTRACTOR		HCO		ROYAL COMM./SAPMT
TRANSMITTED BY		REVIEWED BY	APPROVED BY	REVIEWED BY REPRESENTATIVE
NAME	ENGR. MOHAMED AREF Project Manager	RAYMOND VIGORIN	SIMON JACOB Senior Projects Manager (HCO PMG, INC II)	SAUD AL-SAUD Lead Project Engineer (Saudi Aramco, INC II)
SIGNATURE				
DATE	12-Jan-2020	13/01/2020	13/01/2020	VAP 1-29-2020

CALIBRATION REPORT.

S.NO	DESCRIPTION	CALIBRATION DATE	DUE DATE
1	Aggregate+Sand Scale	21/06/2021	20/06/2022
2	Cement Scale Mix-1	21/06/2021	20/06/2022
3	Cement Scale Mix-2	21/06/2021	20/06/2022
4	Weighbridge	15/09/2020	15/09/2021
LABORATORY			
5	ADR 2000 Compressive Strength	06/07/2021	06/07/2022
6	ELE INTERNATIONAL Flexural Strength	06/07/2021	06/07/2022



QUALITY TEST ON MATERIAL & PRODUCTS

TECHNICAL DATA

Given here under is technical data for concrete Bricks Colour GREY Size 06 x 10 x 20 cm, which shall be manufactured by us in accordance with the following ASTM specifications:

- PORTLAND CEMENT** : Shall comply with specifications ASTM C150 for Portland Cement (Type V).
- COARSE AGGREGATE** : Consists of Durable Particles of Crushed Stone and Shall comply with ASTM C33.
- FINE AGGREGATE** : Natural Sand and Shall confirm to ASTM C33. It shall be free from injurious amount of Silt, Organic matter or other deleterious materials.
- MIXING WATER** : Shall be Free From Oil, Organic Matter or Other Deleterious Substances and shall not have excess Dissolved Solids, Chlorides as CL and Sulphates AS SO₃
- MIXING PROPORTION** : AGGREGATE CEMENT RATIO IS 4:1

FOR ALMOAJIL CEMENT PRODUCTS PLANT

ENG .NASSER A. AL QADER
PLANT MANAGER

TECHNICAL DATA

Given here under is technical data for concrete Bricks Colour RED Size 06 x 10 x 20 cm, which shall be manufactured by us in accordance with the following ASTM specifications:

- PORTLAND CEMENT** : Shall comply with specifications ASTM C150 for Portland Cement (Type V).
- COARSE AGGREGATE** : Consists of Durable Particles of Crushed Stone and Shall comply with ASTM C33.
- FINE AGGREGATE** : Natural Sand and Shall confirm to ASTM C33. It shall be free from injurious amount of Silt, Organic matter or other deleterious materials.
- MIXING WATER** : Shall be Free From Oil, Organic Matter or Other Deleterious Substances and shall not have excess Dissolved Solids, Chlorides as CL and Sulphates AS SO3
- MIXING PROPORTION** : AGGREGATE CEMENT RATIO IS 4:1

FOR ALMOAJIL CEMENT PRODUCTS PLANT

ENG .NASSER A. AL QADER
PLANT MANAGER

TECHNICAL DATA

Given here under is technical data for concrete Bricks Colour BALCK Size 06 x 10 x 20 cm, which shall be manufactured by us in accordance with the following ASTM specifications:

- PORTLAND CEMENT** : Shall comply with specifications ASTM C150 for Portland Cement (Type V).
- COARSE AGGREGATE** : Consists of Durable Particles of Crushed Stone and Shall comply with ASTM C33.
- FINE AGGREGATE** : Natural Sand and Shall confirm to ASTM C33. It shall be free from injurious amount of Silt, Organic matter or other deleterious materials.
- MIXING WATER** : Shall be Free From Oil, Organic Matter or Other Deleterious Substances and shall not have excess Dissolved Solids, Chlorides as CL and Sulphates AS SO3
- MIXING PROPORTION** : AGGREGATE CEMENT RATIO IS 4:1

FOR ALMOAJIL CEMENT PRODUCTS PLANT

ENG .NASSER A. AL QADER
PLANT MANAGER

TECHNICAL DATA

Given here under is technical data for concrete Bricks Colour YELLOW
Size 06 x 10 x 20 cm, which shall be manufactured by us in accordance
with the following ASTM specifications:

- PORTLAND CEMENT** : Shall comply with specifications ASTM C150 for Portland Cement (Type V).
- COARSE AGGREGATE** : Consists of Durable Particles of Crushed Stone and Shall comply with ASTM C33.
- FINE AGGREGATE** : Natural Sand and Shall confirm to ASTM C33. It shall be free from injurious amount of Silt, Organic matter or other deleterious materials.
- MIXING WATER** : Shall be Free From Oil, Organic Matter or Other Deleterious Substances and shall not have excess Dissolved Solids, Chlorides as CL and Sulphates AS SO3
- MIXING PROPORTION** : AGGREGATE CEMENT RATIO IS 4:1

FOR ALMOAJIL CEMENT PRODUCTS PLANT

ENG .NASSER A. AL QADER
PLANT MANAGER



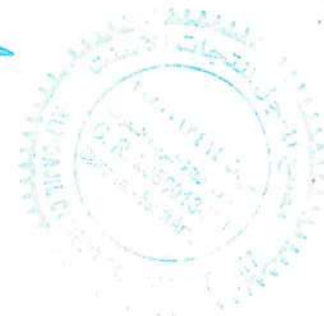
TECHNICAL DATA

Given here under is technical data for concrete Bricks Colour ORANGR
Size 06 x 10 x 20 cm, which shall be manufactured by us in accordance
with the following ASTM specifications:

- PORTLAND CEMENT** : Shall comply with specifications ASTM C150 for Portland Cement (Type V).
- COARSE AGGREGATE** : Consists of Durable Particles of Crushed Stone and Shall comply with ASTM C33.
- FINE AGGREGATE** : Natural Sand and Shall confirm to ASTM C33. It shall be free from injurious amount of Silt, Organic matter or other deleterious materials.
- MIXING WATER** : Shall be Free From Oil, Organic Matter or Other Deleterious Substances and shall not have excess Dissolved Solids, Chlorides as CL and Sulphates AS SO3
- MIXING PROPORTION** : AGGREGATE CEMENT RATIO IS 4:1

FOR ALMOAJIL CEMENT PRODUCTS PLANT

ENG .NASSER A. AL QADER
PLANT MANAGER



TECHNICAL DATA

Given here under is technical data for concrete Bricks Colour BEIGE Size 06 x 10 x 20 cm, which shall be manufactured by us in accordance with the following ASTM specifications:

- PORTLAND CEMENT** : Shall comply with specifications ASTM C150 for Portland Cement (Type V).
- COARSE AGGREGATE** : Consists of Durable Particles of Crushed Stone and Shall comply with ASTM C33.
- FINE AGGREGATE** : Natural Sand and Shall confirm to ASTM C33. It shall be free from injurious amount of Silt, Organic matter or other deleterious materials.
- MIXING WATER** : Shall be Free From Oil, Organic Matter or Other Deleterious Substances and shall not have excess Dissolved Solids, Chlorides as CL and Sulphates AS SO3
- MIXING PROPORTION** : AGGREGATE CEMENT RATIO IS 4:1

FOR ALMOAJIL CEMENT PRODUCTS PLANT

ENG .NASSER A. AL QADER
PLANT MANAGER

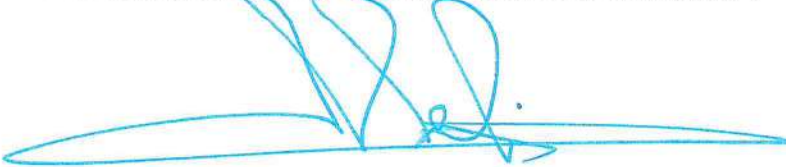


TECHNICAL DATA

Given here under is technical data for concrete Bricks Colour WHITE Size 06 x 10 x 20 cm, which shall be manufactured by us in accordance with the following ASTM specifications:

- PORTLAND CEMENT** : Shall comply with specifications ASTM C150 for Portland Cement (Type V).
- COARSE AGGREGATE** : Consists of Durable Particles of Crushed Stone and Shall comply with ASTM C33.
- FINE AGGREGATE** : Natural Sand and Shall confirm to ASTM C33. It shall be free from injurious amount of Silt, Organic matter or other deleterious materials.
- MIXING WATER** : Shall be Free From Oil, Organic Matter or Other Deleterious Substances and shall not have excess Dissolved Solids, Chlorides as CL and Sulphates AS SO3
- MIXING PROPORTION** : AGGREGATE CEMENT RATIO IS 4:1

FOR ALMOAJIL CEMENT PRODUCTS PLANT



ENG .NASSER A. AL QADER
PLANT MANAGER



TECHNICAL DATA

Given here under is technical data for concrete Bricks Colour RED Size 08 x 10 x 20 cm, which shall be manufactured by us in accordance with the following ASTM specifications:

- PORTLAND CEMENT** : Shall comply with specifications ASTM C150 for Portland Cement (Type V).
- COARSE AGGREGATE** : Consists of Durable Particles of Crushed Stone and Shall comply with ASTM C33.
- FINE AGGREGATE** : Natural Sand and Shall confirm to ASTM C33. It shall be free from injurious amount of Silt, Organic matter or other deleterious materials.
- MIXING WATER** : Shall be Free From Oil, Organic Matter or Other Deleterious Substances and shall not have excess Dissolved Solids, Chlorides as CL and Sulphates AS SO3
- MIXING PROPORTION** : AGGREGATE CEMENT RATIO IS 4:1

FOR ALMOAJIL CEMENT PRODUCTS PLANT

ENG .NASSER A. AL QADER
PLANT MANAGER



TECHNICAL DATA

Given here under is technical data for concrete Bricks Colour GREY Size 08 x 10 x 20 cm, which shall be manufactured by us in accordance with the following ASTM specifications:

- PORTLAND CEMENT** : Shall comply with specifications ASTM C150 for Portland Cement (Type V).
- COARSE AGGREGATE** : Consists of Durable Particles of Crushed Stone and Shall comply with ASTM C33.
- FINE AGGREGATE** : Natural Sand and Shall confirm to ASTM C33. It shall be free from injurious amount of Silt, Organic matter or other deleterious materials.
- MIXING WATER** : Shall be Free From Oil, Organic Matter or Other Deleterious Substances and shall not have excess Dissolved Solids, Chlorides as CL and Sulphates AS SO3
- MIXING PROPORTION** : AGGREGATE CEMENT RATIO IS 4:1

FOR ALMOAJIL CEMENT PRODUCTS PLANT

ENG .NASSER A. AL QADER
PLANT MANAGER



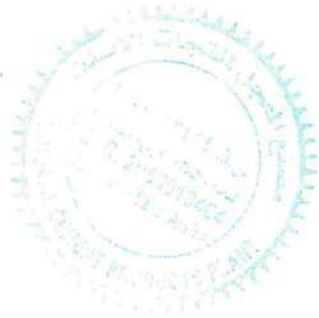
TECHNICAL DATA

Given here under is technical data for concrete Bricks Colour BALCK Size 08 x 10 x 20 cm, which shall be manufactured by us in accordance with the following ASTM specifications:

- PORTLAND CEMENT** : Shall comply with specifications ASTM C150 for Portland Cement (Type V).
- COARSE AGGREGATE** : Consists of Durable Particles of Crushed Stone and Shall comply with ASTM C33.
- FINE AGGREGATE** : Natural Sand and Shall confirm to ASTM C33. It shall be free from injurious amount of Silt, Organic matter or other deleterious materials.
- MIXING WATER** : Shall be Free From Oil, Organic Matter or Other Deleterious Substances and shall not have excess Dissolved Solids, Chlorides as CL and Sulphates AS SO3
- MIXING PROPORTION** : AGGREGATE CEMENT RATIO IS 4:1

FOR ALMOAJIL CEMENT PRODUCTS PLANT

ENG .NASSER A. AL QADER
PLANT MANAGER



TECHNICAL DATA

Given here under is technical data for concrete Bricks Colour YELLOW
Size 08 x 10 x 20 cm, which shall be manufactured by us in accordance
with the following ASTM specifications:

- PORTLAND CEMENT** : Shall comply with specifications ASTM C150 for Portland Cement (Type V).
- COARSE AGGREGATE** : Consists of Durable Particles of Crushed Stone and Shall comply with ASTM C33.
- FINE AGGREGATE** : Natural Sand and Shall confirm to ASTM C33. It shall be free from injurious amount of Silt, Organic matter or other deleterious materials.
- MIXING WATER** : Shall be Free From Oil, Organic Matter or Other Deleterious Substances and shall not have excess Dissolved Solids, Chlorides as CL and Sulphates AS SO3
- MIXING PROPORTION** : AGGREGATE CEMENT RATIO IS 4:1

FOR ALMOAJIL CEMENT PRODUCTS PLANT

ENG .NASSER A. AL QADER
PLANT MANAGER

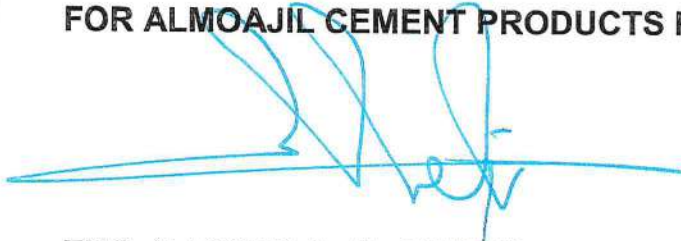


TECHNICAL DATA

Given here under is technical data for concrete Bricks Colour ORANGR
Siz 08 x 10 x 20 cm, which shall be manufactured by us in accordance with
the following ASTM specifications:

- PORTLAND CEMENT** : Shall comply with specifications ASTM C150 for Portland Cement (Type V).
- COARSE AGGREGATE** : Consists of Durable Particles of Crushed Stone and Shall comply with ASTM C33.
- FINE AGGREGATE** : Natural Sand and Shall confirm to ASTM C33. It shall be free from injurious amount of Silt, Organic matter or other deleterious materials.
- MIXING WATER** : Shall be Free From Oil, Organic Matter or Other Deleterious Substances and shall not have excess Dissolved Solids, Chlorides as CL and Sulphates AS SO3
- MIXING PROPORTION** : AGGREGATE CEMENT RATIO IS 4:1

FOR ALMOAJIL CEMENT PRODUCTS PLANT



ENG .NASSER A. AL QADER
PLANT MANAGER

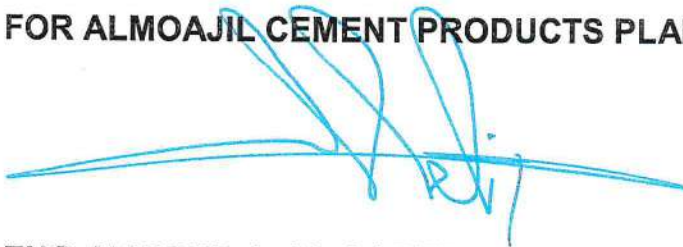


TECHNICAL DATA

Given here under is technical data for concrete Bricks Colour BEIGE Size 08 x 10 x 20 cm, which shall be manufactured by us in accordance with the following ASTM specifications:

- PORTLAND CEMENT** : Shall comply with specifications ASTM C150 for Portland Cement (Type V).
- COARSE AGGREGATE** : Consists of Durable Particles of Crushed Stone and Shall comply with ASTM C33.
- FINE AGGREGATE** : Natural Sand and Shall confirm to ASTM C33. It shall be free from injurious amount of Silt, Organic matter or other deleterious materials.
- MIXING WATER** : Shall be Free From Oil, Organic Matter or Other Deleterious Substances and shall not have excess Dissolved Solids, Chlorides as CL and Sulphates AS SO₃
- MIXING PROPORTION** : AGGREGATE CEMENT RATIO IS 4:1

FOR ALMOAJIL CEMENT PRODUCTS PLANT



ENG .NASSER A. AL QADER
PLANT MANAGER



TECHNICAL DATA

Given here under is technical data for concrete Bricks Color WHITE Size 08 x 10 x 20 cm, which shall be manufactured by us in accordance with the following ASTM specifications:

- PORTLAND CEMENT** : Shall comply with specifications ASTM C150 for Portland Cement (Type V).
- COARSE AGGREGATE** : Consists of Durable Particles of Crushed Stone and Shall comply with ASTM C33.
- FINE AGGREGATE** : Natural Sand and Shall confirm to ASTM C33. It shall be free from injurious amount of Silt, Organic matter or other deleterious materials.
- MIXING WATER** : Shall be Free From Oil, Organic Matter or Other Deleterious Substances and shall not have excess Dissolved Solids, Chlorides as CL and Sulphates AS SO3
- MIXING PROPORTION** : AGGREGATE CEMENT RATIO IS 4:1

FOR ALMOAJIL CEMENT PRODUCTS PLANT

ENG .NASSER A. AL QADER
PLANT MANAGER



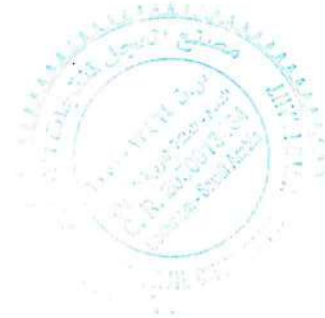
TECHNICAL DATA

Given Here Under Is Technical Data For Concrete Meba Grass Paver Size 11 x 40 x 60 cm, Which Shall Be Manufactured By Us In Accordance With The Following Astm Specifications:

- PORTLAND CEMENT** : Shall comply with specifications ASTM C150 for Portland Cement (Type I).
- COARSE AGGREGATE** : Consists of Durable Particles of Crushed Stone and Shall comply with ASTM C33.
- FINE AGGREGATE** : Natural Sand and Shall confirm to ASTM C33. It shall be free from injurious amount of Silt, Organic matter or other deleterious materials.
- MIXING WATER** : Shall be Free From Oil, Organic Matter or Other Deleterious Substances and shall not have excess Dissolved Solids, Chlorides as CL and Sulphates AS SO3
- MIXING PROPORTION** : AGGREGATE CEMENT RATIO IS 4:1

FOR ALMOAJIL CEMENT PRODUCTS PLANT

ENG .NASSER A. AL QADER
PLANT MANAGER



TECHNICAL DATA

CABLE MARKER SIZE 30 X 30 X 07 CM UNITS SHALL BE PRODUCED IN ACCORDANCE WITH THE FOLLOWING REFERENCES:

- CEMENT** : SHALL BE SULFATE RESISTANT CEMENT CONFORMING TO ASTM C150 TYPE 5 AS SPECIFIED.
- COARSE AGGREGATE** : Shall Be Of Natural Dense Stone Crushed And Graded To Size Conforming TO ASTM C33.
- FINE AGGREGATE** : Shall Be Of Natural Dune Sand Free From Deleterious Materials, Claylumps And Frayable Particles.
- WATER** : Shall Be From The Municipal Water Supply Free From Oils, Acids, Organic Matter Or Other Deleterious Substances, Excessive Chloride Sulfates And Dissolved Solids Etc.
- MIXING PROPORTION** : Aggregate Cement Ration Is 4:1
Water Cement Ratio Is 0.45 (Approximate)
- CURING** : Cured In Curing Chambers By Heat And Moisture Treatment Duration – 24 Hours.

For ALMOAJIL CEMENT PRODUCTS PLANT

ENG .NASSER A. AL QADER
PLANT MANAGER

TECHNICAL DATA

GREEN CABLE COVER SIZE 05 X 20 X 40 CM UNITS SHALL BE PRODUCED IN ACCORDANCE WITH THE FOLLOWING REFERENCES:

- CEMENT** : SHALL BE SULFATE RESISTANT CEMENT CONFORMING TO ASTM C150 TYPE 5 AS SPECIFIED.
- COARSE AGGREGATE** : Shall Be Of Natural Dense Stone Crushed And Graded To Size Conforming TO ASTM C33.
- FINE AGGREGATE** : Shall Be Of Natural Dune Sand Free From Deleterious Materials, Claylumps And Frayable Particles.
- WATER** : Shall Be From The Municipal Water Supply Free From Oils, Acids, Organic Matter Or Other Deleterious Substances, Excessive Chloride Sulfates And Dissolved Solids Etc.
- MIXING PROPORTION** : Aggregate Cement Ration Is 4:1
Water Cement Ratio Is 0.45 (Approximate)
- GREEN pigments cement** (bayferox 130)
RED pigments ratio is 125:1
- CURING** : Cured In Curing Chambers By Heat And Moisture Treatment Duration – 24 Hours.

For ALMOAJIL CEMENT PRODUCTS PLANT

ENG .NASSER A. AL QADER
PLANT MANAGER

TECHNICAL DATA

GREEN CABLE COVER SIZE 08 X 20 X 40 CM UNITS SHALL BE PRODUCED IN ACCORDANCE WITH THE FOLLOWING REFERENCES:

- CEMENT** : SHALL BE SULFATE RESISTANT CEMENT CONFORMING TO ASTM C150 TYPE 5 AS SPECIFIED.
- COARSE AGGREGATE** : Shall Be Of Natural Dense Stone Crushed And Graded To Size Conforming TO ASTM C33.
- FINE AGGREGATE** : Shall Be Of Natural Dune Sand Free From Deleterious Materials, Claylumps And Frayable Particles.
- WATER** : Shall Be From The Municipal Water Supply Free From Oils, Acids, Organic Matter Or Other Deleterious Substances, Excessive Chloride Sulfates And Dissolved Solids Etc.
- MIXING PROPORTION** : Aggregate Cement Ration Is 4:1
Water Cement Ratio Is 0.45 (Approximate)
- GREEN pigments cement** (bayferox 130)
RED pigments ratio is 125:1
- CURING** : Cured In Curing Chambers By Heat And Moisture Treatment Duration – 24 Hours.

For ALMOAJIL CEMENT PRODUCTS PLANT

ENG .NASSER A. AL QADER
PLANT MANAGER

TECHNICAL DATA

RED CABLE COVER SIZE 05 X 20 X 40 CM UNITS SHALL BE PRODUCED
IN ACCORDANCE WITH THE FOLLOWING REFERENCES:

- CEMENT** : SHALL BE SULFATE RESISTANT CEMENT CONFORMING TO
ASTM C150 TYPE 5 AS SPECIFIED.
- COARSE
AGGREGATE** : Shall Be Of Natural Dense Stone Crushed And Graded To Size
Conforming TO ASTM C33.
- FINE
AGGREGATE** : Shall Be Of Natural Dune Sand Free From Deleterious Materials,
Claylumps And Frayable Particles.
- WATER** : Shall Be From The Municipal Water Supply Free From Oils,
Acids, Organic Matter Or Other Deleterious Substances,
Excessive Chloride Sulfates And Dissolved Solids Etc.
- MIXING
PROPORTION** : Aggregate Cement Ration Is 4:1
Water Cement Ratio Is 0.45 (Approximate)
- GREEN pigments
cement** (bayferox 130)
RED pigments ratio is 125:1
- CURING** : Cured In Curing Chambers By Heat And Moisture Treatment
Duration – 24 Hours.

For ALMOAJIL CEMENT PRODUCTS PLANT

ENG .NASSER A. AL QADER
PLANT MANAGER

TECHNICAL DATA

RED CABLE COVER SIZE 08 X 20 X 40 CM UNITS SHALL BE PRODUCED
IN ACCORDANCE WITH THE FOLLOWING REFERENCES:

- CEMENT** : SHALL BE SULFATE RESISTANT CEMENT CONFORMING TO
ASTM C150 TYPE 5 AS SPECIFIED.
- COARSE
AGGREGATE** : Shall Be Of Natural Dense Stone Crushed And Graded To Size
Conforming TO ASTM C33.
- FINE
AGGREGATE** : Shall Be Of Natural Dune Sand Free From Deleterious Materials,
Claylumps And Frayable Particles.
- WATER** : Shall Be From The Municipal Water Supply Free From Oils,
Acids, Organic Matter Or Other Deleterious Substances,
Excessive Chloride Sulfates And Dissolved Solids Etc.
- MIXING
PROPORTION** : Aggregate Cement Ration Is 4:1
Water Cement Ratio Is 0.45 (Approximate)
- GREEN pigments
cement** (bayferox 130)
RED pigments ratio is 125:1
- CURING** : Cured In Curing Chambers By Heat And Moisture Treatment
Duration – 24 Hours.

For ALMOAJIL CEMENT PRODUCTS PLANT

ENG .NASSER A. AL QADER
PLANT MANAGER

TECHNICAL DATA

Given Here Under Is Technical Data For CURBSTONE Size 200X 300X500 MM , Which Shall Be Manufactured By Us In Accordance With The Following Specifications :

CEMENT : SHALL COMPLY WITH SPECIFICATION ASTM C150 FOR PORTLAND CEMENT (TYPE V)

COARSE AGGREGATE : Shall be of Natural Dense Stone Crushed and Graded to Size Confirming to ASTM C33

FINE AGGREGATE : Shall be Natural Dune Sand Free From Deleterious Materials, Claylumps and Frayable Particles

WATER : Shall be from the Municipal Water Supply Free from oil, Acids, Oraganic Matter or Other Deleterious Substances, Excessive Chloride Sulphates And Dissolved Solids Etc.

MIXING PROPORTION : Aggregate cement ratio is 4:1

Production : Produced In Automatic Stationary Machine

Curing : Cured IN Curing Chambers By Heat And Moisture Treatment Duration – 24 Hours.

COMPRESSIVE STRENGTH : More Than 30 MP A

For ALMOAJIL CEMENT PRODUCTS PLANT

ENG .NASSER A. AL QADER
PLANT MANAGER



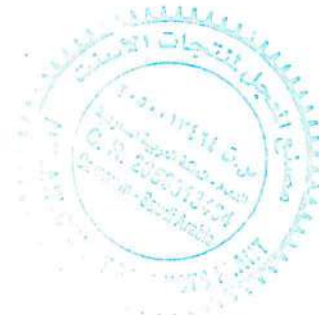
TECHNICAL DATA

Given Here Under Is Technical Data For CURBSTONE Size 190X 400X600 MM , Which Shall Be Manufactured By Us In Accordance With The Following Specifications :

- CEMENT** : SHALL COMPLY WITH SPECIFICATION ASTM C150 FOR PORTLAND CEMENT (TYPE V)
- COARSE AGGREGATE** : Shall be of Natural Dense Stone Crushed and Graded to Size Confirming to ASTM C33
- FINE AGGREGATE** : Shall be Natural Dune Sand Free From Deleterious Materials, Claylumps and Frayable Particles
- WATER** : Shall be from the Municipal Water Supply Free from oil, Acids, Oraganic Matter or Other Deleterious Substances, Excessive Chloride Sulphates And Dissolved Solids Etc.
- MIXING PROPORTION** : Aggregate cement ratio is 4:1
- Production** : Produced In Automatic Stationary Machine
- Curing** : Cured IN Curing Chambers By Heat And Moisture Treatment Duration – 24 Hours.

For ALMOAJIL CEMENT PRODUCTS PLANT

ENG .NASSER A. AL QADER
PLANT MANAGER



TECHNICAL DATA

Given Here Under Is Technical Data For CURBSTONE Size 15 X 30 X 91 Cm , Which Shall Be Manufactured By Us In Accordance With The Following Specifications :

- CEMENT** : SHALL COMPLY WITH SPECIFICATION ASTM C150 FOR PORTLAND CEMENT (TYPE V)
- COARSE AGGREGATE** : Shall be of Natural Dense Stone Crushed and Graded to Size Confirming to ASTM C33
- FINE AGGREGATE** : Shall be Natural Dune Sand Free From Deleterious Materials, Claylumps and Frayable Particles
- WATER** : Shall be from the Municipal Water Supply Free from oil, Acids, Oraganic Matter or Other Deleterious Substances, Excessive Chloride Sulphates And Dissolved Solids Etc.
- MIXING PROPORTION** : Aggregate cement ratio is 4:1
- Production** : Produced In Automatic Stationary Machine
- Curing** : Cured IN Curing Chambers By Heat And Moisture Treatment Duration – 24 Hours.

For ALMOAJIL CEMENT PRODUCTS PLANT

ENG .NASSER A. AL QADER
PLANT MANAGER



TECHNICAL DATA

Given Here Under Is Technical Data For CURBSTONE Size 10 X 30 X 50 Cm Which Shall Be Manufactured By Us In Accordance With The Following Specifications :

- CEMENT** : SHALL COMPLY WITH SPECIFICATION ASTM C150 FOR PORTLAND CEMENT (TYPE V)
- COARSE AGGREGATE** : Shall be of Natural Dense Stone Crushed and Graded to Size Confirming to ASTM C33
- FINE AGGREGATE** : Shall be Natural Dune Sand Free From Deleterious Materials, Claylumps and Frayable Particles
- WATER** : Shall be from the Municipal Water Supply Free from oil, Acids, Oraganic Matter or Other Deleterious Substances, Excessive Chloride Sulphates And Dissolved Solids Etc.
- MIXING PROPORTION** : Aggregate cement ratio is 4:1

For ALMOAJIL CEMENT PRODUCTS PLANT

ENG .NASSER A. AL QADER
PLANT MANAGER



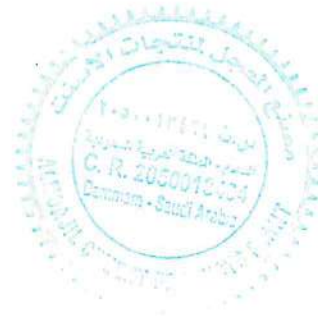
TECHNICAL DATA

Given Here Under Is Technical Data For CURBSTONE CORNER Size 10 X 30 X 25/25 Cm Which Shall Be Manufactured By Us In Accordance With The Following Specifications :

- CEMENT** : SHALL COMPLY WITH SPECIFICATION ASTM C150 FOR PORTLAND CEMENT (TYPE V)
- COARSE AGGREGATE** : Shall be of Natural Dense Stone Crushed and Graded to Size Confirming to ASTM C33
- FINE AGGREGATE** : Shall be Natural Dune Sand Free From Deleterious Materials, Claylumps and Frayable Particles
- WATER** : Shall be from the Municipal Water Supply Free from oil, Acids, Organic Matter or Other Deleterious Substances, Excessive Chloride Sulphates And Dissolved Solids Etc.
- MIXING PROPORTION** : Aggregate cement ratio is 4:1
- Production** : Produced In Automatic Stationary Machine
- Curing** : Cured IN Curing Chambers By Heat And Moisture Treatment Duration – 24 Hours.

For ALMOAJIL CEMENT PRODUCTS PLANT

ENG .NASSER A. AL QADER
PLANT MANAGER



TECHNICAL DATA

Given Here Under Is Technical Data For CURBSTONE Size 10 X 20 X 50 Cm , Which Shall Be Manufactured By Us In Accordance With The Following Specifications :

- CEMENT** : SHALL COMPLY WITH SPECIFICATION ASTM C150 FOR PORTLAND CEMENT (TYPE V)
- COARSE AGGREGATE** : Shall be of Natural Dense Stone Crushed and Graded to Size Confirming to ASTM C33
- FINE AGGREGATE** : Shall be Natural Dune Sand Free From Deleterious Materials, Claylumps and Frayable Particles
- WATER** : Shall be from the Municipal Water Supply Free from oil, Acids, Oraganic Matter or Other Deleterious Substances, Excessive Chloride Sulphates And Dissolved Solids Etc.
- MIXING PROPORTION** : Aggregate cement ratio is 4:1
- Production** : Produced In Automatic Stationary Machine
- Curing** : Cured IN Curing Chambers By Heat And Moisture Treatment Duration – 24 Hours.

For ALMOAJIL CEMENT PRODUCTS PLANT

ENG .NASSER A. AL QADER
PLANT MANAGER



TECHNICAL DATA

Parking Bumper Size 12 X 18 X 100 CM Units Shall Be Produced In Accordance With The Following References:

- CEMENT** : SHALL BE SULFATE RESISTANT CEMENT CONFORMING TO ASTM C150 TYPE 5 AS SPECIFIED.
- COARSE AGGREGATE** : Shall Be Of Natural Dense Stone Crushed And Graded To Size Conforming TO ASTM C33.
- FINE AGGREGATE** : Shall Be Of Natural Dune Sand Free From Deleterious Materials, Claylumps And Frayable Particles.
- WATER** : Shall Be From The Municipal Water Supply Free From Oils, Acids, Organic Matter Or Other Deleterious Substances, Excessive Chloride Sulfates And Dissolved Solids Etc.
- MIXING PROPORTION** : Aggregate Cement Ration Is 4:1
Water Cement Ratio Is 0.45 (Approximate)
- GREEN pigments cement** (bayferox 130)
RED pigments ratio is 125:1
- PRODUCTION** : Produced In Automatic Stationary Machine
- CURING** : Cured In Curing Chambers By Heat And Moisture Treatment Duration – 24 Hours.

For ALMOAJIL CEMENT PRODUCTS PLANT

ENG .NASSER A. AL QADER
PLANT MANAGER



TECHNICAL DATA

Parking Bumper Size 15 X 20 X100 CM Units Shall Be Produced In Accordance With The Following References:

- CEMENT** : SHALL BE SULFATE RESISTANT CEMENT CONFORMING TO ASTM C150 TYPE 5 AS SPECIFIED.
- COARSE AGGREGATE** : Shall Be Of Natural Dense Stone Crushed And Graded To Size Conforming TO ASTM C33.
- FINE AGGREGATE** : Shall Be Of Natural Dune Sand Free From Deleterious Materials, Claylumps And Frayable Particles.
- WATER** : Shall Be From The Municipal Water Supply Free From Oils, Acids, Organic Matter Or Other Deleterious Substances, Excessive Chloride Sulfates And Dissolved Solids Etc.
- MIXING PROPORTION** : Aggregate Cement Ration Is 4:1
Water Cement Ratio Is 0.45 (Approximate)
- GREEN pigments cement** (bayferox 130)
RED pigments ratio is 125:1
- PRODUCTION** : Produced In Automatic Stationary Machine
- CURING** : Cured In Curing Chambers By Heat And Moisture Treatment Duration – 24 Hours.

For ALMOAJIL CEMENT PRODUCTS PLANT

ENG .NASSER A. AL QADER
PLANT MANAGER



TECHNICAL DATA

Parking Bumper Size 15 X 20 X180 CM Units Shall Be Produced In Accordance With The Following References:

- CEMENT** : SHALL BE SULFATE RESISTANT CEMENT CONFORMING TO ASTM C150 TYPE 5 AS SPECIFIED.
- COARSE AGGREGATE** : Shall Be Of Natural Dense Stone Crushed And Graded To Size Conforming TO ASTM C33.
- FINE AGGREGATE** : Shall Be Of Natural Dune Sand Free From Deleterious Materials, Claylumps And Frayable Particles.
- WATER** : Shall Be From The Municipal Water Supply Free From Oils, Acids, Organic Matter Or Other Deleterious Substances, Excessive Chloride Sulfates And Dissolved Solids Etc.
- MIXING PROPORTION** : Aggregate Cement Ration Is 4:1
Water Cement Ratio Is 0.45 (Approximate)
- GREEN pigments cement** (bayferox 130)
RED pigments ratio is 125:1
- PRODUCTION** : Produced In Automatic Stationary Machine
- CURING** : Cured In Curing Chambers By Heat And Moisture Treatment Duration – 24 Hours.

For ALMOAJIL CEMENT PRODUCTS PLANT

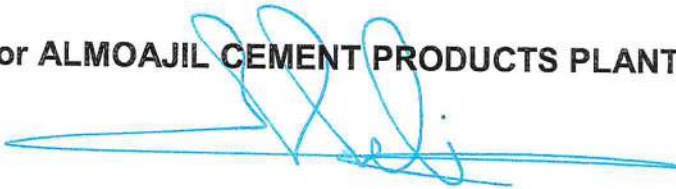
ENG .NASSER A. AL QADER
PLANT MANAGER

TECHNICAL DATA

Given Here Under Is Technical Data For CURBSTONE Size 15 X 30 X 50 Cm , Which Shall Be Manufactured By Us In Accordance With The Following Specifications :

- CEMENT** : SHALL COMPLY WITH SPECIFICATION ASTM C150 FOR PORTLAND CEMENT (TYPE V)
- COARSE AGGREGATE** : Shall be of Natural Dense Stone Crushed and Graded to Size Confirming to ASTM C33
- FINE AGGREGATE** : Shall be Natural Dune Sand Free From Deleterious Materials, Claylumps and Frayable Particles
- WATER** : Shall be from the Municipal Water Supply Free from oil, Acids, Organic Matter or Other Deleterious Substances, Excessive Chloride Sulphates And Dissolved Solids Etc.
- MIXING PROPORTION** : Aggregate cement ratio is 4:1
- Production** : Produced In Automatic Stationary Machine
- Curing** : Cured IN Curing Chambers By Heat And Moisture Treatment Duration – 24 Hours.

For ALMOAJIL CEMENT PRODUCTS PLANT



ENG .NASSER A. AL QADER
PLANT MANAGER



TECHNICAL DATA

Given Here Under Is Technical Data For CURBSTONE Size 10 X 30 X 50 Cm, Which Shall Be Manufactured By Us In Accordance With The Following Specifications :

- CEMENT** : SHALL COMPLY WITH SPECIFICATION ASTM C150 FOR PORTLAND CEMENT (TYPE V)
- COARSE AGGREGATE** : Shall be of Natural Dense Stone Crushed and Graded to Size Confirming to ASTM C33
- FINE AGGREGATE** : Shall be Natural Dune Sand Free From Deleterious Materials, Claylumps and Frayable Particles
- WATER** : Shall be from the Municipal Water Supply Free from oil, Acids, Organic Matter or Other Deleterious Substances, Excessive Chloride Sulphates And Dissolved Solids Etc.
- MIXING PROPORTION** : Aggregate cement ratio is 4:1
- Production** : Produced In Automatic Stationary Machine
- Curing** : Cured IN Curing Chambers By Heat And Moisture Treatment Duration – 24 Hours.

For ALMOAJIL CEMENT PRODUCTS PLANT

ENG .NASSER A. AL QADER
PLANT MANAGER



TECHNICAL DATA

Given here under is technical data for concrete V-PAVER 06X14.5X14.5CM WHITE, which shall be manufactured by us in accordance with the following ASTM specifications:

- PORTLAND CEMENT** : Shall comply with specifications ASTM C150 for Portland Cement (Type V).
- COARSE AGGREGATE** : Consists of Durable Particles of Crushed Stone and Shall comply with ASTM C33.
- FINE AGGREGATE** : Natural Sand and Shall confirm to ASTM C33. It shall be free from injurious amount of Silt, Organic matter or other deleterious materials.
- MIXING WATER** : Shall be Free From Oil, Organic Matter or Other Deleterious Substances and shall not have excess Dissolved Solid Chlorides as CL and Sulphates AS SO₃
- MIXING PROPORTION** : AGGREGATE CEMENT RATIO IS 4:1

FOR ALMOAJIL CEMENT PRODUCTS PLANT


ENG. NASSER A. AL QADER
PLANT GENERAL MANAGER

TECHNICAL DATA

Given here under is technical data for concrete V-PAVER 06X14.5X14.5CM YELLOW, which shall be manufactured by us in accordance with the following ASTM specifications:

- PORTLAND CEMENT : Shall comply with specifications ASTM C150 for Portland Cement (Type V).
- COARSE AGGREGATE : Consists of Durable Particles of Crushed Stone and Shall comply with ASTM C33.
- FINE AGGREGATE : Natural Sand and Shall confirm to ASTM C33. It shall be free from injurious amount of Silt, Organic matter or other deleterious materials.
- MIXING WATER : Shall be Free From Oil, Organic Matter or Other Deleterious Substances and shall not have excess Dissolved Solid Chlorides as CL and Sulphates AS SO₃
- MIXING PROPORTION : AGGREGATE CEMENT RATIO IS 4:1

FOR ALMOAJIL CEMENT PRODUCTS PLANT



ENG .NASSER A. AL QADER
PLANT GENERAL MANAGER

TECHNICAL DATA

Given here under is technical data for concrete V-PAVER 06X14.5X14.5CM RED, which shall be manufactured by us in accordance with the following ASTM specifications:

- PORTLAND CEMENT** : Shall comply with specifications ASTM C150 for Portland Cement (Type V).
- COARSE AGGREGATE** : Consists of Durable Particles of Crushed Stone and Shall comply with ASTM C33.
- FINE AGGREGATE** : Natural Sand and Shall confirm to ASTM C33. It shall be free from injurious amount of Silt, Organic matter or other deleterious materials.
- MIXING WATER** : Shall be Free From Oil, Organic Matter or Other Deleterious Substances and shall not have excess Dissolved Solid Chlorides as CL and Sulphates AS SO₃
- MIXING PROPORTION** : AGGREGATE CEMENT RATIO IS 4:1

FOR ALMOAJIL CEMENT PRODUCTS PLANT


ENG. NASSER A. AL QADER
PLANT GENERAL MANAGER

TECHNICAL DATA

Given here under is technical data for concrete V-PAVER 08X19.5X19.5CM WHITE, which shall be manufactured by us in accordance with the following ASTM specifications:

- PORTLAND CEMENT** : Shall comply with specifications ASTM C150 for Portland Cement (Type V).
- COARSE AGGREGATE** : Consists of Durable Particles of Crushed Stone and Shall comply with ASTM C33.
- FINE AGGREGATE** : Natural Sand and Shall confirm to ASTM C33. It shall be free from injurious amount of Silt, Organic matter or other deleterious materials.
- MIXING WATER** : Shall be Free From Oil, Organic Matter or Other Deleterious Substances and shall not have excess Dissolved Solid Chlorides as CL and Sulphates AS SO₃
- MIXING PROPORTION** : AGGREGATE CEMENT RATIO IS 4:1

FOR ALMOAJIL CEMENT PRODUCTS PLANT


ENG. NASSER A. AL QADER
PLANT GENERAL MANAGER

TECHNICAL DATA

Given here under is technical data for concrete V-PAVER 08X19.5X19.5CM DARK GREY, which shall be manufactured by us in accordance with the following ASTM specifications:

- PORTLAND CEMENT** : Shall comply with specifications ASTM C150 for Portland Cement (Type V).
- COARSE AGGREGATE** : Consists of Durable Particles of Crushed Stone and Shall comply with ASTM C33.
- FINE AGGREGATE** : Natural Sand and Shall confirm to ASTM C33. It shall be free from injurious amount of Silt, Organic matter or other deleterious materials.
- MIXING WATER** : Shall be Free From Oil, Organic Matter or Other Deleterious Substances and shall not have excess Dissolved Solid Chlorides as CL and Sulphates AS SO₃
- MIXING PROPORTION** : AGGREGATE CEMENT RATIO IS 4:1

FOR ALMOAJIL CEMENT PRODUCTS PLANT


ENG. NASSER A. AL QADER
PLANT GENERAL MANAGER

TECHNICAL DATA

Given here under is technical data for concrete V-PAVER 06X14.5X14.5CM WHITE, which shall be manufactured by us in accordance with the following ASTM specifications:

- PORTLAND CEMENT : Shall comply with specifications ASTM C150 for Portland Cement (Type V).
- COARSE AGGREGATE : Consists of Durable Particles of Crushed Stone and Shall comply with ASTM C33.
- FINE AGGREGATE : Natural Sand and Shall confirm to ASTM C33. It shall be free from injurious amount of Silt, Organic matter or other deleterious materials.
- MIXING WATER : Shall be Free From Oil, Organic Matter or Other Deleterious Substances and shall not have excess Dissolved Solid Chlorides as CL and Sulphates AS SO₃
- MIXING PROPORTION : AGGREGATE CEMENT RATIO IS 4:1

FOR ALMOAJIL CEMENT PRODUCTS PLANT

ENG .NASSER A. AL QADER
PLANT GENERAL MANAGER

TECHNICAL DATA

Given here under is technical data for concrete V-PAVER 08X19.5X19.5CM LIGHT GREY, which shall be manufactured by us in accordance with the following ASTM specifications:

- PORTLAND CEMENT** : Shall comply with specifications ASTM C150 for Portland Cement (Type V).
- COARSE AGGREGATE** : Consists of Durable Particles of Crushed Stone and Shall comply with ASTM C33.
- FINE AGGREGATE** : Natural Sand and Shall confirm to ASTM C33. It shall be free from injurious amount of Silt, Organic matter or other deleterious materials.
- MIXING WATER** : Shall be Free From Oil, Organic Matter or Other Deleterious Substances and shall not have excess Dissolved Solid Chlorides as CL and Sulphates AS SO₃
- MIXING PROPORTION** : AGGREGATE CEMENT RATIO IS 4:1

FOR ALMOAJIL CEMENT PRODUCTS PLANT


ENG. NASSER A. AL QADER
PLANT GENERAL MANAGER

TECHNICAL DATA

Given here under is technical data for concrete PAVING TILES 40X40X05CM WHITE COLOR, which shall be manufactured by us in accordance with the following ASTM specifications:

- PORTLAND CEMENT** : Shall comply with specifications ASTM C150 for Portland Cement (Type V).
- COARSE AGGREGATE** : Consists of Durable Particles of Crushed Stone and Shall comply with ASTM C33.
- FINE AGGREGATE** : Natural Sand and Shall confirm to ASTM C33. It shall be free from injurious amount of Silt, Organic matter or other deleterious materials.
- MIXING WATER** : Shall be Free From Oil, Organic Matter or Other Deleterious Substances and shall not have excess Dissolved Solid Chlorides as CL and Sulphates AS SO3
- MIXING PROPORTION** : AGGREGATE CEMENT RATIO IS 4:1

FOR ALMOAJIL CEMENT PRODUCTS PLANT


ENG .NASSER A. AL QADER
PLANT GENERAL MANAGER

TECHNICAL DATA

Given here under is technical data for concrete QUADRO PAVER D 06X08X08CM RED, which shall be manufactured by us in accordance with the following ASTM specifications:

- PORTLAND CEMENT** : Shall comply with specifications ASTM C150 for Portland Cement (Type V).
- COARSE AGGREGATE** : Consists of Durable Particles of Crushed Stone and Shall comply with ASTM C33.
- FINE AGGREGATE** : Natural Sand and Shall confirm to ASTM C33. It shall be free from injurious amount of Silt, Organic matter or other deleterious materials.
- MIXING WATER** : Shall be Free From Oil, Organic Matter or Other Deleterious Substances and shall not have excess Dissolved Solid Chlorides as CL and Sulphates AS SO3
- MIXING PROPORTION** : AGGREGATE CEMENT RATIO IS 4:1

FOR ALMOAJIL CEMENT PRODUCTS PLANT


ENG .NASSER A. AL QADER
PLANT GENERAL MANAGER

TECHNICAL DATA

Given Here Under Is Technical Data For Concrete P Size 06 x 20 x 20 Cm,
Which Shall Be Manufactured By Us In Accordance With The Following
ASTM Specifications:

PORTLAND CEMENT : Shall comply with specifications ASTM C150 for Portland Cement (Type V).

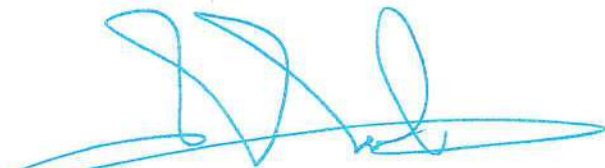
COARSE AGGREGATE : Consists of Durable Particles of Crushed Stone and Shall comply with ASTM C33.

FINE AGGREGATE : Natural Sand and Shall confirm to ASTM C33. It shall be free from injurious amount of Silt, Organic matter or other deleterious materials.

MIXING WATER : Shall be Free From Oil, Organic Matter or Other Deleterious Substances and shall not have excess Dissolved Solids Chlorides as CL and Sulphates AS SO₃

MIXING PROPORTION : AGGREGATE CEMENT RATIO IS 4:1

FOR ALMOAJIL CEMENT PRODUCTS PLANT



ENG .NASSER A. AL QADER
PLANT MANAGER

TECHNICAL DATA

Given Here Under Is Technical Data For Concrete Bricks Size 08 x 20 x20 Cm, Which Shall Be Manufactured By Us In Accordance With The Following ASTM Specifications:

- PORTLAND CEMENT** : Shall comply with specifications ASTM C150 for Portland Cement (Type V).
- COARSE AGGREGATE** : Consists of Durable Particles of Crushed Stone and Shall comply with ASTM C33.
- FINE AGGREGATE** : Natural Sand and Shall confirm to ASTM C33. It shall be free from injurious amount of Silt, Organic matter or other deleterious materials.
- MIXING WATER** : Shall be Free From Oil, Organic Matter or Other Deleterious Substances and shall not have excess Dissolved Solids Chlorides as CL and Sulphates AS SO₃
- MIXING PROPORTION** : AGGREGATE CEMENT RATIO IS 4:1

FOR ALMOAJIL CEMENT PRODUCTS PLANT

ENG .NASSER A. AL QADER
PLANT MANAGER

TECHNICAL DATA

**BRICKS 3-D Concrete Masonry Unit Shall Be Produced In Accordance With
Astm C90 With The Following References:**

- CEMENT** : Shall Be Ordinary Portland Cement Conforming to ASTM C150
Type 1 or Type 5 Specified
- COARSE AGGREGATE** : Shall Be Of Natural Dense Stone Crushed And Graded To Size
Conforming TO ASTM C33
- FINE AGGREGATE** : Shall Be Of Natural Dune Sand Free From Deleterious Materials,
Claylumps And Frayable Particles.
- WATER** : Shall Be From The Municipal Water Supply Free From Oils,
Acids, Organic Matter Or Other Deleterious Substances,
Excessive Chloride Sulfates And Dissolved Solids Etc.
- MIXING PROPORTION** : Aggregate Cement Ration Is 4:1
Water Cement Ratio Is 0.45 (Approximate)
- Red pigments cement** (bayferox 130)
red pigments ratio is 125:1
- PRODUCTION** : Produced In Automatic Stationary Machine
- CURING** : Cured In Curing Chambers By Heat And Moisture Treatment
Duration – 24 Hours.

For ALMOAJIL CEMENT PRODUCTS PLANT

ENG .NASSER A. AL QADER
PLANT MANAGER



TECHNICAL DATA

V-PAVER Concrete Masonry Unit Shall Be Produced In Accordance With
Astm C90 With The Following References:

- CEMENT** : Shall Be Ordinary Portland Cement Conforming to ASTM C150
Type 1 or Type 5 Specified
- COARSE AGGREGATE** : Shall Be Of Natural Dense Stone Crushed And Graded To Size
Conforming TO ASTM C33
- FINE AGGREGATE** : Shall Be Of Natural Dune Sand Free From Deleterious Materials,
Claylumps And Frayable Particles.
- WATER** : Shall Be From The Municipal Water Supply Free From Oils,
Acids, Organic Matter Or Other Deleterious Substances,
Excessive Chloride Sulfates And Dissolved Solids Etc.
- MIXING PROPORTION** : Aggregate Cement Ration Is 4:1
Water Cement Ratio Is 0.45 (Approximate)
- Red pigments cement** (bayferox 130)
red pigments ratio is 125:1
- PRODUCTION** : Produced In Automatic Stationary Machine
- CURING** : Cured In Curing Chambers By Heat And Moisture Treatment
Duration – 24 Hours.

For ALMOAJIL CEMENT PRODUCTS PLANT

ENG .NASSER A. AL QADER
PLANT MANAGER



TECHNICAL DATA

Given Here Under Is Technical Data For TILES 500 X 500 X 500 MM , Which Shall Be Manufactured By Us In Accordance With The Following ASTM Specifications:

- PORTLAND CEMENT** : Shall comply with specifications ASTM C150 for Portland Cement (Type V).
- COARSE AGGREGATE** : Consists of Durable Particles of Crushed Stone and Shall comply with ASTM C33.
- FINE AGGREGATE** : Natural Sand and Shall confirm to ASTM C33. It shall be free from injurious amount of Silt, Organic matter or other deleterious materials.
- MIXING WATER** : Shall be Free From Oil, Organic Matter or Other Deleterious Substances and shall not have excess Dissolved Solids, Chlorides as CL and Sulphates AS SO₃
- MIXING PROPORTION** : AGGREGATE CEMENT RATIO IS 4:1
- PRODUCTION** : Produced in Automatic Stationary Machine
- CURING** : Cured in Curing Chambers by Heat and Moisture Treatment Duration – 24 Hours.

FOR ALMOAJIL CEMENT PRODUCTS PLANT

ENG .NASSER A. AL QADER
PLANT MANAGER



TECHNICAL DATA

Given Here Under Is Technical Data For TILES 600 X 600 X 600 MM , Which Shall Be Manufactured By Us In Accordance With The Following ASTM Specifications:

PORTLAND CEMENT : Shall comply with specifications ASTM C150 for Portland Cement (Type V).

COARSE AGGREGATE : Consists of Durable Particles of Crushed Stone and Shall comply with ASTM C33.

FINE AGGREGATE : Natural Sand and Shall confirm to ASTM C33. It shall be free from injurious amount of Silt, Organic matter or other deleterious materials.

MIXING WATER : Shall be Free From Oil, Organic Matter or Other Deleterious Substances and shall not have excess Dissolved Solids, Chlorides as CL and Sulphates AS SO₃

MIXING PROPORTION : AGGREGATE CEMENT RATIO IS 4:1

PRODUCTION : Produced in Automatic Stationary Machine

CURING : Cured in Curing Chambers by Heat and Moisture Treatment Duration – 24 Hours.

FOR ALMOAJIL CEMENT PRODUCTS PLANT

ENG .NASSER A. AL QADER
PLANT MANAGER



TECHNICAL DATA

Given Here Under Is Technical Data For TILES 800 X 400 X 600 MM , Which Shall Be Manufactured By Us In Accordance With The Following ASTM Specifications:

**PORTLAND
CEMENT**

: Shall comply with specifications ASTM C150 for Portland Cement (Type V).

**COARSE
AGGREGATE**

: Consists of Durable Particles of Crushed Stone and Shall comply with ASTM C33.

**FINE
AGGREGATE**

: Natural Sand and Shall confirm to ASTM C33. It shall be free from injurious amount of Silt, Organic matter or other deleterious materials.

MIXING WATER

: Shall be Free From Oil, Organic Matter or Other Deleterious Substances and shall not have excess Dissolved Solids, Chlorides as CL and Sulphates AS SO₃

**MIXING
PROPORTION**

: AGGREGATE CEMENT RATIO IS 4:1

PRODUCTION

: Produced in Automatic Stationary Machine

CURING

: Cured in Curing Chambers by Heat and Moisture Treatment Duration – 24 Hours.

FOR ALMOAJIL CEMENT PRODUCTS PLANT

ENG .NASSER A. AL QADER
PLANT MANAGER



TECHNICAL DATA

Given Here Under Is Technical Data For TILES 800 X 800 X 600 MM , Which Shall Be Manufactured By Us In Accordance With The Following ASTM Specifications:

- PORTLAND CEMENT** : Shall comply with specifications ASTM C150 for Portland Cement (Type V).
- COARSE AGGREGATE** : Consists of Durable Particles of Crushed Stone and Shall comply with ASTM C33.
- FINE AGGREGATE** : Natural Sand and Shall confirm to ASTM C33. It shall be free from injurious amount of Silt, Organic matter or other deleterious materials.
- MIXING WATER** : Shall be Free From Oil, Organic Matter or Other Deleterious Substances and shall not have excess Dissolved Solids, Chlorides as CL and Sulphates AS SO₃
- MIXING PROPORTION** : AGGREGATE CEMENT RATIO IS 4:1
- PRODUCTION** : Produced in Automatic Stationary Machine
- CURING** : Cured in Curing Chambers by Heat and Moisture Treatment Duration – 24 Hours.

FOR ALMOAJIL CEMENT PRODUCTS PLANT

ENG .NASSER A. AL QADER
PLANT MANAGER



TECHNICAL DATA

Paving Tiles 400 x 400 x 40 mm Concrete Masonry Units Shall be produced in Accordance with ASTM C90 with the following references:

- CEMENT** : Shall be ordinary Portland Cement conforming to ASTM C150 type 1 or type 5 specified.
- COARSE AGGREGATE** : Shall be of natural Dense Stone Crushed and Graded to Size conforming to ASTM C33
- FINE AGGREGATE** : Shall be of Natural Dune Sand free from deleterious Materials, Claylumps and Frayable Particles.
- WATER** : Shall be from the municipal water supply free from Oils, Acids, Organic matter or other Deleterious Substances Excessive Chloride Sulfates and Dissolved Solids Etc.
- PRODUCTION** : Produced in Automatic Stationary Machine
- CURING** : Cured in Curing Chambers by Heat and Moisture Treatment Duration – 24 Hours.

For ALMOAJIL CEMENT PRODUCTS PLANT

ENG .NASSER A. AL QADER
PLANT MANAGER



TECHNICAL DATA

Given here under is technical data for concrete UNI - PAVERS Colour RED
Size 10 x 11 x 22 cm, which shall be manufactured by us in accordance
with the following ASTM specifications:

- PORTLAND CEMENT** : Shall comply with specifications ASTM C150 for Portland Cement (Type V).
- COARSE AGGREGATE** : Consists of Durable Particles of Crushed Stone and Shall comply with ASTM C33.
- FINE AGGREGATE** : Natural Sand and Shall confirm to ASTM C33. It shall be free from injurious amount of Silt, Organic matter or other deleterious materials.
- MIXING WATER** : Shall be Free From Oil, Organic Matter or Other Deleterious Substances and shall not have excess Dissolved Solids, Chlorides as CL and Sulphates AS SO3
- MIXING PROPORTION** : AGGREGATE CEMENT RATIO IS 4:1

FOR ALMOAJIL CEMENT PRODUCTS PLANT

ENG .NASSER A. AL QADER
PLANT MANAGER

TECHNICAL DATA

Given here under is technical data for concrete UNI-PAVERS Colour YELLOW Size 08 x 11 x 22 cm, which shall be manufactured by us in accordance with the following ASTM specifications:

- PORTLAND CEMENT** : Shall comply with specifications ASTM C150 for Portland Cement (Type V).
- COARSE AGGREGATE** : Consists of Durable Particles of Crushed Stone and Shall comply with ASTM C33.
- FINE AGGREGATE** : Natural Sand and Shall confirm to ASTM C33. It shall be free from injurious amount of Silt, Organic matter or other deleterious materials.
- MIXING WATER** : Shall be Free From Oil, Organic Matter or Other Deleterious Substances and shall not have excess Dissolved Solids, Chlorides as CL and Sulphates AS SO₃
- MIXING PROPORTION** : AGGREGATE CEMENT RATIO IS 4:1

FOR ALMOAJIL CEMENT PRODUCTS PLANT

ENG .NASSER A. AL QADER
PLANT MANAGER



TECHNICAL DATA

Given here under is technical data for concrete UNI - PAVERS Colour RED
Size 08 x 11 x 22 cm, which shall be manufactured by us in accordance
with the following ASTM specifications:

- PORTLAND CEMENT** : Shall comply with specifications ASTM C150 for Portland Cement (Type V).
- COARSE AGGREGATE** : Consists of Durable Particles of Crushed Stone and Shall comply with ASTM C33.
- FINE AGGREGATE** : Natural Sand and Shall confirm to ASTM C33. It shall be free from injurious amount of Silt, Organic matter or other deleterious materials.
- MIXING WATER** : Shall be Free From Oil, Organic Matter or Other Deleterious Substances and shall not have excess Dissolved Solids, Chlorides as CL and Sulphates AS SO3
- MIXING PROPORTION** : AGGREGATE CEMENT RATIO IS 4:1

FOR ALMOAJIL CEMENT PRODUCTS PLANT

ENG .NASSER A. AL QADER
PLANT MANAGER

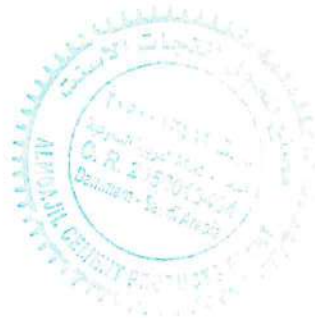
TECHNICAL DATA

Given here under is technical data for concrete UNI-PAVERS Colour YELLOW Size 10 x 11 x 22 cm, which shall be manufactured by us in accordance with the following ASTM specifications:

- PORTLAND CEMENT** : Shall comply with specifications ASTM C150 for Portland Cement (Type V).
- COARSE AGGREGATE** : Consists of Durable Particles of Crushed Stone and Shall comply with ASTM C33.
- FINE AGGREGATE** : Natural Sand and Shall confirm to ASTM C33. It shall be free from injurious amount of Silt, Organic matter or other deleterious materials.
- MIXING WATER** : Shall be Free From Oil, Organic Matter or Other Deleterious Substances and shall not have excess Dissolved Solids, Chlorides as CL and Sulphates AS SO₃
- MIXING PROPORTION** : AGGREGATE CEMENT RATIO IS 4:1

FOR ALMOAJIL CEMENT PRODUCTS PLANT

ENG .NASSER A. AL QADER
PLANT MANAGER



TECHNICAL DATA

Given Here Under Is Technical Data For Concrete Bricks Colour ORANGE
Size 10 X 10 X 20 Cm, Which Shall Be Manufactured By Us In Accordance
With The Following ASTM Specifications:

- PORTLAND CEMENT** : Shall comply with specifications ASTM C150 for Portland Cement (Type V).
- COARSE AGGREGATE** : Consists of Durable Particles of Crushed Stone and Shall comply with ASTM C33.
- FINE AGGREGATE** : Natural Sand and Shall confirm to ASTM C33. It shall be free from injurious amount of Silt, Organic matter or other deleterious materials.
- MIXING WATER** : Shall be Free From Oil, Organic Matter or Other Deleterious Substances and shall not have excess Dissolved Solids, Chlorides as CL and Sulphates AS SO₃
- MIXING PROPORTION** : AGGREGATE CEMENT RATIO IS 4:1

FOR ALMOAJIL CEMENT PRODUCTS PLANT

ENG .NASSER A. AL QADER
PLANT MANAGER

TECHNICAL DATA

Given here under is technical data for concrete Bricks Colour YELLOW
Size 10 x 10 x 20 cm, which shall be manufactured by us in accordance
with the following ASTM specifications:

- PORTLAND CEMENT** : Shall comply with specifications ASTM C150 for Portland Cement (Type V).
- COARSE AGGREGATE** : Consists of Durable Particles of Crushed Stone and Shall comply with ASTM C33.
- FINE AGGREGATE** : Natural Sand and Shall confirm to ASTM C33. It shall be free from injurious amount of Silt, Organic matter or other deleterious materials.
- MIXING WATER** : Shall be Free From Oil, Organic Matter or Other Deleterious Substances and shall not have excess Dissolved Solids, Chlorides as CL and Sulphates AS SO₃
- MIXING PROPORTION** : AGGREGATE CEMENT RATIO IS 4:1

FOR ALMOAJIL CEMENT PRODUCTS PLANT


ENG .NASSER A. AL QADER
PLANT MANAGER

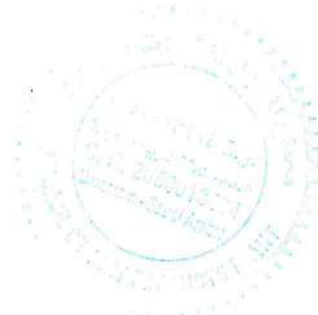
TECHNICAL DATA

Given Here Under Is Technical Data For Concrete Bricks Colour LIGHT RED
Size 10 X 10 X 20 Cm, Which Shall Be Manufactured By Us In Accordance
With The Following ASTM Specifications:

- PORTLAND CEMENT** : Shall comply with specifications ASTM C150 for Portland Cement (Type V).
- COARSE AGGREGATE** : Consists of Durable Particles of Crushed Stone and Shall comply with ASTM C33.
- FINE AGGREGATE** : Natural Sand and Shall confirm to ASTM C33. It shall be free from injurious amount of Silt, Organic matter or other deleterious materials.
- MIXING WATER** : Shall be Free From Oil, Organic Matter or Other Deleterious Substances and shall not have excess Dissolved Solids, Chlorides as CL and Sulphates AS SO₃
- MIXING PROPORTION** : AGGREGATE CEMENT RATIO IS 4:1

FOR ALMOAJIL CEMENT PRODUCTS PLANT

ENG .NASSER A. AL QADER
PLANT MANAGER



TECHNICAL DATA

Given here under is technical data for concrete Bricks Colour BALCK Size 10 x 10 x 20 cm, which shall be manufactured by us in accordance with the following ASTM specifications:

- PORTLAND CEMENT** : Shall comply with specifications ASTM C150 for Portland Cement (Type V).
- COARSE AGGREGATE** : Consists of Durable Particles of Crushed Stone and Shall comply with ASTM C33.
- FINE AGGREGATE** : Natural Sand and Shall confirm to ASTM C33. It shall be free from injurious amount of Silt, Organic matter or other deleterious materials.
- MIXING WATER** : Shall be Free From Oil, Organic Matter or Other Deleterious Substances and shall not have excess Dissolved Solids, Chlorides as CL and Sulphates AS SO₃
- MIXING PROPORTION** : AGGREGATE CEMENT RATIO IS 4:1

FOR ALMOAJIL CEMENT PRODUCTS PLANT

ENG .NASSER A. AL QADER
PLANT MANAGER

TECHNICAL DATA

Given here under is technical data for concrete Bricks Colour RED Size 10 x 10 x 20 cm, which shall be manufactured by us in accordance with the following ASTM specifications:

- PORTLAND CEMENT** : Shall comply with specifications ASTM C150 for Portland Cement (Type V).
- COARSE AGGREGATE** : Consists of Durable Particles of Crushed Stone and Shall comply with ASTM C33.
- FINE AGGREGATE** : Natural Sand and Shall confirm to ASTM C33. It shall be free from injurious amount of Silt, Organic matter or other deleterious materials.
- MIXING WATER** : Shall be Free From Oil, Organic Matter or Other Deleterious Substances and shall not have excess Dissolved Solids, Chlorides as CL and Sulphates AS SO3
- MIXING PROPORTION** : AGGREGATE CEMENT RATIO IS 4:1

FOR ALMOAJIL CEMENT PRODUCTS PLANT

ENG .NASSER A. AL QADER
PLANT MANAGER

TECHNICAL DATA

Given Here Under Is Technical Data For CURBSTONE FLAT Size 15 X 30 X 50 Cm , Which Shall Be Manufactured By Us In Accordance With The Following Specifications :

- CEMENT** : SHALL COMPLY WITH SPECIFICATION ASTM C150 FOR PORTLAND CEMENT (TYPE V)
- COARSE AGGREGATE** : Shall be of Natural Dense Stone Crushed and Graded to Size Confirming to ASTM C33
- FINE AGGREGATE** : Shall be Natural Dune Sand Free From Deleterious Materials, Claylumps and Frayable Particles
- WATER** : Shall be from the Municipal Water Supply Free from oil, Acids, Organic Matter or Other Deleterious Substances, Excessive Chloride Sulphates And Dissolved Solids Etc.
- MIXING PROPORTION** : Aggregate cement ratio is 4:1
- Production** : Produced In Automatic Stationary Machine
- Curing** : Cured IN Curing Chambers By Heat And Moisture Treatment Duration – 24 Hours.

For ALMOAJIL CEMENT PRODUCTS PLANT

ENG .NASSER A. AL QADER
PLANT MANAGER



TECHNICAL DATA

Given here under is technical data for concrete Bricks Colour GREY Size 10 x 10 x 20 cm, which shall be manufactured by us in accordance with the following ASTM specifications:

- PORTLAND CEMENT** : Shall comply with specifications ASTM C150 for Portland Cement (Type V).
- COARSE AGGREGATE** : Consists of Durable Particles of Crushed Stone and Shall comply with ASTM C33.
- FINE AGGREGATE** : Natural Sand and Shall confirm to ASTM C33. It shall be free from injurious amount of Silt, Organic matter or other deleterious materials.
- MIXING WATER** : Shall be Free From Oil, Organic Matter or Other Deleterious Substances and shall not have excess Dissolved Solids, Chlorides as CL and Sulphates AS SO₃
- MIXING PROPORTION** : AGGREGATE CEMENT RATIO IS 4:1

FOR ALMOAJIL CEMENT PRODUCTS PLANT

ENG .NASSER A. AL QADER
PLANT MANAGER

Client Name : AL MOAJIL CEMENT PRODUCT PLANT
 Sample Description : Interlocking Paving Block
 Date of Test : 04.04.2021
 Condition of testing : As received
 Nominal size and color : 200X100X100mm / Black
 Measured surface area : 20,000mm²
 Tested by : Al Hoty Stanger Ltd. Co.

TEST RESULTS

Specimen Ref #	Dimension L x W x H (mm)	Load (kN)	Compressive Strength (N/mm ²)	Corrected Compressive Strength (N/mm ²)
B-1	200x100x100	1201	60.1	74.5
B-2	200x100x100	1195.5	59.8	74.2

Water Absorption :

Specimen Ref #	Saturated Weight (gm)	Oven Dry Weight (gm)	Water Absorption (%)
B-1	4743	4545	4.4
B-2	4564	4374	4.3



MOHAMED HASSAN ABOUELELLA

Acting Department Manager
For AL HOTY-STANGER LTD. CO.




MUHAMMAD IRFAN ANJUM
Lab Supervisor

Building # 2456 , Ihsan St. Al Taawun area, GCC Road Al-Khobar 31952
This report relates only to the sample tested and shall only be reproduced in full with a written approval of AHSL testing laboratory

AHS/CS/TR-27/ISSUE.1/REV.0

Issue Date : 19/12/19

AL HOTY-STANGER LTD. CO.
INDEPENDENT LABORATORIES & MATERIALS TESTING

P.O. BOX 3072 Al-Khobar 31952 - Tel: (013) 889 1000 / 808 4317 / 808 7517 / 808 7518 / 808 5217 Fax: (013) 898-1466
 Jubail P.O. 467 - Tel: (013) 341-6791 Fax: (013) 341-0642 - Hofuf P.O. Box 2752 - Tel: (013) 586-3210 Fax: (013) 587-1420 - Riyadh P.O. Box 7359 - Tel: (011) 478-4292 Fax: (011) 479-2058
 Jeddah P.O. Box 8129 - Tel: (012) 660-1924 Fax: (012) 665-6742 - Yanbu - P.O. Box 30312 - Tel: (014) 322-5495 Fax: (014) 391-7471 - Jazan : Tel.: (017) 334-0518

Client Name : AL MOAJIL CEMENT PRODUCT PLANT
Sample Description : Interlocking Paving Block
Date of Test : 11.03.2021
Condition of testing : As received
Nominal size and color : 200X100X80mm / Orange
Measured surface area : 20,000mm²
Tested by : Al Hoty Stanger Ltd. Co.

TEST RESULTS

Specimen Ref #	Dimension L x W x H (mm)	Load (kN)	Compressive Strength (N/mm ²)	Corrected Compressive Strength (N/mm ²)
O-1	200x100x80	1106.5	55.3	63.6
O-2	200x100x80	1093.5	54.6	62.8

Water Absorption :

Specimen Ref #	Saturated Weight (gm)	Oven Dry Weight (gm)	Water Absorption (%)
O-1	3680	3517	4.6
O-2	3691	3436	7.4

MOHAMED HASSAN ABOUELELLA

Acting Department Manager
For AL HOTY-STANGER LTD. CO.

MUHAMMAD IRFAN ANJUM
Lab Supervisor

Building # 2456 , Ihsan St. Al Taawun area, GCC Road Al-Khobar 31952
This report relates only to the sample tested and shall only be reproduced in full with a written approval of AHSL testing laboratory

AHS/CS/TR-27/ISSUE.1/REV.0

Issue Date : 19/12/19

AL HOTY-STANGER LTD. CO.
INDEPENDENT LABORATORIES & MATERIALS TESTING

P.O. BOX 3072 Al-Khobar 31952 - Tel: (013) 889 1000 / 808 4317 / 808 7517 / 808 7518 / 808 5217 Fax: (013) 898-1466
 Jubail P.O. 467 - Tel: (013) 341-6791 Fax: (013) 341-0642 - Hofuf P.O. Box 2752 - Tel: (013) 586-3210 Fax: (013) 587-1420 - Riyadh P.O. Box 7359 - Tel: (011) 478-4292 Fax: (011) 479-2058
 Jeddah P.O. Box 8129 - Tel: (012) 660-1924 Fax: (012) 665-6742 - Yanbu - P.O. Box 30312 - Tel: (014) 322-5495 Fax: (014) 391-7471 - Jazan : Tel.: (017) 334-0518

Client Name : AL MOAJIL CEMENT PRODUCT PLANT
Sample Description : Interlocking Paving Block
Date of Test : 11.03.2021
Condition of testing : As received
Nominal size and color : 200X100X80mm / Yellow
Measured surface area : 20,000mm²
Tested by : Al Hoty Stanger Ltd. Co.

TEST RESULTS

Specimen Ref #	Dimension L x W x H (mm)	Load (kN)	Compressive Strength (N/mm ²)	Corrected Compressive Strength (N/mm ²)
Y-1	200x100x80	1292	64.6	74.3
Y-2	200x100x80	1309	65.5	75.3

Water Absorption :

Specimen Ref #	Saturated Weight (gm)	Oven Dry Weight (gm)	Water Absorption (%)
Y-1	3569	3439	3.8
Y-2	3562	3424	4.0

MOHAMED HASSAN ABOUELELLA

Acting Department Manager
For AL HOTY-STANGER LTD. CO.

MUHAMMAD IRFAN ANJUM
Lab Supervisor

Building # 2456 , Ihsan St. Al Taawun area, GCC Road Al-Khobar 31952
This report relates only to the sample tested and shall only be reproduced in full with a written approval of AHS testing laboratory

AHS/CS/TR-27/ISSUE.1/REV.0

Issue Date : 19/12/19

AL HOTY-STANGER LTD. CO.
INDEPENDENT LABORATORIES & MATERIALS TESTING

P.O. BOX 3072 Al-Khobar 31952 - Tel: (013) 889 1000 / 808 4317 / 808 7517 / 808 7518 / 808 5217 Fax: (013) 898-1466
 Jubail P.O. 467 - Tel: (013) 341-6791 Fax : (013) 341-0642 - Hofuf P.O. Box 2752 - Tel: (013) 586-3210 Fax: (013) 587-1420 - Riyadh P.O. Box 7359 - Tel: (011) 478-4292 Fax: (011) 479-2058
 Jeddah P.O. Box 8129 - Tel: (012) 660-1924 Fax: (012) 665-6742 - Yanbu - P.O. Box 30312 - Tel: (014) 322-5495 Fax: (014) 391-7471 - Jazan : Tel.: (017) 334-0518

Client Name : AL MOAJIL CEMENT PRODUCT PLANT
Sample Description : Interlocking Paving Block
Date of Test : 11.03.2021
Condition of testing : As received
Nominal size and color : 200X100X80mm / Black
Measured surface area : 20,000mm²
Tested by : Al Hoty Stanger Ltd. Co.

TEST RESULTS

Specimen Ref #	Dimension L x W x H (mm)	Load (kN)	Compressive Strength (N/mm ²)	Corrected Compressive Strength (N/mm ²)
B-1	200x100x80	1029	51.5	59.2
B-2	200x100x80	1077	53.9	61.9

Water Absorption :

Specimen Ref #	Saturated Weight (gm)	Oven Dry Weight (gm)	Water Absorption (%)
B-1	3646	3477	4.9
B-2	3685	3532	4.3

MOHAMED HASSAN ABOUELELLA
 Acting Department Manager
 For AL HOTY-STANGER LTD. CO.

MUHAMMAD IRFAN ANJUM
 Lab Supervisor

Building # 2456 , Ihsan St. Al Taawun area, GCC Road Al-Khobar 31952
 This report relates only to the sample tested and shall only be reproduced in full with a written approval of AHSL testing laboratory

AHS/CS/TR-27/ISSUE.1/REV.0

Issue Date : 19/12/19

AL HOTY-STANGER LTD. CO.
 INDEPENDENT LABORATORIES & MATERIALS TESTING

P.O. BOX 3072 Al-Khobar 31952 - Tel: (013) 889 1000 / 808 4317 / 808 7517 / 808 7518 / 808 5217 Fax: (013) 898-1466
 Jubail P.O. 467 - Tel: (013) 341-6791 Fax: (013) 341-0642 - Hofuf P.O. Box 2752 - Tel: (013) 586-3210 Fax: (013) 587-1420 - Riyadh P.O. Box 7359 - Tel: (011) 478-4292 Fax: (011) 479-2058
 Jeddah P.O. Box 8129 - Tel: (012) 660-1924 Fax: (012) 665-6742 - Yanbu - P.O. Box 30312 - Tel: (014) 322-5495 Fax: (014) 391-7471 - Jazan : Tel.: (017) 334-0518

Client Name : AL MOAJIL CEMENT PRODUCT PLANT
 Sample Description : Interlocking Paving Block
 Date of Test : 11.03.2021
 Condition of testing : As received
 Nominal size and color : 200X100X80mm / Gray
 Measured surface area : 20,000mm²
 Tested by : Al Hoty Stanger Ltd. Co.

TEST RESULTS

Specimen Ref #	Dimension L x W x H (mm)	Load (kN)	Compressive Strength (N/mm ²)	Corrected Compressive Strength (N/mm ²)
G-1	200x100x80	1019	51.0	58.7
G-2	200x100x80	1008	50.4	58.0

Water Absorption :

Specimen Ref #	Saturated Weight (gm)	Oven Dry Weight (gm)	Water Absorption (%)
G-1	3758	3619	3.8
G-2	3773	3573	5.6

MOHAMED HASSAN ABOUELELLA
 Acting Department Manager
 For AL HOTY-STANGER LTD. CO.

MUHAMMAD IRFAN ANJUM
 Lab Supervisor

Building # 2456 , Ihsan St. Al Taawun area, GCC Road Al-Khobar 31952
 This report relates only to the sample tested and shall only be reproduced in full with a written approval of AHSL testing laboratory

AHS/CS/TR-27/ISSUE.1/REV.0

Issue Date : 19/12/19

AL HOTY-STANGER LTD. CO.
INDEPENDENT LABORATORIES & MATERIALS TESTING

P.O. BOX 3072 Al-Khobar 31952 - Tel: (013) 889 1000 / 808 4317 / 808 7517 / 808 7518 / 808 5217 Fax: (013) 898-1466
 Jubail P.O. 467 - Tel: (013) 341-6791 Fax: (013) 341-0642 - Hofuf P.O. Box 2752 - Tel: (013) 586-3210 Fax: (013) 587-1420 - Riyadh P.O. Box 7359 - Tel: (011) 478-4292 Fax: (011) 479-2058
 Jeddah P.O. Box 8129 - Tel: (012) 660-1924 Fax: (012) 665-6742 - Yanbu - P.O. Box 30312 - Tel: (014) 322-5495 Fax: (014) 391-7471 - Jazan : Tel.: (017) 334-0518



CONCRETE INTERLOCKING PAVING BLOCKS

METHOD: ASTM C-140-20a

Date : 26.01.2021

Sample No. : 3298-1

Report No. : 20/2008-1

Page # 1 of 1

Client Name : AL MOAJIL CEMENT PRODUCT PLANT
Sample Description : Interlocking Paving Block
Date of Test : 26.01.2021
Condition of testing : As received
Nominal size : 200X100X80mm
Measured surface area : 20000mm²
Tested by : Al Hoty Stanger Ltd. Co.

TEST RESULTS

Specimen Ref #	Dimensions L x W x H (mm)	Load (kN)	Compressive strength (N/mm ²)	Corrected Compressive strength (N/mm ²)
Red	200x100x80	1053	52.7	60.6

Water Absorption :

Specimen Ref #	Saturated Weight (gm)	Oven Dry Weight (gm)	Water Absorption (%)
Red	3565	3382	5.1

MOHAMED HASSAN ABOUELELLA
 Acting Department Manager
 For AL HOTY-STANGER LTD. CO.



MOHAMMAD IRFAN ANJUM
 Lab Supervisor

Building # 2456 , Ihsan St. Al Taawun area, GCC Road Al-Khobar 31952
 This report relates only to the sample tested and shall only be reproduced in full with a written approval of AHSL testing laboratory

AHS/CS/TR-27/ISSUE.1/REV.0

Issue Date : 19/12/19

AL HOTY-STANGER LTD. CO.
 INDEPENDENT LABORATORIES & MATERIALS TESTING

P.O. BOX 3072 Al-Khobar 31952 - Tel: (013) 889 1000 / 808 4317 / 808 7517 / 808 7518 / 808 5217 Fax: (013) 898-1466
 Jubail P.O. 467 - Tel: (013) 341-6791 Fax: (013) 341-0642 - Hofuf P.O. Box 2752 - Tel: (013) 586-3210 Fax: (013) 587-1420 - Riyadh P.O. Box 7359 - Tel: (011) 478-4292 Fax: (011) 479-2058
 Jeddah P.O. Box 8129 - Tel: (012) 660-1924 Fax: (012) 665-6742 - Yanbu - P.O. Box 30312 - Tel: (014) 322-5495 Fax: (014) 391-7471

Client Name : AL MOAJIL CEMENT PRODUCT PLANT
 Sample Description : Interlocking Paving Block
 Date of Test : 26.01.2021
 Condition of testing : As received
 Nominal size : 200X100X60mm
 Measured surface area : 20000mm²
 Tested by : Al Hoty Stanger Ltd. Co.

TEST RESULTS

Specimen Ref #	Dimensions L x W x H (mm)	Load (kN)	Compressive strength (N/mm ²)	Corrected Compressive strength (N/mm ²)
Gray	200x100x60	1190	59.5	59.5

Water Absorption :

Specimen Ref #	Saturated Weight (gm)	Oven Dry Weight (gm)	Water Absorption (%)
Gray	2705	2580	4.6



MOHAMED HASSAN ABUELELLA
 Acting Department Manager
 For AL HOTY-STANGER LTD. CO.

MOHAMMAD IRFAN ANJUM
 Lab Supervisor

Building # 2456 , Ihsan St. Al Taawun area, GCC Road Al-Khobar 31952
 This report relates only to the sample tested and shall only be reproduced in full with a written approval of AHSL testing laboratory

AHS/CS/TR-27/ISSUE.1/REV.0

Issue Date : 19/12/19

AL HOTY-STANGER LTD. CO.
 INDEPENDENT LABORATORIES & MATERIALS TESTING

P.O. BOX 3072 Al-Khobar 31952 - Tel: (013) 889 1000 / 808 4317 / 808 7517 / 808 5217 Fax: (013) 898-1466
 Jubail P.O. 467 - Tel: (013) 341-6791 Fax: (013) 341-0642 - Hofuf P.O. Box 2752 - Tel: (013) 586-3210 Fax: (013) 587-1420 - Riyadh P.O. Box 7359 - Tel: (011) 478-4292 Fax: (011) 479-2058
 Jeddah P.O. Box 8129 - Tel: (012) 660-1924 Fax: (012) 665-6742 - Yanbu - P.O. Box 30312 - Tel: (014) 322-5495 Fax: (014) 391-7471

Client Name : AL MOAJIL CEMENT PRODUCT PLANT
Sample Description : Interlocking Paving Block
Date of Test : 11.03.2021
Condition of testing : As received
Nominal size and color : 200X100X60mm / Red
Measured surface area : 20,000mm²
Tested by : Al Hoty Stanger Ltd. Co.

TEST RESULTS

Specimen Ref #	Dimension L x W x H (mm)	Load (kN)	Compressive Strength (N/mm ²)	Corrected Compressive Strength (N/mm ²)
R-1	200x100x60	1167.5	58.3	58.3
R-2	200x100x60	1212	60.6	60.6

Water Absorption :

Specimen Ref #	Saturated Weight (gm)	Oven Dry Weight (gm)	Water Absorption (%)
R-1	2669	2500	6.8
R-2	2593	2455	5.6


MOHAMED HASSAN ABOUEILLELA
 Acting Department Manager
 For AL HOTY-STANGER LTD. CO.


MUHAMMAD IRFAN ANJUM
 Lab Supervisor

Building # 2456 , Ihsan St. Al Taawun area, GCC Road Al-Khobar 31952
 This report relates only to the sample tested and shall only be reproduced in full with a written approval of AHSL testing laboratory

AHS/CS/TR-27/ISSUE.1/REV.0

Issue Date : 19/12/19

AL HOTY-STANGER LTD. CO.
INDEPENDENT LABORATORIES & MATERIALS TESTING

P.O. BOX 3072 Al-Khobar 31952 - Tel: (013) 889 1000 / 808 4317 / 808 7517 / 808 7518 / 808 5217 Fax: (013) 898-1466
 Jubail P.O. 467 - Tel: (013) 341-6791 Fax: (013) 341-0642 - Hofuf P.O. Box 2752 - Tel: (013) 586-3210 Fax: (013) 587-1420 - Riyadh P.O. Box 7359 - Tel: (011) 478-4292 Fax: (011) 479-2058
 Jeddah P.O. Box 8129 - Tel: (012) 660-1924 Fax: (012) 665-6742 - Yanbu - P.O. Box 30312 - Tel: (014) 322-5495 Fax: (014) 391-7471 - Jazan : Tel.: (017) 334-0518

Client Name : AL MOAJIL CEMENT PRODUCT PLANT
Sample Description : Interlocking Paving Block
Date of Test : 11.03.2021
Condition of testing : As received
Nominal size and color : 200X100X60mm / Black
Measured surface area : 20,000mm²
Tested by : Al Hoty Stanger Ltd. Co.

TEST RESULTS

Specimen Ref #	Dimension L x W x H (mm)	Load (kN)	Compressive Strength (N/mm ²)	Corrected Compressive Strength (N/mm ²)
B-1	200x100x60	1499.5	74.9	74.9
B-2	200x100x60	1486	74.3	74.3

Water Absorption :

Specimen Ref #	Saturated Weight (gm)	Oven Dry Weight (gm)	Water Absorption (%)
B-1	2768	2610	6.1
B-2	2735	2605	5.0

MOHAMED HASSAN ABOUELELLA
 Acting Department Manager
 For AL HOTY-STANGER LTD. CO.



MUHAMMAD IRFAN ANJUM
 Lab Supervisor

Building # 2456 , Ihsan St. Al Taawun area, GCC Road Al-Khobar 31952
 This report relates only to the sample tested and shall only be reproduced in full with a written approval of AHSL testing laboratory

AHS/CS/TR-27/ISSUE.1/REV.0

Issue Date : 19/12/19

AL HOTY-STANGER LTD. CO.
INDEPENDENT LABORATORIES & MATERIALS TESTING

P.O. BOX 3072 Al-Khobar 31952 - Tel: (013) 889 1000 / 808 4317 / 808 7517 / 808 7518 / 808 5217 Fax: (013) 898-1466
 Jubail P.O. 467 - Tel: (013) 341-6791 Fax : (013) 341-0642 - Hofuf P.O. Box 2752 - Tel: (013) 586-3210 Fax: (013) 587-1420 - Riyadh P.O. Box 7359 - Tel: (011) 478-4292 Fax: (011) 479-2058
 Jeddah P.O. Box 8129 - Tel: (012) 660-1924 Fax: (012) 665-6742 - Yanbu - P.O. Box 30312 - Tel: (014) 322-5495 Fax: (014) 391-7471 - Jazan : Tel.: (017) 334-0518

TEST REPORT

CONCRETE INTERLOCKING PAVING BLOCKS

METHOD: ASTM C-140-20a

Page # 1 of 1

Date : 11.03.2021

Sample No. : 3530-2

Report No. : 20/2240-2

Client Name : AL MOAJIL CEMENT PRODUCT PLANT

Sample Description : Interlocking Paving Block

Date of Test : 11.03.2021

Condition of testing : As received

Nominal size and color : 200X100X60mm / Yellow

Measured surface area : 20,000mm²

Tested by : Al Hoty Stanger Ltd. Co.

TEST RESULTS

Specimen Ref #	Dimension L x W x H (mm)	Load (kN)	Compressive Strength (N/mm ²)	Corrected Compressive Strength (N/mm ²)
Y-1	200x100x60	1161.5	58.0	58.0
Y-2	200x100x60	1209	60.5	60.5

Water Absorption :

Specimen Ref #	Saturated Weight (gm)	Oven Dry Weight (gm)	Water Absorption (%)
Y-1	2658	2510	5.9
Y-2	2681	2532	5.9

MOHAMED HASSAN ABOUELLA

Acting Department Manager
 For AL HOTY-STANGER LTD. CO.

Lab Supervisor

MUHAMMAD IRFAN ANJUM

AHS/CS/TR-27/ISSUE.1/REV.0

Issue Date : 19/12/19

This report relates only to the sample tested and shall only be reproduced in full with a written approval of AHS testing laboratory



AL HOTY-STANGER LTD. CO.
INDEPENDENT LABORATORIES & MATERIALS TESTING

P.O. BOX 3072 Al-Khobar 31952 - Tel: (013) 889 1000 / 808 4317 / 808 7518 / 808 7518 / 808 5217 Fax: (013) 898-1466
 Jubail P.O. 467 - Tel: (013) 341-6791 Fax: (013) 341-0642 - Hofuf P.O. Box 2752 - Tel: (013) 586-3210 Fax: (013) 587-1420 - Riyadh P.O. Box 7359 - Tel: (011) 478-4292 Fax: (011) 479-2058
 Jeddah P.O. Box 8129 - Tel: (012) 660-1924 Fax: (012) 665-6742 - Yanbu - P.O. Box 30312 - Tel: (014) 322-5495 Fax: (014) 391-7471 - Jazan : Tel: (017) 334-0518

TEST REPORT

COMPRESSIVE STRENGTH OF CONCRETE CUBES

BS 1881 : PART 116 : 1983 (AMDs 6097 and 6720)

Date : 01.04.2021

Sample No. : C&S: 3628-4

Report No. : 20/2338-4

Page # 1 of 1

Client : AL MOAJIL CEMENT PRODUCT PLANT

Project : -

DESCRIPTION OF SPECIMENS

Number and Size : 2 No. Sampling done by : Client
Kerb Stone : 50x30x20cm

Description of Specimens							
AHSL Cube Number		1	2				
ID Mark on Cube		-	-				
Location / Structure		Kerb Stone					
Mix / Grade of Concrete	Psi	-					
Specimens Received on		28.03.2021					
Casting Date*		-					
Testing Date		01.04.21	01.04.21				
Age of Test	(days)	-	-				
Condition of Specimen ^a		GOOD					

* As per data provided

TEST RESULTS

Measured Dimensions (mm)	Length	150					
	Width	150					
	Height	150					
Cross-Section area	mm ²	22500					
Moisture Condition at Testing							
Density (saturated) ^b	kg/m ³	2380	2390				
Maximum Load at Failure	(kN)	1343.0	1329.5				
Compressive Strength	Mpa	59.7	59.1				
	Psi	8650	8570				
Type of Fracture		Satisfactory					
Weight in Air (Saturated)	(g)	8250	8290				

Note: Fins removed manually

- a - A - poor compaction, B - honeycombing, C - bad dimensions
b - Water replacement method

Conditions of Curing:

On receipt, cubes were cured in water until they are tested in accordance with the requirements of the current edition of BS 1881 : Part 116 : 1983.

MOHAMED HASSAN ABOUELELLA

Acting Department Manager
Construction Materials Department
For AL HOTY-STANGER LTD. CO.

MUHAMMAD IRFAN ANJUM

Lab Supervisor

Building # 2456, Ihsan St. Al Taawun area, GCC Road Al-Khobar 31952

This report relates only to the sample tested and shall only be reproduced in full with a written approval of AHSL testing laboratory

AHS/CS/TR-29/ISSUE.1/REV.0

Issue Date: 22/12/19

AL HOTY-STANGER LTD. CO.

INDEPENDENT LABORATORIES & MATERIALS TESTING

P.O. BOX 3072 Al-Khobar 31952 - Tel: (013) 889 1000 / 808 4317 / 808 7517 / 808 7518 / 808 5217 Fax: (013) 898-1466

Jubail P.O. 467 - Tel: (013) 341-6791 Fax: (013) 341-0642 - Hofuf P.O. Box 2752 - Tel: (013) 586-3210 Fax: (013) 587-1420 - Riyadh P.O. Box 7359 - Tel: (011) 478-4292 Fax: (011) 479-2058
Jeddah P.O. Box 8129 - Tel: (012) 660-1924 Fax: (012) 665-6742 - Yanbu - P.O. Box 30312 - Tel: (014) 322-5495 Fax: (014) 391-7471 - Jazan : Tel.: (017) 334-0518

TEST REPORT

REPORT ON CABLE TILES

TEST METHOD: ASTM C140M-20a

Date : 05.04.2021

Sample No. : 3628-6


Report No. : 20/2338-6

Page # 1 of 1

Client Name : AL MOAJIL CEMENT PRODUCT PLANT
 Sample Description : Cable Tiles
 Nominal Size : 400x200x50mm
 Date of Test : 01.04.2021
 Tested by : AHSL

TEST RESULTS

Specimen Ref #	Dimension LxWxH (mm)	Load (kN)	Compressive Strength (N/mm ²)	Compressive Strength (Psi)	Density Kg/m ³
1	400x200x50	3072	38.4	5570	2080
2	400x200x50	3067.5	38.3	5550	2080


MOHAMED HASSAN ABOUELELLA
 Acting Department Manager
 For AL HOTY-STANGER LTD. CO.


MUHAMMAD IRFAN ANJUM
 Lab Supervisor

Building # 2456, Ihsan St. Al Taawun area, GCC Road Al-Khobar 31952
 This report relates only to the sample tested and shall only be reproduced in full with a written approval of AHSL testing laboratory

AL HOTY-STANGER LTD. CO.
INDEPENDENT LABORATORIES & MATERIALS TESTING

P.O. BOX 3072 Al-Khobar 31952 - Tel: (013) 889 1000 / 808 4317 / 808 7517 / 808 7518 / 808 5217 Fax: (013) 898-1466
 Jubail P.O. 467 - Tel: (013) 341-6791 Fax: (013) 341-0642 - Hofuf P.O. Box 2752 - Tel: (013) 586-3210 Fax: (013) 587-1420 - Riyadh P.O. Box 7359 - Tel: (011) 478-4292 Fax: (011) 479-2058
 Jeddah P.O. Box 8129 - Tel: (012) 660-1924 Fax: (012) 665-6742 - Yanbu - P.O. Box 30312 - Tel: (014) 322-5495 Fax: (014) 391-7471 - Jazan : Tel.: (017) 334-0518

TEST REPORT

COMPRESSIVE STRENGTH OF CONCRETE CUBES

BS 1881 : PART 116 : 1983 (AMDs 6097 and 6720)

Date : 11.03.2021

Sample No. : C&S: 3530-8

Report No. : 20/2240-8

Page # 1 of 1

Client : AL MOAJIL CEMENT PRODUCT PLANT

Project : -

DESCRIPTION OF SPECIMENS

Number and Size : 2 No. Sampling done by : Client

Kerb Stone : 91x30x15cm

Description of Specimens					
AHSL Cube Number	1	2			
ID Mark on Cube	-	-			
Location / Structure	Kerb Stone				
Mix / Grade of Concrete	Psi				
Specimens Received on	07.03.2021				
Casting Date*					
Testing Date	11.03.21	11.03.21			
Age of Test (days)	-	-			
Condition of Specimen ^a	GOOD				

* As per data provided

TEST RESULTS

Measured Dimensions (mm)	Length	150					
	Width	150					
	Height	150					
Cross-Section area	mm ²	22500					
Moisture Condition at Testing							
Density (saturated) ^b	kg/m ³	2380	2390				
Maximum Load at Failure	(kN)	1218.0	1228.0				
Compressive Strength	Mpa	54.1	54.6				
	Psi	7850	7910				
Type of Fracture		Satisfactory					
Weight in Air (Saturated)	(g)	8200	8270				

Note: Fins removed manually

- a - A - poor compaction, B - honeycombing, C - bad dimensions
b - Water replacement method

Conditions of Curing:

On receipt, cubes were cured in water until they are tested in accordance with the requirements of the current edition of BS 1881 : Part 116 : 1983.

MOHAMED HASSAN ABOUELELLA

Acting Department Manager
Construction Materials Department
For AL HOTY-STANGER LTD. CO.

MUHAMMAD IRFAN ANJUM

Lab Supervisor

Building # 2456, Ihsan St. Al Taawun area, GCC Road Al-Khobar 31952
This report relates only to the sample tested and shall only be reproduced in full with a written approval of AHSL testing laboratory

AHS/CS/TR-29/ISSUE.1/REV.0

Issue Date: 22/12/19

AL HOTY-STANGER LTD. CO.

INDEPENDENT LABORATORIES & MATERIALS TESTING

P.O. BOX 3072 Al-Khobar 31952 - Tel: (013) 889 1000 / 808 4317 / 808 7517 / 808 7518 / 808 5217 Fax: (013) 898-1466

Jubail P.O. 467 - Tel: (013) 341-6791 Fax: (013) 341-0642 - Hofuf P.O. Box 2752 - Tel: (013) 586-3210 Fax: (013) 587-1420 - Riyadh P.O. Box 7359 - Tel: (011) 478-4292 Fax: (011) 479-2058
Jeddah P.O. Box 8129 - Tel: (012) 660-1924 Fax: (012) 665-6742 - Yanbu - P.O. Box 30312 - Tel: (014) 322-5495 Fax: (014) 391-7471 - Jazan : Tel.: (017) 334-0518



TEST REPORT

COMPRESSIVE STRENGTH OF CONCRETE CUBES

BS 1881 : PART 116 : 1983 (AMDs 6097 and 6720)

Date : 01.04.2021

Sample No. : C&S: 3628-3

Report No. : 20/2338-3

Page # 1 of 1

Client : AL MOAJIL CEMENT PRODUCT PLANT

Project : -

DESCRIPTION OF SPECIMENS

Number and Size : 2 No. Sampling done by : Client
 Kerb Stone : 60x40x19cm

Description of Specimens							
AHSL Cube Number		1	2				
ID Mark on Cube		-	-				
Location / Structure		Kerb Stone					
Mix / Grade of Concrete	Psi	-					
Specimens Received on		28.03.2021					
Casting Date*		-					
Testing Date		01.04.21	01.04.21				
Age of Test (days)		-	-				
Condition of Specimen ^a		GOOD					

* As per data provided

TEST RESULTS

Measured Dimensions (mm)	Length	150					
	Width	150					
	Height	150					
Cross-Section area	mm ²	22500					
Moisture Condition at Testing							
Density (saturated) ^b	kg/m ³	2380	2390				
Maximum Load at Failure	(kN)	1319.0	1364.5				
Compressive Strength	Mpa	58.6	60.6				
	Psi	8500	8790				
Type of Fracture		Satisfactory					
Weight in Air (Saturated)	(g)	8190	8230				

Note: Fins removed manually

- a - A - poor compaction, B - honeycombing, C - bad dimensions
 b - Water replacement method

Conditions of Curing:

On receipt, cubes were cured in water until they are tested in accordance with the requirements of the current edition of BS 1881 : Part 116 : 1983.

MOHAMED HASSAN ABOUELELLA

Acting Department Manager
 Construction Materials Department
 For AL HOTY-STANGER LTD. CO.

MUHAMMAD IRFAN ANJUM

Lab Supervisor

Building # 2456 , Ihsan St. Al Taawun area, GCC Road Al-Khobar 31952

This report relates only to the sample tested and shall only be reproduced in full with a written approval of AHSL testing laboratory

AHS/CS/TR-29/ISSUE.1/REV.0

Issue Date: 22/12/19

AL HOTY-STANGER LTD. CO.

INDEPENDENT LABORATORIES & MATERIALS TESTING

P.O. BOX 3072 Al-Khobar 31952 - Tel: (013) 889 1000 / 808 4317 / 808 7517 / 808 7518 / 808 5217 Fax: (013) 898-1466

Jubail P.O. 467 - Tel: (013) 341-6791 Fax: (013) 341-0642 - Hofuf P.O. Box 2752 - Tel: (013) 586-3210 Fax: (013) 587-1420 - Riyadh P.O. Box 7359 - Tel: (011) 478-4292 Fax: (011) 479-2058
 Jeddah P.O. Box 8129 - Tel: (012) 660-1924 Fax: (012) 665-6742 - Yanbu - P.O. Box 30312 - Tel: (014) 322-5495 Fax: (014) 391-7471 - Jazan : Tel.: (017) 334-0518

Client Name : AL MOAJIL CEMENT PRODUCT PLANT
Sample Description : Interlocking Paving Block
Date of Test : 04.04.2021
Condition of testing : As received
Nominal size and color : 200X100X100mm / Grey
Measured surface area : 20,000mm²
Tested by : Al Hoty Stanger Ltd. Co.

TEST RESULTS

Specimen Ref #	Dimension L x W x H (mm)	Load (kN)	Compressive Strength (N/mm ²)	Corrected Compressive Strength (N/mm ²)
G-1	200x100x100	1213.5	60.7	75.3
G-2	200x100x100	1197.5	59.9	74.3

Water Absorption :

Specimen Ref #	Saturated Weight (gm)	Oven Dry Weight (gm)	Water Absorption (%)
G-1	4420	4237	4.3
G-2	4418	4282	3.2


MOHAMED HASSAN ABOUELELLA
 Acting Department Manager
 For AL HOTY-STANGER LTD. CO.


MUHAMMAD IRFAN ANJUM
 Lab Supervisor

Building # 2456 , Ihsan St. Al Tazawun area, GCC Road Al-Khobar 31952
 This report relates only to the sample tested and shall only be reproduced in full with a written approval of AHSL testing laboratory

AHS/CS/TR-27/ISSUE.1/REV.0

Issue Date : 19/12/19

AL HOTY-STANGER LTD. CO.
INDEPENDENT LABORATORIES & MATERIALS TESTING

P.O. BOX 3072 Al-Khobar 31952 - Tel: (013) 889 1000 / 808 4317 / 808 7517 / 808 7518 / 808 5217 Fax: (013) 898-1466
 Jubail P.O. 467 - Tel: (013) 341-6791 Fax: (013) 341-0642 - Hofuf P.O. Box 2752 - Tel: (013) 586-3210 Fax: (013) 587-1420 - Riyadh P.O. Box 7359 - Tel: (011) 478-4292 Fax: (011) 479-2058
 Jeddah P.O. Box 8129 - Tel: (012) 660-1924 Fax: (012) 665-6742 - Yanbu - P.O. Box 30312 - Tel: (014) 322-5495 Fax: (014) 391-7471 - Jazan : Tel.: (017) 334-0518

Client Name : AL MOAJIL CEMENT PRODUCT PLANT
 Sample Description : Interlocking Paving Blocks
 Date of Test : 28.06.2021
 Condition of testing : As received
 Nominal size and color : 200x100x100mm / Red
 Measured surface area : 20,000mm²
 Tested by : Al Hoty Stanger Ltd. Co.

TEST RESULTS

Specimen Ref #	Dimension L x W x H (mm)	Load (kN)	Compressive Strength (N/mm ²)	Corrected Compressive Strength (N/mm ²)	Compressive Strength (Psi)
R-1	200x100x100	910.5	45.5	56.4	8180
R-2	200x100x100	919.0	46.0	57.0	8270

Water Absorption :

Specimen Ref #	Saturated Weight (gm)	Oven Dry Weight (gm)	Water Absorption (%)
R-1	4672	4430	5.5
R-2	4650	4419	5.2

MOHAMED SHABREZ
 Department Manager(A)
 For AL HOTY-STANGER LTD. CO.



MUHAMMAD IRFAN ANJUM
 Lab Supervisor

Building # 2456 , Ihsan St. Al Taawun area, GCC Road Al-Khobar 31952
 This report relates only to the sample tested and shall only be reproduced in full with a written approval of AHSL testing laboratory

AHS/CS/TR-27/ISSUE.1/REV.0

Issue Date : 19/12/19

AL HOTY-STANGER LTD. CO.
INDEPENDENT LABORATORIES & MATERIALS TESTING

P.O. BOX 3072 Al-Khobar 31952 - Tel: (013) 889 1000 / 808 4317 / 808 7517 / 808 7518 / 808 5217 Fax: (013) 898-1466
 Jubail P.O. 467 - Tel: (013) 341-6791 Fax: (013) 341-0642 - Hofuf P.O. Box 2752 - Tel: (013) 586-3210 Fax: (013) 587-1420 - Riyadh P.O. Box 7359 - Tel: (011) 478-4292 Fax: (011) 479-2058
 Jeddah P.O. Box 8129 - Tel: (012) 660-1924 Fax: (012) 665-6742 - Yanbu - P.O. Box 30312 - Tel: (014) 322-5495 Fax: (014) 391-7471 - Jazan : Tel.: (017) 334-0518


Client Name : AL MOAJIL CEMENT PRODUCT PLANT
Sample Description : Quadro Paving Blocks
Date of Test : 07.07.2021
Condition of testing : As received
Nominal size and color : 200x80x60mm / Yellow-A
Measured surface area : 30902mm²
Tested by : Al Hoty Stanger Ltd. Co.

TEST RESULTS

Specimen Ref #	Dimension L x W x H (mm)	Load (kN)	Compressive Strength (N/mm ²)	Corrected Compressive Strength (N/mm ²)	Compressive Strength (Psi)
Y-1	200x80x60	2569.5	83.2	83.2	12060
Y-2	200x80x60	2529.5	81.9	81.9	11880

Water Absorption :

Specimen Ref #	Saturated Weight (gm)	Oven Dry Weight (gm)	Water Absorption (%)
Y-1	4531	4323	4.8
Y-2	4435	4206	5.4


MOHAMED SHABREZ
 Department Manager(A)
 For AL HOTY-STANGER LTD. CO.




MUHAMMAD IRFAN ANJUM
 Lab Supervisor

Building # 2456 , Ihsan St. Al Taawun area, GCC Road Al-Khobar 31952
 This report relates only to the sample tested and shall only be reproduced in full with a written approval of AHSI testing laboratory

AHS/CS/TR-27/ISSUE.1/REV.0

Issue Date : 19/12/19

AL HOTY-STANGER LTD. CO.
INDEPENDENT LABORATORIES & MATERIALS TESTING

P.O. BOX 3072 Al-Khobar 31952 - Tel: (013) 889 1000 / 808 4317 / 808 7517 / 808 7518 / 808 5217 Fax: (013) 898-1466

Jubail P.O. 467 - Tel: (013) 341-6791 Fax: (013) 341-0642 - Hofuf P.O. Box 2752 - Tel: (013) 586-3210 Fax: (013) 587-1420 - Riyadh P.O. Box 7359 - Tel: (011) 478-4292 Fax: (011) 479-2058
 Jeddah P.O. Box 8129 - Tel: (012) 660-1924 Fax: (012) 665-6742 - Yanbu - P.O. Box 30312 - Tel: (014) 322-5495 Fax: (014) 391-7471 - Jazan : Tel.: (017) 334-0518

TEST REPORT

REPORT ON CEMENT TILES

TEST METHOD: BS 4131-73

Date : 07.07.2021

Sample No. : 3987-2

Report No. : 20/2697-2

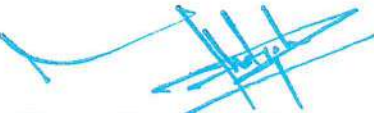
Page # 1 of 1

Client Name : AL MOAJIL CEMENT PRODUCT PLANT
 Sample Description : Cement Tiles
 Nominal Size : 400x400x50mm
 Date of Received : 28.06.2021
 Sampled by : Client

TEST RESULTS

Compressive Strength				
Ref. No.	Cut-out specimen Dimension L x W x H(mm)	Compressive Strength		
		Load (kN)	(Mpa)	(Psi)
A	50x50x50	110.5	44.2	6410
B	50x50x50	108	43.2	6260




MOHAMED SHABREZ
 Department Manager(A)
 For AL HOTY-STANGER LTD. CO.


MUHAMMAD IRFAN ANJUM
 Lab Supervisor

Building # 2456 , Ihsan St. Al Taawun area, GCC Road Al-Khobar 31952
 This report relates only to the sample tested and shall only be reproduced in full with a written approval of AHSL testing laboratory

AL HOTY-STANGER LTD. CO.
INDEPENDENT LABORATORIES & MATERIALS TESTING

P.O. BOX 3072 Al-Khobar 31952 - Tel: (013) 889 1000 / 808 4317 / 808 7517 / 808 7518 / 808 5217 Fax: (013) 898-1466
 Jubail P.O. 467 - Tel: (013) 341-6791 Fax: (013) 341-0642 - Hofuf P.O. Box 2752 - Tel: (013) 586-3210 Fax: (013) 587-1420 - Riyadh P.O. Box 7359 - Tel: (011) 478-4292 Fax: (011) 479-2058
 Jeddah P.O. Box 8129 - Tel: (012) 660-1924 Fax: (012) 665-6742 - Yanbu - P.O. Box 30312 - Tel: (014) 322-5495 Fax: (014) 391-7471 - Jazan : Tel.: (017) 334-0518

TEST REPORT

REPORT ON CEMENT TILES

TEST METHOD: BS 4131-73

Date : 07.07.2021

Sample No. : 3987-1

Report No. : 20/2697-1

Page # 1 of 1

Client Name : AL MOAJIL CEMENT PRODUCT PLANT
 Sample Description : Cement Tiles
 Nominal Size : 400x400x40mm
 Date of Received : 28.06.2021
 Sampled by : Client

TEST RESULTS

Compressive Strength				
Ref. No.	Cut-out specimen Dimension L x W x H(mm)	Compressive Strength		
		Load (kN)	(Mpa)	(Psi)
A	40x40x40	49.8	31.1	4510
B	40x40x40	50.1	31.3	4540



MOHAMED SHABREZ
 Department Manager(A)
 For AL HOTY-STANGER LTD. CO.

MUHAMMAD IRFAN ANJUM
 Lab Supervisor

Building # 2456 , Ihsan St. Al Taawun area, GCC Road Al-Khobar 31952
 This report relates only to the sample tested and shall only be reproduced in full with a written approval of AHSL testing laboratory

AL HOTY-STANGER LTD. CO.
 INDEPENDENT LABORATORIES & MATERIALS TESTING

P.O. BOX 3072 Al-Khobar 31952 - Tel: (013) 889 1000 / 808 4317 / 808 7517 / 808 7518 / 808 5217 Fax: (013) 898-1466
 Jubail P.O. 467 - Tel: (013) 341-6791 Fax : (013) 341-0642 - Hofuf P.O. Box 2752 - Tel: (013) 586-3210 Fax: (013) 587-1420 - Riyadh P.O. Box 7359 - Tel: (011) 478-4292 Fax: (011) 479-2058
 Jeddah P.O. Box 8129 - Tel: (012) 660-1924 Fax: (012) 665-6742 - Yanbu - P.O. Box 30312 - Tel: (014) 322-5495 Fax: (014) 391-7471 - Jazan : Tel.: (017) 334-0518

TEST REPORT

COMPRESSIVE STRENGTH OF CONCRETE CUBES

BS 1881 : PART 116 : 1983 (AMDs 6097 and 6720)

Date : 24.06.2021

Sample No. : C&S: 3945-1

Report No. : 20/2655-1

Page # 1 of 1

Client : AL MOAJIL CEMENT PRODUCT PLANT

Project : -

DESCRIPTION OF SPECIMENS

Number and Size : 2 No. 100mm cube Sampling done by : Client
 Kerb Stone : 50x20x10cm

Description of Specimens							
AHSL Cube Number		1	2				
ID Mark on Cube		-	-				
Location / Structure		Kerb Stone					
Mix / Grade of Concrete	Psi						
Specimens Received on		22.06.2021					
Casting Date*							
Testing Date		24.06.21	24.06.21				
Age of Test (days)		-	-				
Condition of Specimen ^a		GOOD					

* As per data provided

TEST RESULTS

Measured Dimensions (mm)	Length	100					
	Width	100					
	Height	100					
Cross-Section area	mm ²	10000					
Moisture Condition at Testing		as received condition					
Density (saturated) ^b	kg/m ³	2170	2170				
Maximum Load at Failure	(kN)	319.0	323.0				
Compressive Strength	Mpa	31.9	32.3				
	Psi	4630	4680				
Type of Fracture		Satisfactory					
Weight in Air (Saturated)	(g)	2168	2167				

Note: Fins removed manually

- a - A - poor compaction, B - honeycombing, C - bad dimensions
 b - Water replacement method

Conditions of Curing:

On receipt, cubes were cured in water until they are tested in accordance with the requirements of the current edition of BS 1881 : Part 116 : 1983.

MOHAMED SHABREZ
 Department Manager(A)
 Construction Materials Department
 For AL HOTY-STANGER LTD. CO.

MUHAMMAD IRFAN ANJUM
 Lab Supervisor

Building # 2456, Ihsan St. Al Taawun area, GCC Road Al-Khobar 31952

This report relates only to the sample tested and shall only be reproduced in full with a written approval of AHSL testing laboratory

AHS/CS/TR-29/ISSUE.1/REV.0

Issue Date: 22/12/19

AL HOTY-STANGER LTD. CO.
 INDEPENDENT LABORATORIES & MATERIALS TESTING

P.O. BOX 3072 Al-Khobar 31952 - Tel: (013) 889 1000 / 808 4317 / 808 7517 / 808 7518 / 808 5217 Fax: (013) 898-1466
 Jubail P.O. 467 - Tel: (013) 341-6791 Fax: (013) 341-0642 - Hofuf P.O. Box 2752 - Tel: (013) 586-3210 Fax: (013) 587-1420 - Riyadh P.O. Box 7359 - Tel: (011) 478-4292 Fax: (011) 479-2058
 Jeddah P.O. Box 8129 - Tel: (012) 660-1924 Fax: (012) 665-6742 - Yanbu - P.O. Box 30312 - Tel: (014) 322-5495 Fax: (014) 391-7471 - Jazan : Tel.: (017) 334-0518

TEST REPORT

COMPRESSIVE STRENGTH OF CONCRETE CUBES

BS 1881 : PART 116 : 1983 (AMDs 6097 and 6720)

Date : 24.06.2021

Sample No. : C&S: 3945-2

Report No. : 20/2655-2

Page # 1 of 1

Client : AL MOAJIL CEMENT PRODUCT PLANT

Project : -

DESCRIPTION OF SPECIMENS

Number and Size : 2 No. 100mm cube

Sampling done by : Client

Kerb Stone : 50x30x10cm

Description of Specimens							
AHSL Cube Number		1	2				
ID Mark on Cube		-	-				
Location / Structure		Kerb Stone					
Mix / Grade of Concrete	Psi	-					
Specimens Received on		22.06.2021					
Casting Date*		-					
Testing Date		24.06.21	24.06.21				
Age of Test (days)		-	-				
Condition of Specimen ^a		GOOD					

* As per data provided

TEST RESULTS

Measured Dimensions (mm)	Length	100					
	Width	100					
	Height	100					
Cross-Section area	mm ²	10000					
Moisture Condition at Testing		as received condition					
Density (saturated) ^b	kg/m ³	2190	2170				
Maximum Load at Failure	(kN)	325.0	320.0				
Compressive Strength	Mpa	32.5	32.0				
	Psi	4710	4640				
Type of Fracture		Satisfactory					
Weight in Air (Saturated)	(g)	2191	2170				

Note: Fins removed manually

- a - A - poor compaction, B - honeycombing, C - bad dimensions.
b - Water replacement method

Conditions of Curing:

On receipt, cubes were cured in water until they are tested in accordance with the requirements of the current edition of BS 1881 : Part 116 : 1983.

MOHAMED SHABREZ

Department Manager(A)
Construction Materials Department
For AL HOTY-STANGER LTD. CO.

MUHAMMAD IRFAN ANJUM
Lab Supervisor

Building # 2456, Ihsan St. Al Taawun area, GCC Road Al-Khobar 31952

This report relates only to the sample tested and shall only be reproduced in full with a written approval of AHSL testing laboratory

AHS/CS/TR-29/ISSUE.1/REV.0

Issue Date: 22/12/19

AL HOTY-STANGER LTD. CO.

INDEPENDENT LABORATORIES & MATERIALS TESTING

P.O. BOX 3072 Al-Khobar 31952 - Tel: (013) 889 1000 / 808 4317 / 808 7517 / 808 7518 / 808 5217 Fax: (013) 898-1466

Jubail P.O. 467 - Tel: (013) 341-6791 Fax: (013) 341-0642 - Hofuf P.O. Box 2752 - Tel: (013) 586-3210 Fax: (013) 587-1420 - Riyadh P.O. Box 7359 - Tel: (011) 478-4292 Fax: (011) 479-2058
Jeddah P.O. Box 8129 - Tel: (012) 660-1924 Fax: (012) 665-6742 - Yanbu - P.O. Box 30312 - Tel: (014) 322-5495 Fax: (014) 391-7471 - Jazan : Tel.: (017) 334-0518

DESIGN NOTES

1. SIGN TO MEET SPECIFICATION ANSI Z39-18, APPENDIX A9.1, A9.2, 16, 17, 18, 19, 20, AND 19.5.
2. LETTERING SOLID BLACK ON YELLOW
3. BACKGROUND
4. ARROWS SOLID BLACK ON YELLOW
5. BACK GROUND
6. FOR COLOR SPECIFICATION SEE BRITISH STANDARD BS-3915, YELLOW COLOR NO. BS-399.
5. CORNERS OF SIGNS TO BE ROUNDED AND EDGES TO BE SMOOTHED SO AS TO AVOID PERSONAL INJURY.
6. ALL DIMENSIONS IN MILLIMETERS UNLESS OTHERWISE NOTED.

CONSTRUCTION NOTES

- [illegible]

ARTERIAL CODE

CODE	ANS NO.	DESCRIPTION
1	09-259-110	SLAB, CONCRETE, 15' x 305' x 15' mm
2	11-086-605	MUSKEY ANCHOR BOLT
3	11-291-323	SCREW MACHINE
4	21-565-135	NO. 10 SIZE X 25mm LG
5	21-565-084	WARNING SIGN, DOUBLE
6	21-565-140	WARNING SIGN, SINGLE
7	21-565-894	POINTED ARROW
8	10-803-711	WARNING SIGN, OBLIQUE
9	10-803-711	WARNING SIGN
10	10-803-711	WASHER, FOR NO. 10 SCREW

METRIC DIMENSIONS OF STOCK ITEMS ARE
A DIRECT CONVERSION OF CONVENTIONAL
UNITS TO METRIC UNITS.

1. ELECTRICAL SYNOUSIAL COMPLEXES

[illegible]

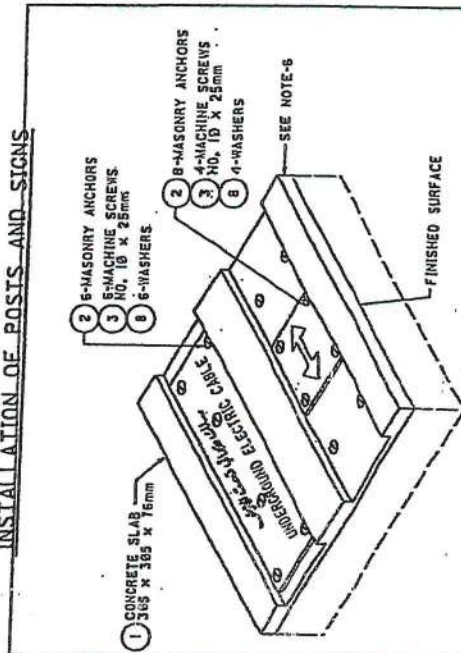
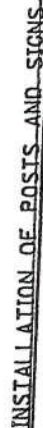
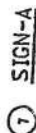
SAUDI ARABIAN OIL COMPANY

SEARCHED BY 16 MONTH DIRECTED BY F.A.B. SCALE 1015
1978 STANCO DATE COMPLETED 01-22-77
FOV. DIST. _____

2170	4111 EXP. 01/01/03 T-1000
01/01/03	4111 EXP. 01/01/03 T-1000

SURFACE MARKER

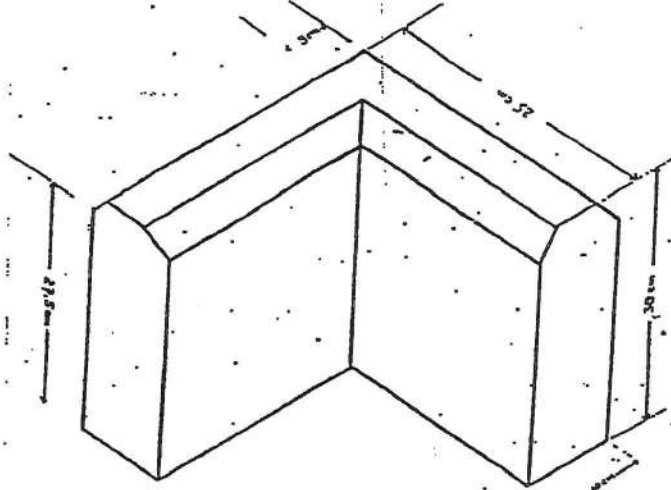
990	P	990	AB-036273	001	05
PLANT NO.	PLANT	SUBMITTER NO.	DATE	BY	REMARKS
UNDERGROUND ELECTRIC CABLE					



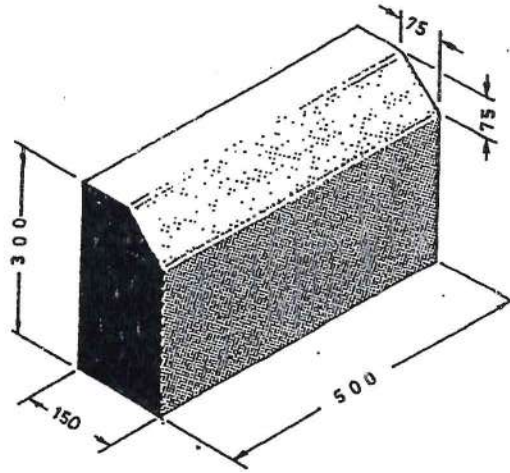
CABLE MARKER

Kerb - stones

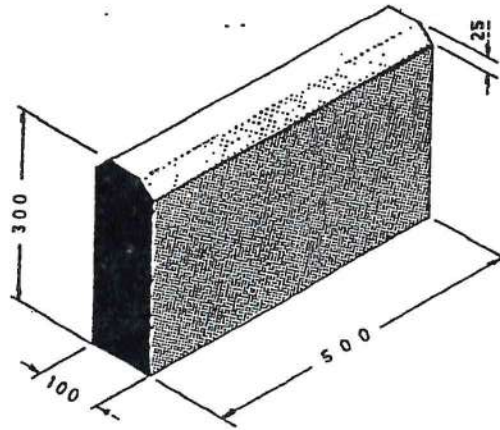
1)



2)



3)

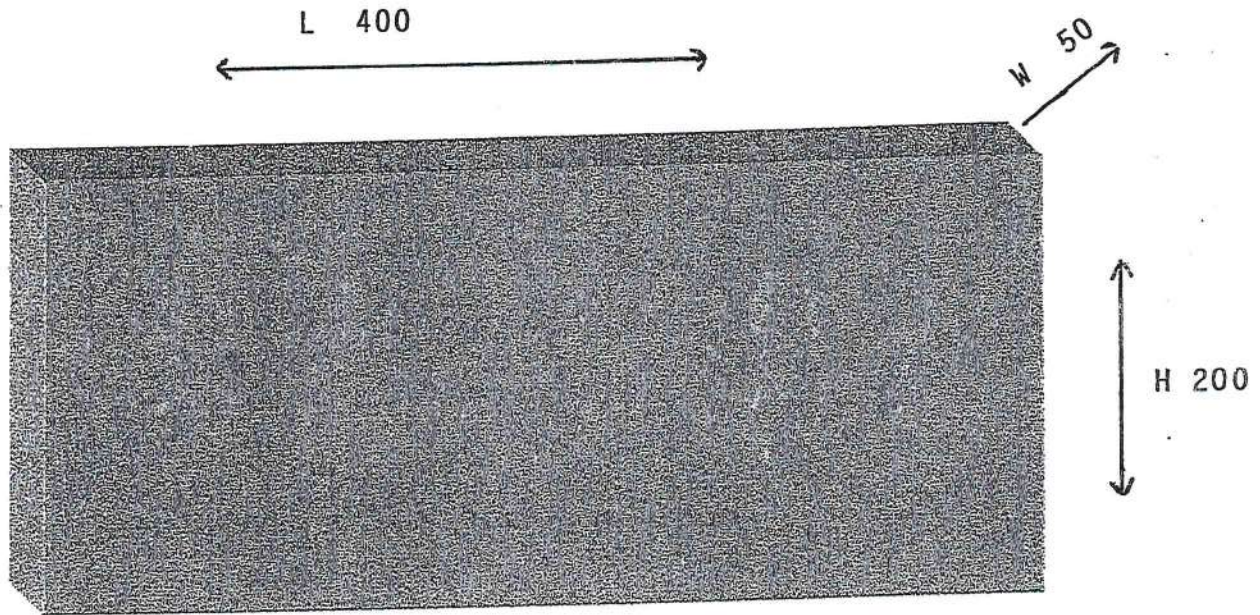


CABLE COVER (RED & GRAY COLOR)

Length - 400 mm

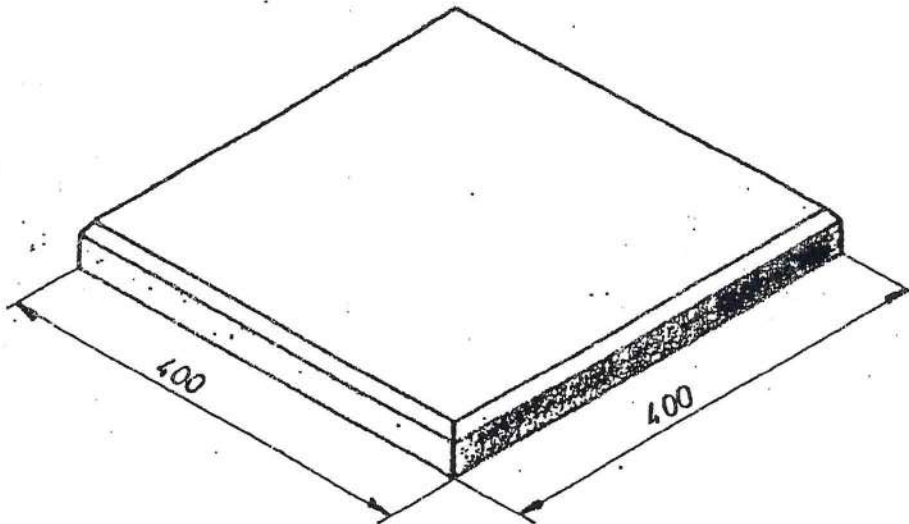
Height - 200 mm

Width - 50 mm



All kinds of Paving Tiles

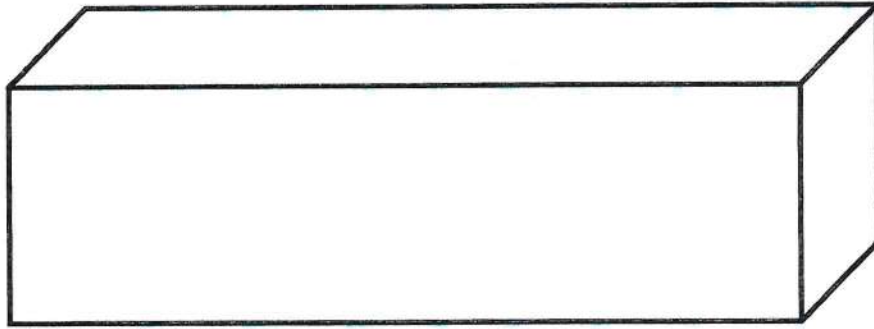
1)



CURBSTONE FLAT- 15X30X50CM

العرض

15 سم



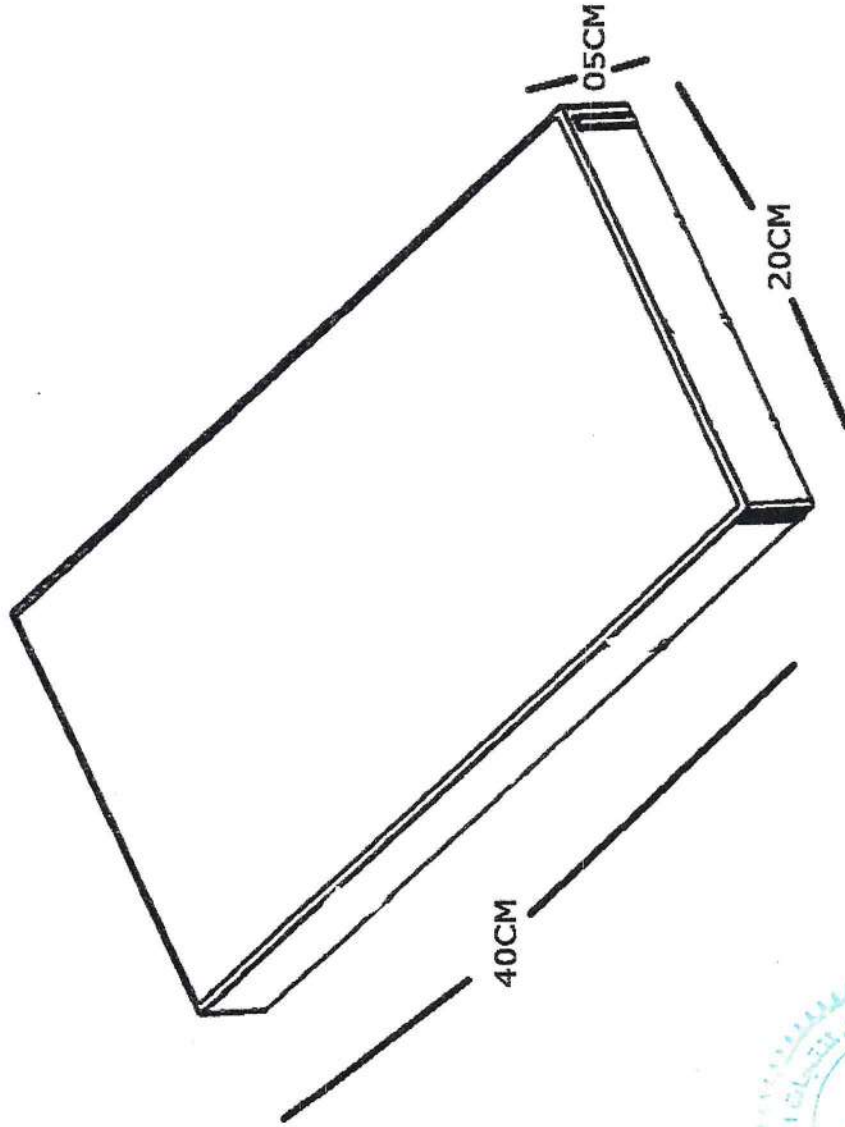
الارتفاع

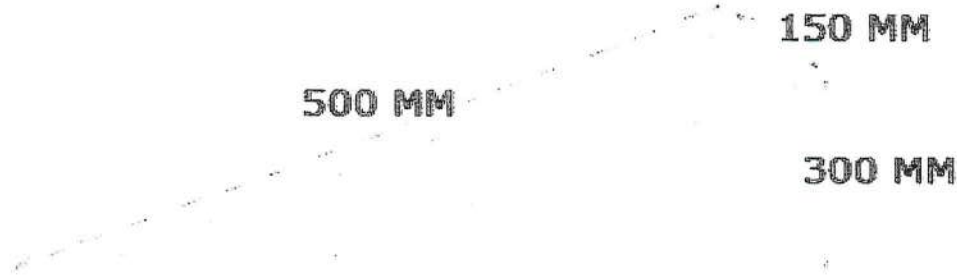
30 سم

الطول 50 سم

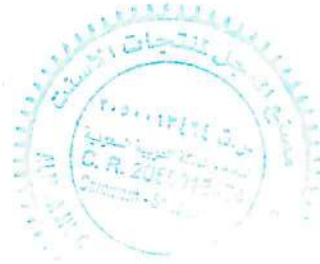


RED CABLE TILES 05X20X40CM



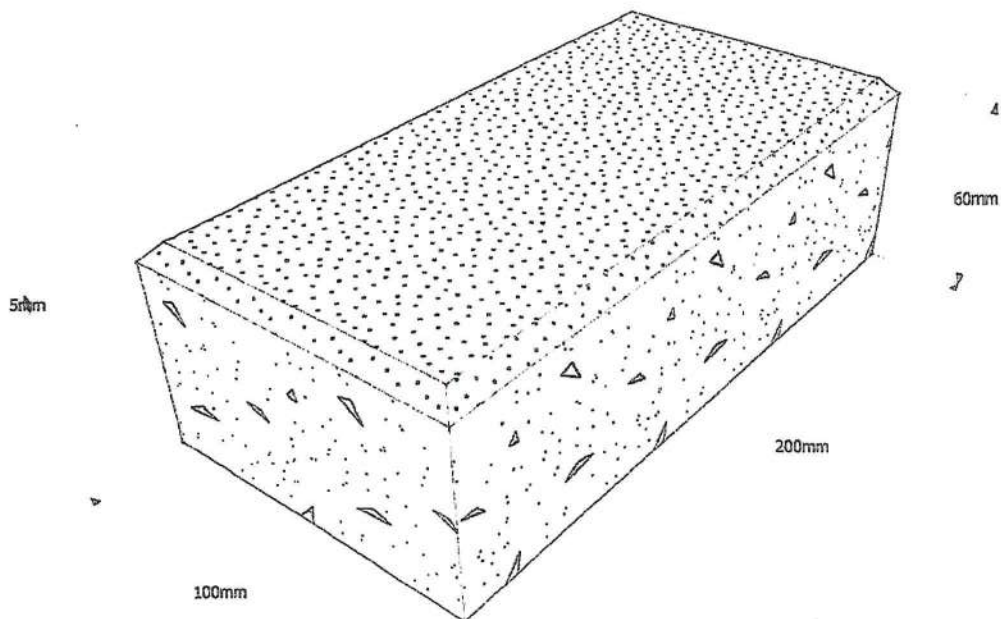


FLAT CURBSTONE 15X30X50CM



CONCRETE BRICK PAVER

Product Name : Brick Paver Gray (200x100x60mm) Rough (Gray Cement, Full Color)
Product Code : PV60-63
Category : Concrete Brick Paver Rough Finish

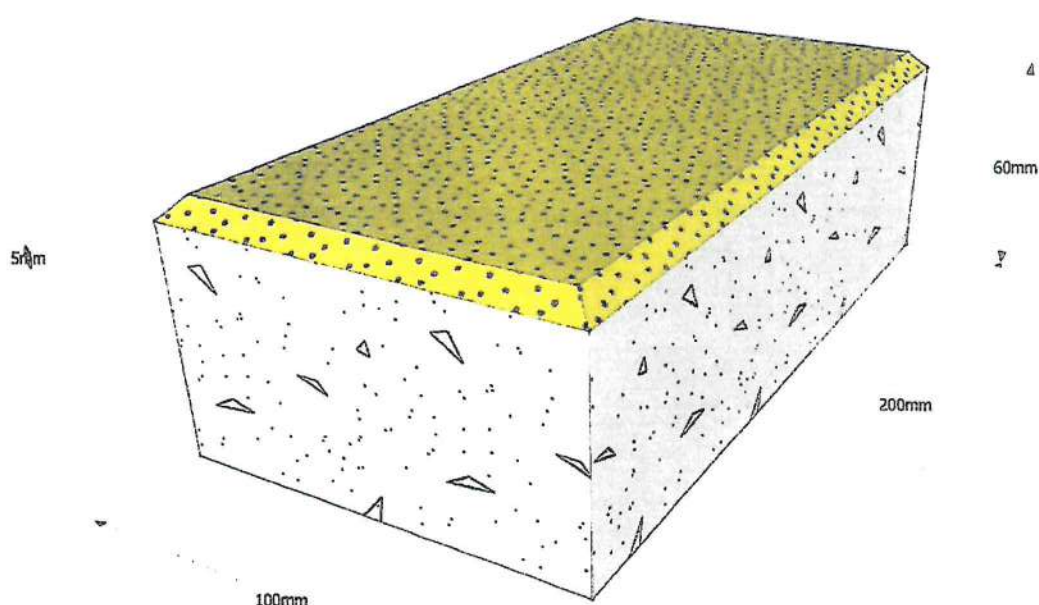


Technical & Physical Properties

Property	Value
Product Dimension (R.C. SECTION 02780)	200x100x60mm
Dimensional Tolerance (R.C. SECTION 02780)	±3mm
Net Dry Density (R.C. SECTION 02780)	2000-2300 kg/m³
Class (R.C. SECTION 02780)	Normal Weight
Compressive Strength (R.C. SECTION 02780)	35 MPa
Texture Finish	Rough
Color	Gray
Weight (Average)	2.70 kg
Fire Resistance	N/A
Quantity per Pack	500 nos. (10.0 m²)

CONCRETE BRICK PAVER

Product Name : Brick Paver Yellow (200x100x60mm) Rough (White Cement Facing, Gray Bottom)
Product Code : PV60-72
Category : Concrete Brick Paver Rough Finish

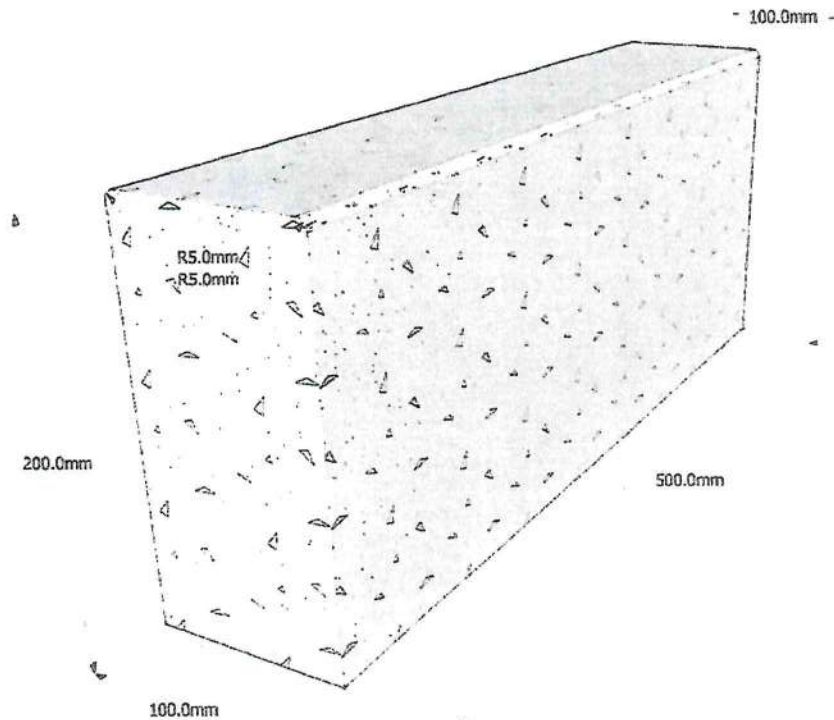


Technical & Physical Properties

Property	Value
Product Dimension (R.C. SECTION 02780)	200x100x60mm
Dimensional Tolerance (R.C. SECTION 02780)	±3mm
Net Dry Density (R.C. SECTION 02780)	2000-2300 kg/m³
Class (R.C. SECTION 02780)	Normal Weight
Compressive Strength (R.C. SECTION 02780)	35 MPa
Texture Finish	Rough
Color	Yellow
Weight (Average)	2.70 kg
Fire Resistance	N/A
Quantity per Pack	500 nos. (10.0 m²)

CONCRETE CURB

Product Name : Concrete Curb (500x100x200mm)
Product Code : CB00-01
Category : Concrete Curb

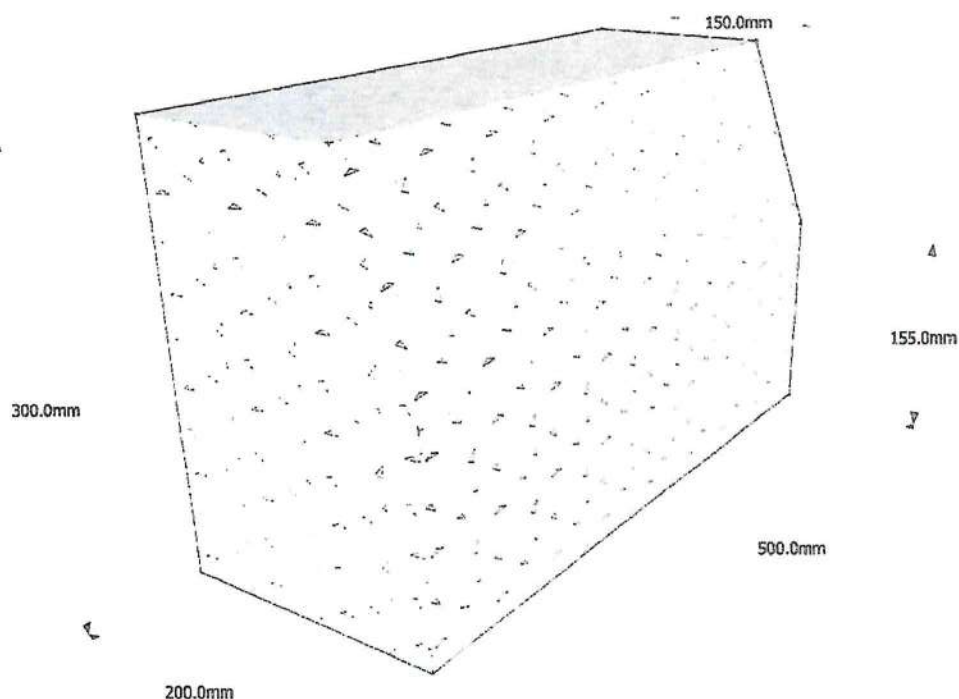


Technical & Physical Properties

Property	Value
Product Dimension (R.C. SECTION 02770)	500x100x200mm
Dimensional Tolerance (R.C. SECTION 02770)	±3mm
Net Dry Density (R.C. SECTION 02770)	2000-2300 kg/m³
Class (R.C. SECTION 02770)	Normal Weight
Compressive Strength (R.C. SECTION 02770)	30 MPa
Texture Finish	Standard
Color	Gray
Weight (Average)	22.5 kg
Fire Resistance	N/A
Quantity per Pack	88 nos. (44.0 m)

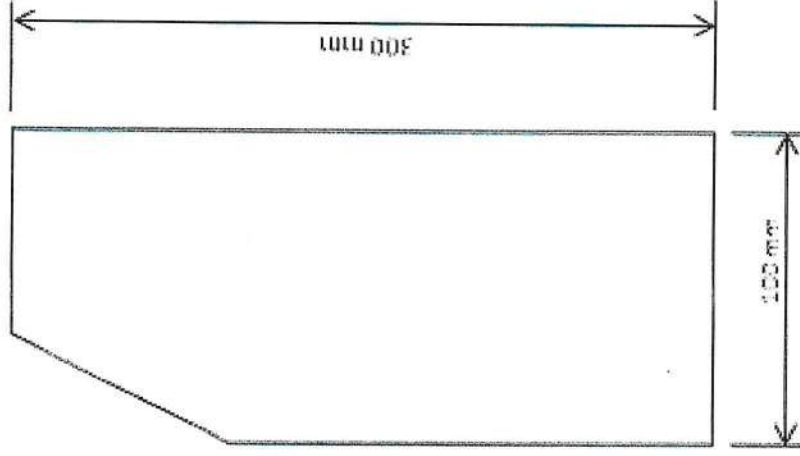
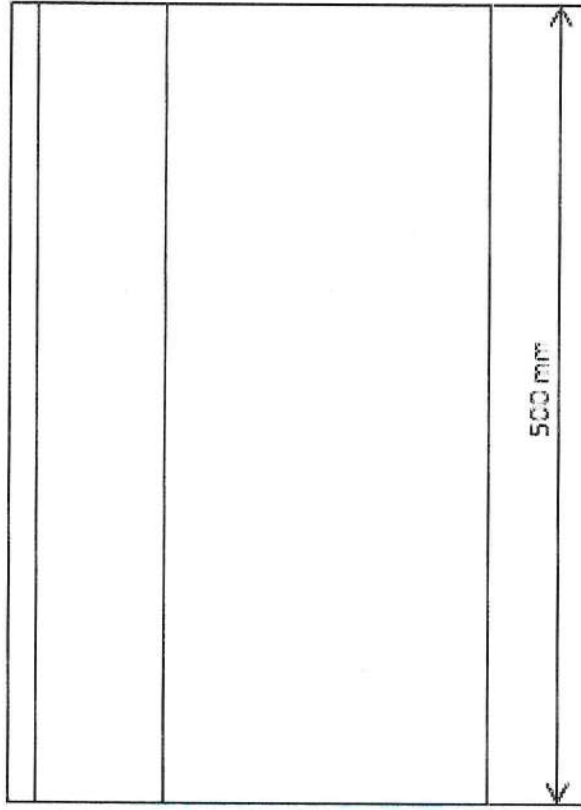
CONCRETE CURB

Product Name : Concrete Curb (500x200x300mm)
Product Code : CB00-06
Category : Concrete Curb



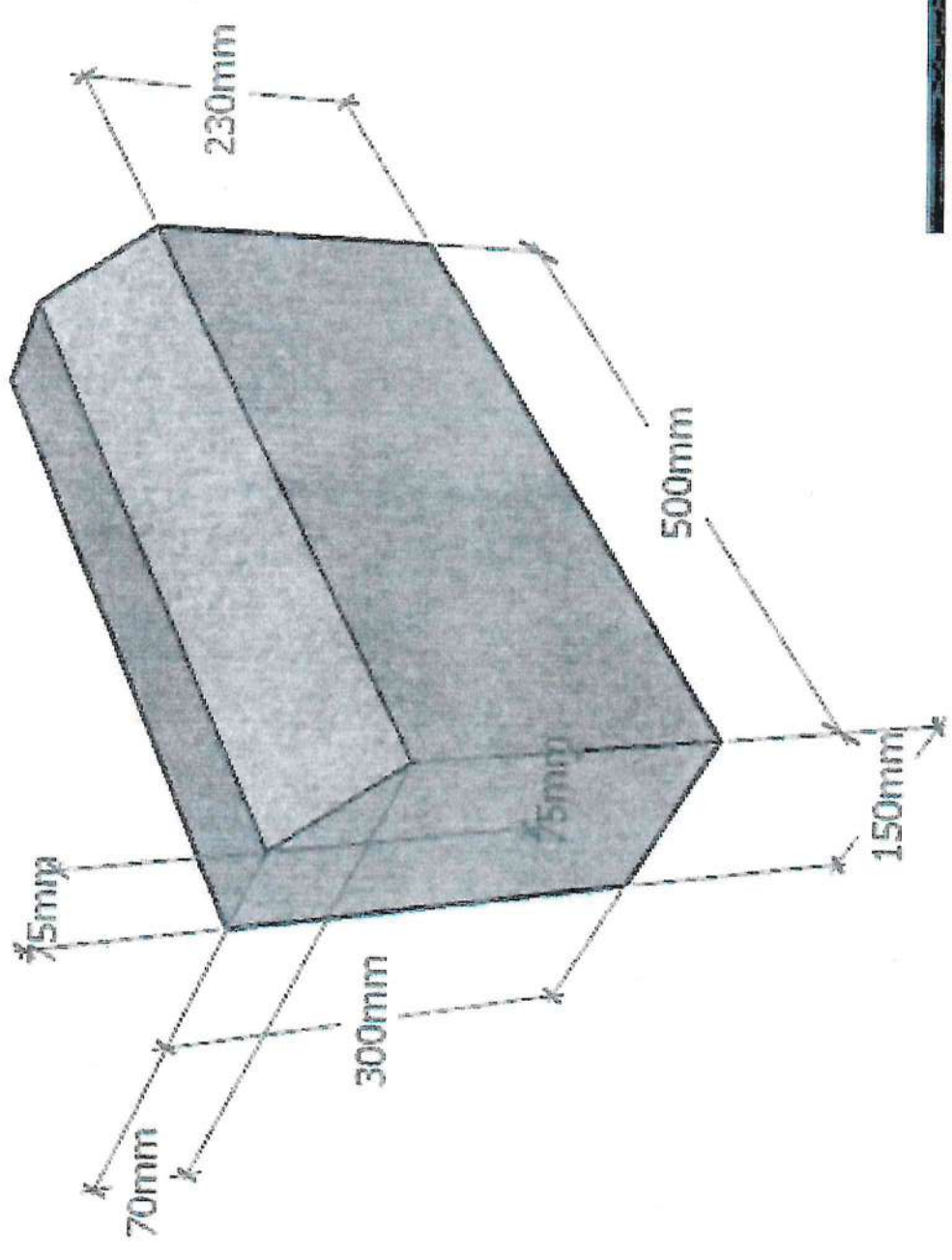
Technical & Physical Properties

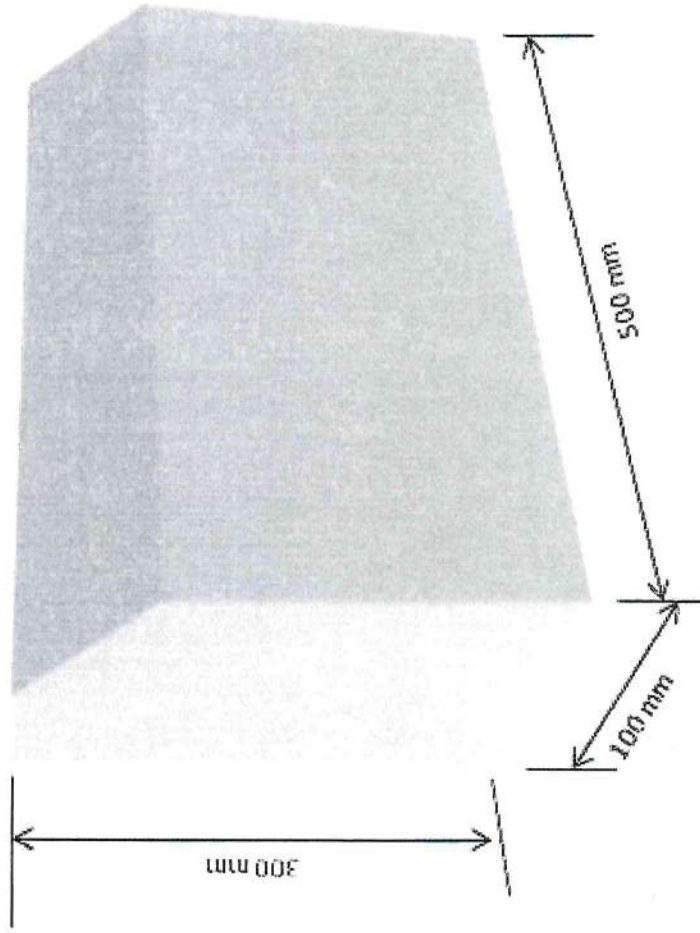
Property	Value
Product Dimension (R.C. SECTION 02770)	500x200x300mm
Dimensional Tolerance (R.C. SECTION 02770)	±3mm
Net Dry Density (R.C. SECTION 02770)	2000-2300 kg/m³
Class (R.C. SECTION 02770)	Normal Weight
Compressive Strength (R.C. SECTION 02770)	30 MPa
Texture Finish	Standard
Color	Gray
Weight (Average)	60.0 kg
Fire Resistance	N/A
Quantity per Pack	36 nos. (18.0 m)



Curb stone
500X300X100

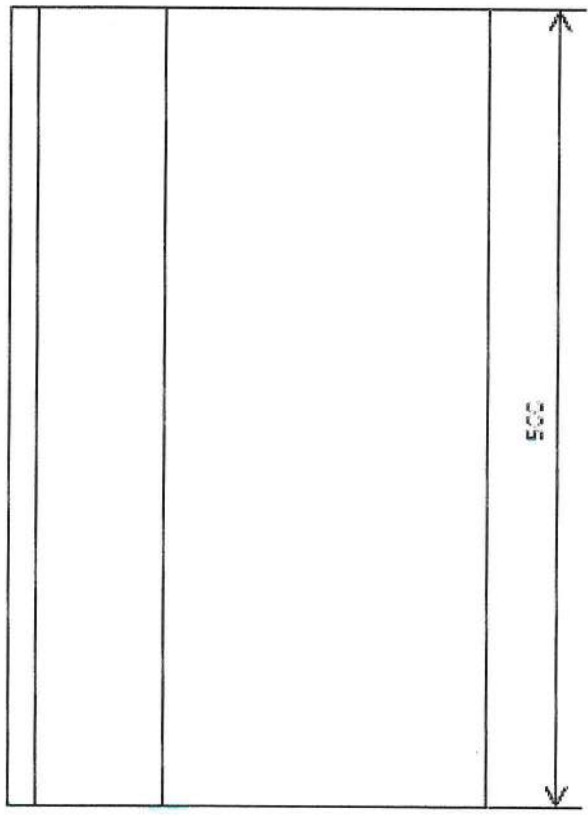
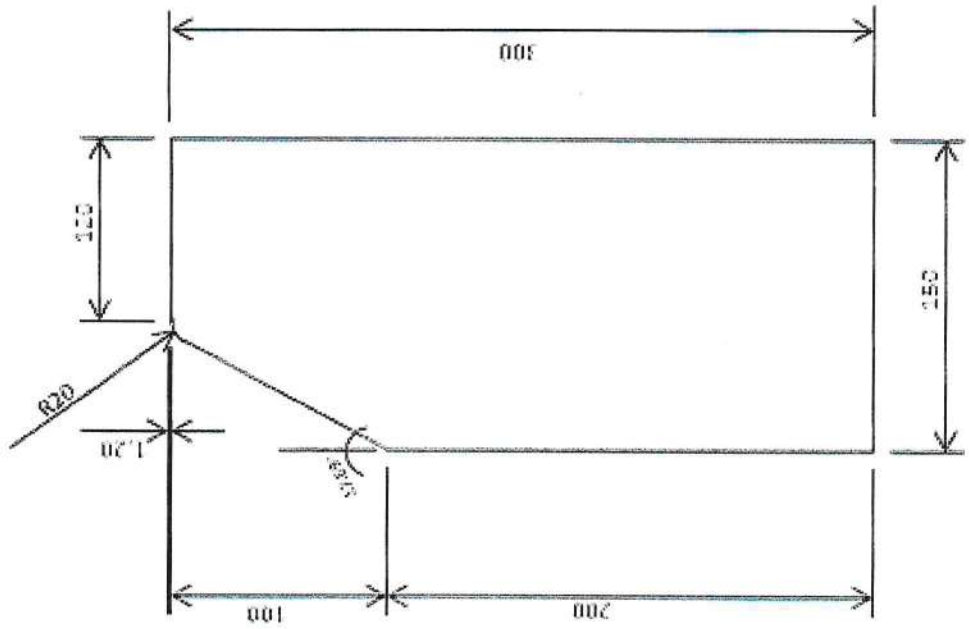
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCE: ±1				Curb stone 500X300X100	
LINER: ANGULAR:				<div> <div></div> <div>23/04/2018</div> </div>	
	Name	Signature	Date		
DRAWN	<i>Saeed</i>				
CHK'D					
APPV'D					
Q.A					
AL MOAIL CEMENT PRODUCTS PLANT DAMMAM , SAUDI ARABIA				<div> <div>20312</div> <div>MCP140258</div> </div>	





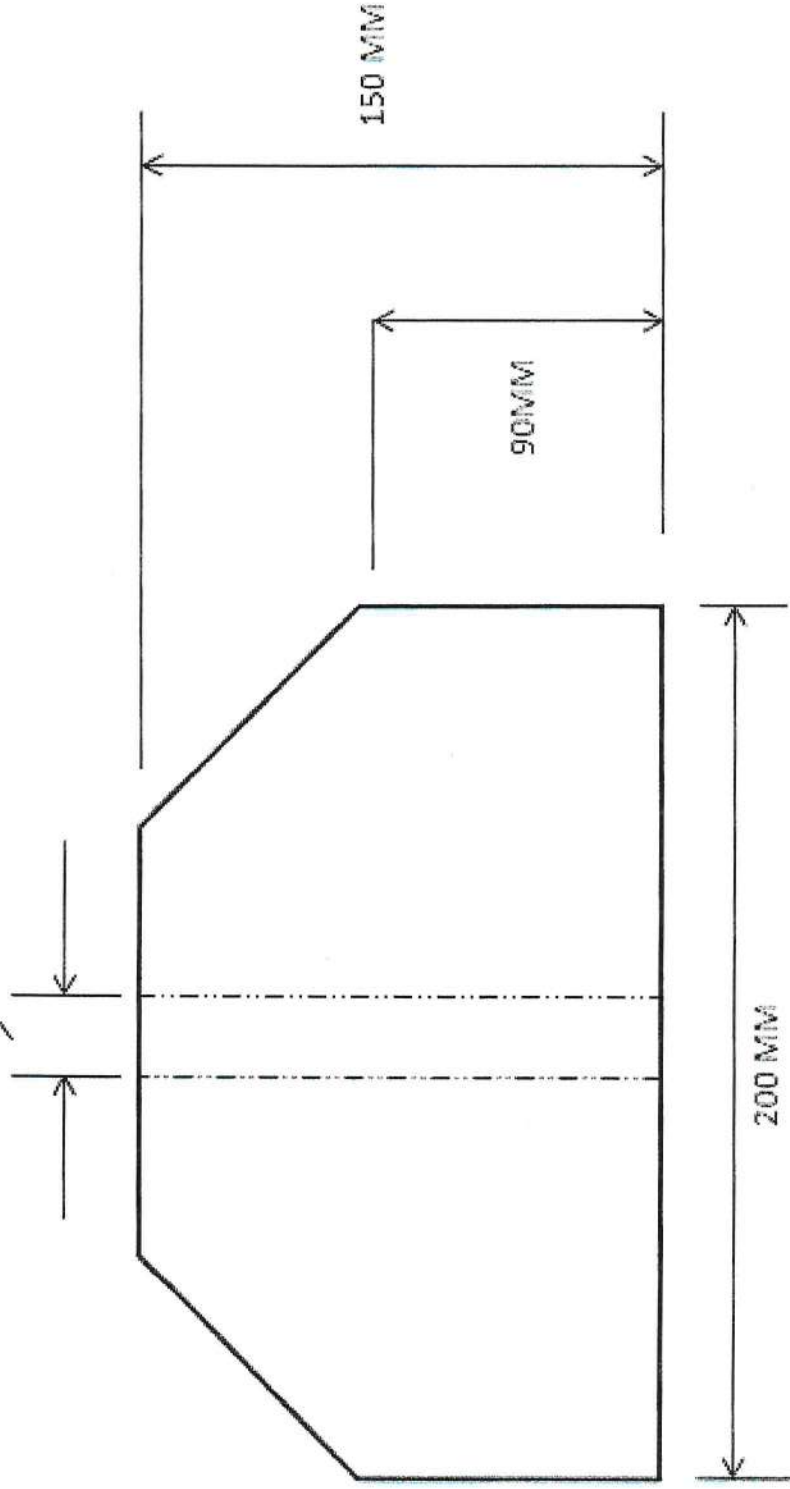
Curb stone
500X300X100

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCE: ±1 LINER: ANGULAR:				Curb stone 500X300X100
NAME	SIGNATURE	DATE		
DRAWN	<i>Saxat</i>	23/04/2018		
CHK'D				
APPV'D				
Q.A				
ALMOAJIL CEMENT PRODUCTS PLANT DAMMAM, SAUDI ARABIA				Page No MCP140258



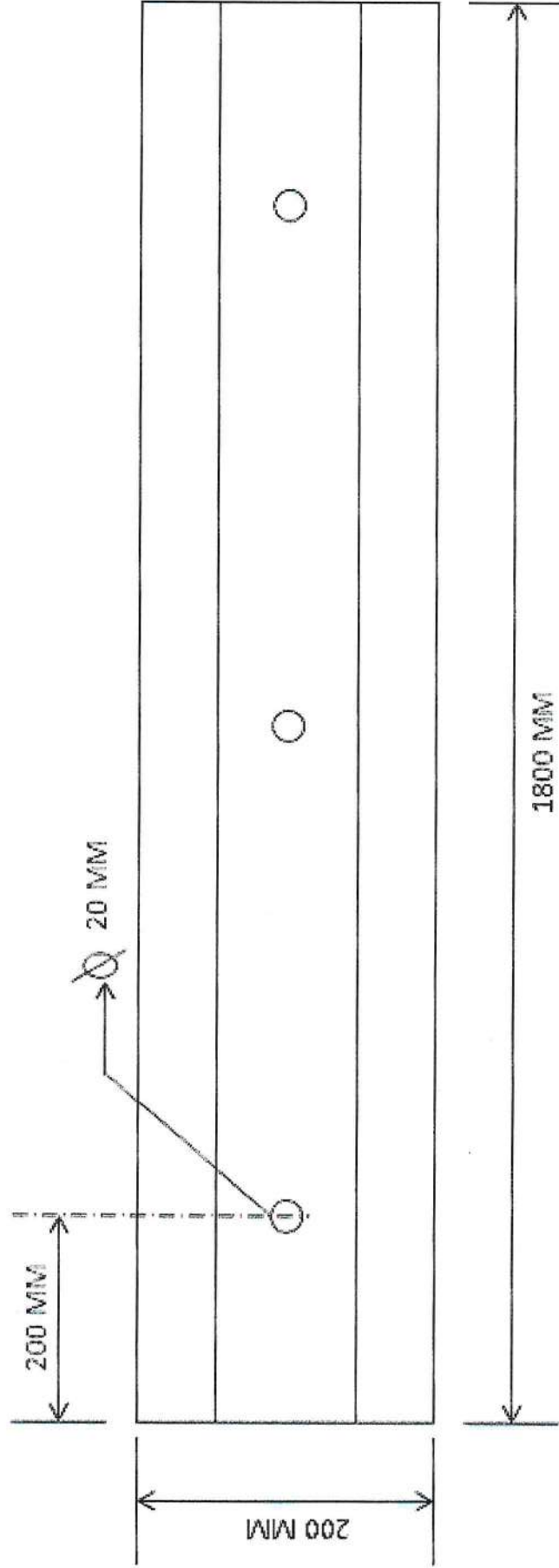
Note : All dimensions are in mm

Ø 20 MM



PARKING BUMPER
1800X200X150

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCE: ±1			Parking Bumper 1800X200X150
LINER: ANGULAR:		Date	
Name	Signature	23/04/2018	
DRAWN	Saeed		
CHK'D			
APPV'D			
Q.A.			
AL MOAJILEMENT PRODUCTS PLANT DAMMAM , SAUDI ARABIA			2018 MCP140256



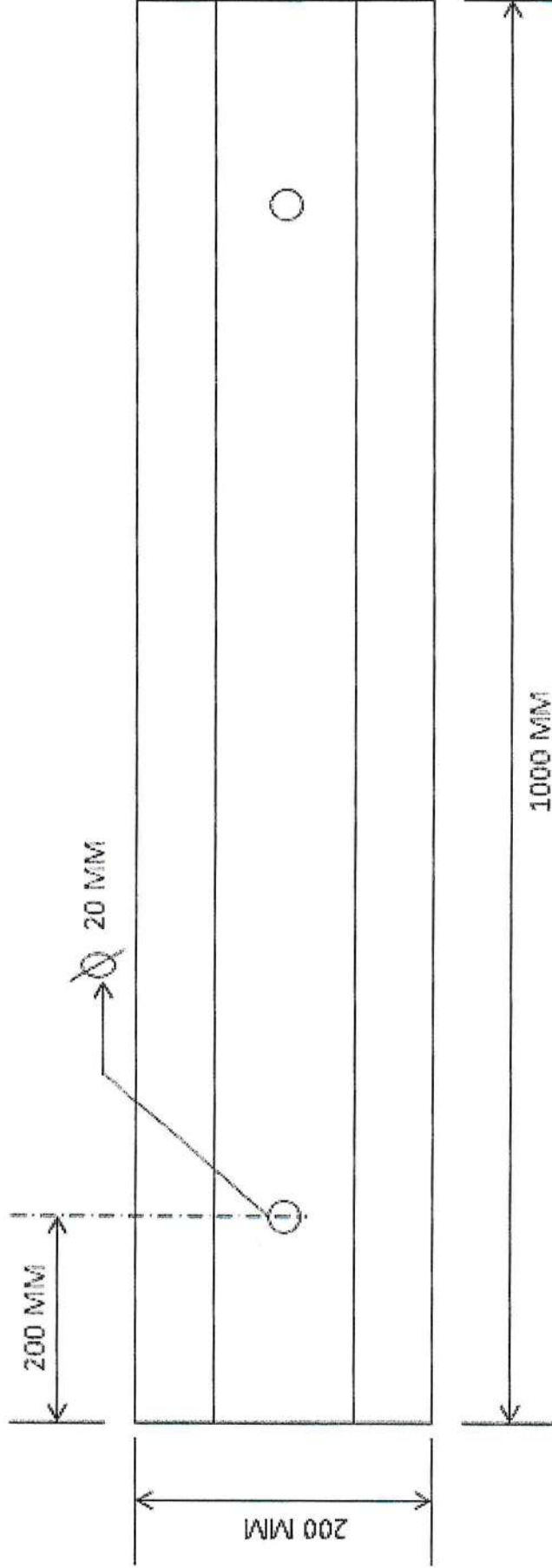
PARKING BUMPER
1800X200X150

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCE: ±1			Parking Bumper 1800X200X150
LAYER:		Date	
ANGULAR:		23/04/2018	
DRAWN	Name <i>Saeed</i>	Signature	2018 12 MCP140256
CHK'D			
APPV'D			
Q.A			
ALMOAJIL CEMENT PRODUCTS PLANT DAMMAM, SAUDI ARABIA			



PARKING BUMPER
1000X200X150

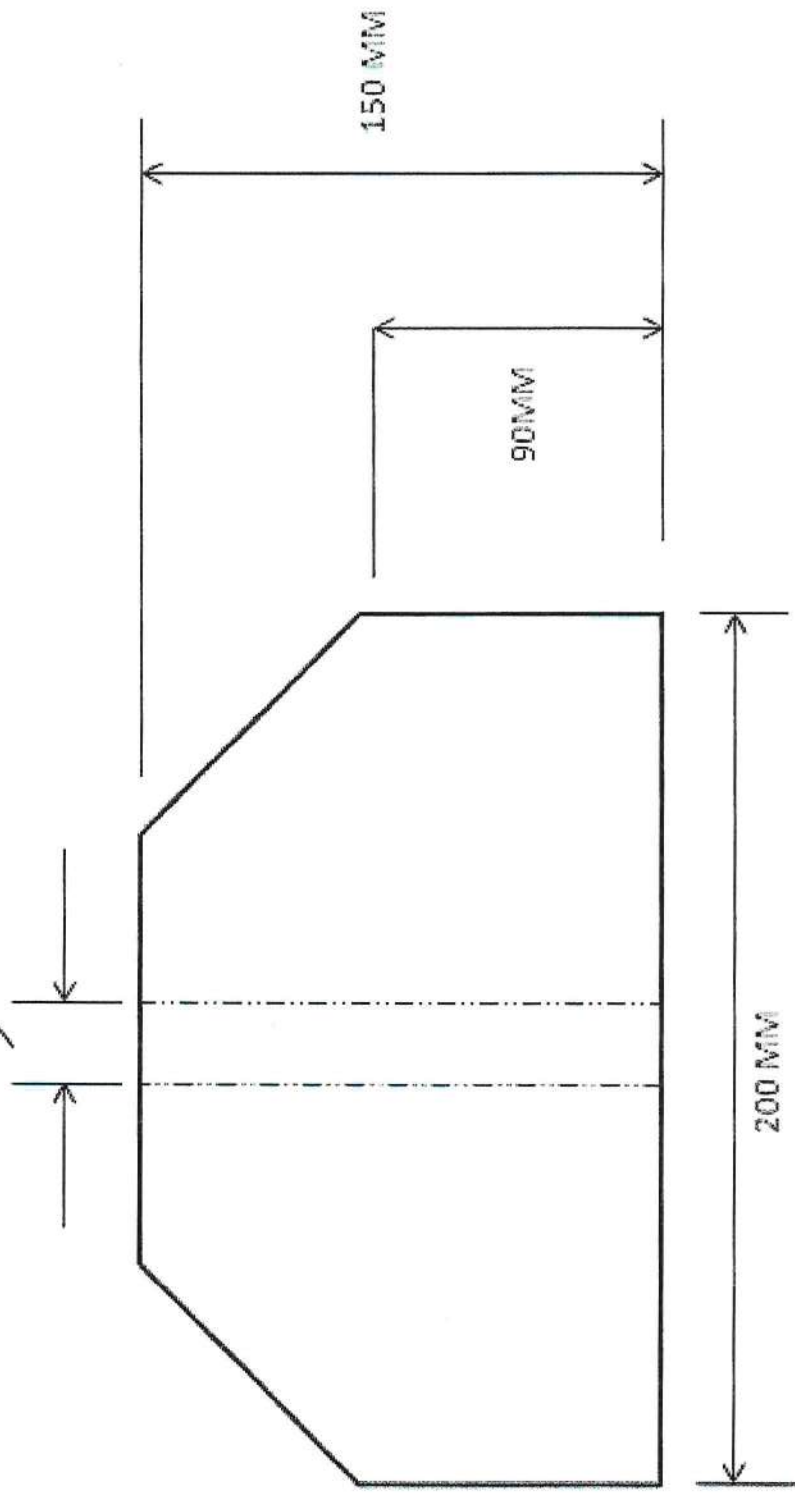
20375
MCP140255



PARKING BUMPER
1000X200X150

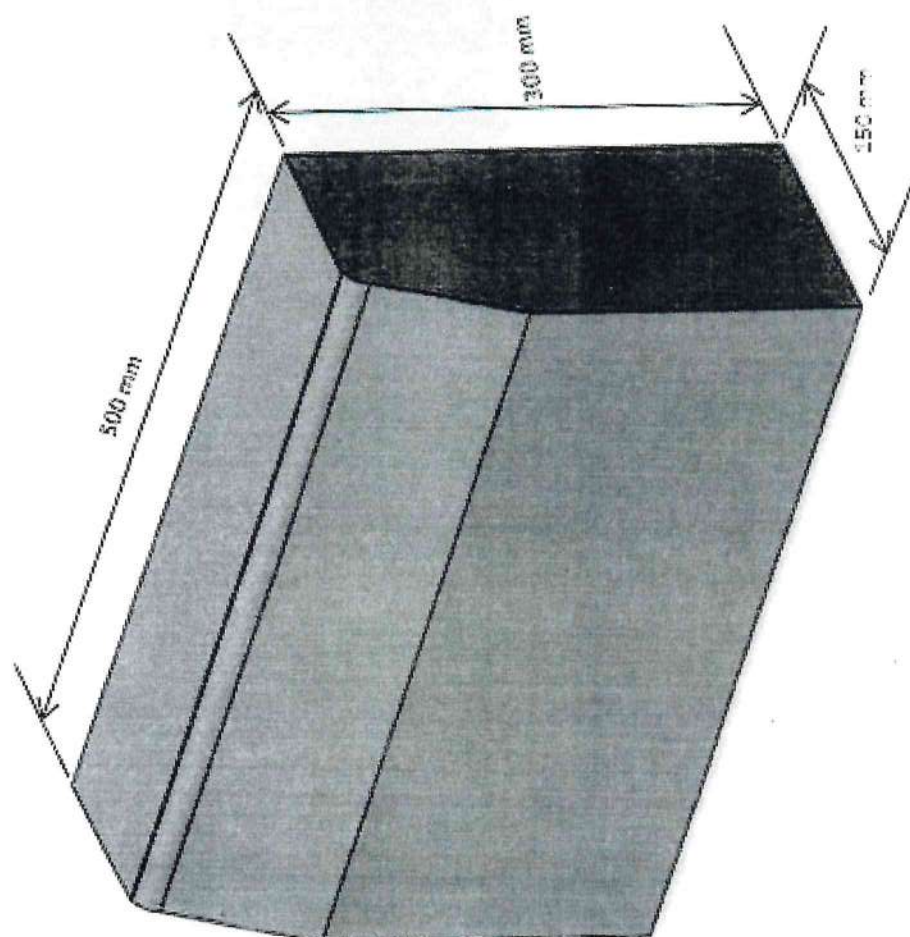
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCE: ±1			Parking Bumper 1000X200X150
LINER: ANGULAR:			
	Name	Signature	
DRAWN	Saeed		
CHK'D			
APPV'D			20.6.12 MCP140255
Q.A			
ALMOAJIL CEMENT PRODUCTS PLANT DAMMAM , SAUDI ARABIA			

Ø 20 MM



**PARKING BUMPER
1000X200X150**

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCE: ±1 LINER: ANGULAR:			Parking Bumper 1000X200X150	
Name		Signature	Date	
DRAWN		<i>Saeed</i>	23/04/2018	
CHK'D				
APPV'D				
Q.A.				
ALMOAJIL CEMENT PRODUCTS PLANT DAMMAM, SAUDI ARABIA				Page 2 MCP140255



QA/QC MANUAL

TABLE OF CONTENTS

Section 1 QUALITY POLICY and AUTHORITY

Section 2 MANAGEMENT RESPONSIBILITY

Section 3 QUALITY SYSTEMS

Section 4 PROJECT REVIEW and SETUP

Section 5 DOCUMENT CONTROL

Section 6 PURCHASING AND MATERIAL CONTROL

Section 7 MATERIAL CERTIFICATION & TRACEABILITY

Section 8 PROCESS CONTROLS

Section 9 INSPECTIONS AND TESTING

Section 10 INSPECTION, MEASURING, and TEST EQUIPMENT

Section 11 CONTROLS OF NONCONFORMING ACTIONS and CORRECTIVE ACTIONS

**Section 12 AUDITS, RECORDS and TRAINING ISSUE DATE : 20/09/2015
CONTROL COPY.**

- **PLANT OPERATOR.**

RE-ISSUE DATE : 20/01/2016

2. QUALITY MANAGER.

SECTION 1

QUALITY POLICY & AUTHORITY

MCPPE Company recognizes that in today's competitive marketplace, effective quality systems are essential when providing quality cost effective services

to our clients. Management is totally committed to providing satisfactory masonry

Product Contracting Services that comply fully with the specifications

And expectations of our valued clients. Therefore, it is the policy of

MCPPE company to adhere strictly to this quality control program and to ensure that this

program and the requirements of our customers are met on each and every project

we execute.

Full authority for the implementation and administration of the quality

controls described in this manual has been delegated to the Quality Control

Manager "QCM". The QCM has the responsibility and organizational freedom to

identify quality control problems, stop work, recommend solutions and verify address of such problems.

Plant Manager is responsible for their assigned project's QA/QC

activities. They may delegate the performance of their assigned duties to qualified

individuals, but they shall retain full responsibility for completing their productions in

strict accordance with established quality control policies and the client's specifications.

The quality of all material used, and products shall be the joint responsibility of the QCM and the Plant Manager. All projects will be executed in a co-ordinated

manner that emphasizes, safety, quality, time schedule and maximum cost effectiveness.

Any commitment, conflicts, or non-conformance issues not resolved using current established Quality Assurance / Quality Control Procedures should be brought to the attention of the undersigned for final resolve.

President

MCPPE.

SECTION 2

MANAGEMENT RESPONSIBILITY

2.1 RESPONSIBILITY

Management has the responsibility to define and document its policy and objectives for, and commitment to, quality. Management will ensure that its policy is understood, implemented, and maintained at all levels of the organization. All employees have the responsibility and authority for implementation of established QA/QC activities. Resolution of conflicts in QA/QC policies shall flow through the organizational chain of command as follows:

- 1. Field Employees**
- 2. Craft Leaders**
- 3. General Foreman**
- 4. Field Superintendents**
- 5. General Superintendent**
- 6. QA/QC Lab. Incharge**
- 7. Plant Manager**
- 8. Quality Control Manager**
- 9. President**

It is the responsibility of every employee who manages, performs, or verifies work affecting quality to:

- **Initiate action to prevent the occurrence of work or service non-conformity;**
- **Identify and record any quality problems;**
- **Initiate, recommend, or provide solutions through designated channels;**
- **Verify the implementation of solutions;**
- **Control further processing, delivery, or installation of non-conforming work until the deficiency or unsatisfactory condition has been corrected.**

2.2 ALLOCATION OF RESOURCES AND PERSONNEL

Management shall identify in-house requirements and provide adequate resources and trained personnel as needed to support required QA/QC verification activities. Verification activities shall include inspection, testing and monitoring of the production Of Masonary units / installation processes and audits of the quality systems. These activities, Shall be carried out by personnel independent of those having direct responsibility for the project being executed.

2.3 MANAGEMENT REVIEW

The established QA/QC policies and procedures shall be reviewed at appropriate intervals by management to ensure continuing suitability and effectiveness. These reviews will include assessment of the results of internal audits and shall assess overall conformance to client's requirements and expectations. Records of such reviews and audits shall be maintained.

SECTION 3

QUALITY SYSTEMS

MCPD Company's staff has established and shall maintain and document this QA/QC system as a means of ensuring that the services we provide to our clients conform to specified requirements. This QA/QC system shall include:

1. Documented quality system procedures and instructions to ensure that all activities are performed in accordance with established requirements;
2. Effective management support to ensure compliance and the use of the QA/QC procedures and instructions.

All employees of MCPD Company shall strive to improve the quality of our services to our clients. The QA/QC program is a process of continuous improvement which requires input from everyone in our organization. Everyone in our organization shall comply and endeavor to improve the process where possible. An effective QA/QC

Program consists of the following key components;

- Established QA/QC procedures and instructions that comply with generally accepted
- Industry standards, and Local regulating authorities, and the project
- specifications and standards established by the client.
- The identification and timely issuance to the project team any required controls,
- processes, inspection equipment, fixtures, tools, materials and labor skills needed to
- properly execute the production projects
- Updating, as necessary, of quality control, inspection, and testing techniques,
- including the development of new methods and procedures;
- Identification of any commitments made which exceeds available resources in
- sufficient time to properly acquire the required resources;
- Clarification of the standards of acceptability as required to support the overall
- QA/QC program and our client's objectives;
- Review of the project process, production, installation, inspection, and test
- Procedures to ensure that applicable documentation reflects how activities are actually
- performed;
- Effective maintenance of quality records to document and track performance and improvement.

The QA/QC manual is not a controlled document. A copy is available to all Employees through their immediate supervisor. The QA/QC manual is designed to convey basic QA/QC procedures and instructions that must be followed by all employees and subcontractors of Company.

Specific QA/QC procedures and instructions for individual activities are maintained by the QCM and issued to Project Managers as controlled documents. It is the Project Manager's responsibility to ensure specific activity QA/QC procedures and that the instructions are conveyed to the individuals or subcontractors performing the specified activities.

SECTION 4

PROJECT REVIEW & SETUP

4.1 PROPOSAL SUBMISSION AND RESPONSIBILITY ASSIGNMENT

Upon receipt of a Request for Quotation (RFQ) from a client, management will review the requirements of the RFQ and determine if a proposal will be submitted to perform the work. If management decides to submit a proposal for the work, the Plant Manager is assigned the responsibility of generating the proposal to perform the work. The proposal must include all costs related to completing the work in accordance with the client's specifications.

4.2 RFQ and CONTRACTUAL REVIEW

The Plant Manager shall review the contract documents contained in the RFQ and establish and maintain procedures to ensure that:

- The requirements and acceptance specifications of the client are adequately defined and documented;
- Any requirements differing from those included in the proposal request are resolved or clarified in the proposal;
- That MCPP Company has the capability to meet all contractual requirements of the RFQ and any ensuing contract;
- Records of such contract reviews shall be maintained for future reference.

The RFQ and contract review activities, interfaces, and communication shall be coordinated with the client as required to clarify all issues and to ensure that the responsibilities of both parties are well defined and documented.

4.3 PROPOSAL PREPARATION

The Plant Manager shall set up the project structure as the proposal for the work is generated. It is the responsibility of the Plant Manager to ensure that all costs related to executing the work in accordance with established QA/QC procedures and the contract requirements are included.

The process of identifying all material and subcontractor requirements shall be in accordance with established QA/QC procedures. Proper sourcing during the proposal stage will make actual purchasing and subcontracting activities much more efficient after the award of the work.

Once all costs have been identified and an execution/staffing plan has been developed, the Plant Manager shall schedule a meeting with management to review the proposal's risks and contingencies. Final decisions concerning proposal pricing and clarifications shall be management's responsibility.

4.4 PROJECT SETUP

Upon award, the Plant Manager shall immediately setup the project in accordance with the execution and staffing plan established during the proposal. All key staff members shall be notified all such information, concerning their responsibilities to the project as soon as possible.

The Plant Manager shall develop a project QA/QC file containing the basic QA/QC manual and all related specific activities, QA/QC procedures and instructions. The project QA/QC manual shall be reviewed and approved by the QCM.

SECTION 5

DOCUMENT CONTROL

5.1 CONTROL OF QA/QC MANUALS, PROCEDURES and INSTRUCTIONS

Specific QA/QC procedures and instructions for individual activities are maintained by the QCM and issued to Plant Manager as controlled documents. It is the Plant Manager's responsibility to ensure specific activity QA/QC procedures and instructions are conveyed to the individuals or subcontractors performing the specific activities.

Revisions to the QA/QC documents shall be by section and approved for adequacy by authorized personnel prior to issue. A revised table of contents indicating the newly issued approved and accepted revision shall accompany the revised sections. In the case of sample forms a revised "Listing of Exhibits" shall indicate the latest exhibit revisions.

The QCM shall ensure that:

1. All pertinent issues of appropriate QA/QC documents are available at all locations where operations essential to the effective functioning of the quality system are performed;

2. All obsolete documents are promptly removed from all points of issue or use.

A master list or equivalent document control procedure shall be established to identify the current revision of documents in order to remove the use of non-applicable documents. Documents shall be re-issued after a practical number of changes have been made.

5.2 CONTROL OF PROJECT RELATED DOCUMENTS

Upon award, each project is assigned a project number and the Plant Manager establishes a "Project Job File". This file shall contain a complete set of all project related contract documents, specifications, drawings, etc. All information generated during the life of the project shall be maintained in this job file.

A listing shall be made of all drawings, specifications, vendor data, etc. that are to be submitted to the client for review and approval. A copy of all documents returned by the client approved, or approved as noted, shall be maintained in the job file.

Any revisions to the contract documents shall be date stamped on the date received and reviewed by the Plant Manager for any possible impact to the production . All changes after contract award shall be properly documented and any associated addition or deduction to the contract price shall be immediately identified and submitted to the client for review and approval.

A complete set of all documents required for proper execution of the work shall be maintained at the plant site. Any revisions received shall be immediately forwarded to the plant site for use while executing the project.

SECTION 6

PURCHASING & MATERIAL CONTROL

6.1 GENERAL PURCHASING REQUIREMENTS

The Plant Manager has the overall responsibility to ensure that all materials and services purchased are in accordance with the established QA/QC procedures, the project specifications, and drawings.

6.3 MAINTENANCE OF PURCHASING DATA

All purchasing documents shall contain data clearly describing the material or service ordered, including, where applicable:

- a) The type, class, style, grade, or other precise identification of items purchased;
- b) The title or other positive identification, and applicable issue dates of specifications, drawings, process requirements, inspection instructions, and other relevant technical data, including requirements for approval or qualification of product, procedures, process equipment, and personnel;
- c) The title, number, and issue of the quality system standard to be applied to the product.

The Project Manager shall review and approve purchasing documents for adequacy of specified requirements prior to release.

6.4 VERIFICATION OF PURCHASED PRODUCTS

Where specified in the contract, the client or the client's representative shall be afforded the right to verify at source or upon receipt that purchased materials or work conforms to specified requirements. Verification by the client shall not absolve the Project Manager of the responsibility to ensure that acceptable materials are used in the performance of the work.

The client's verification at a vendor or subcontractor's plant shall not be used by the Plant Manager as evidence of effective control of quality by the vendor or subcontractor.

SECTION 7

MATERIAL CERTIFICATION & TRACEABILITY

7.1 CLIENT SUPPLIED MATERIALS and EQUIPMENT

The Plant Manager shall ensure that all materials and equipment furnished by the client are verified, stored, and maintained until incorporation into the work. Any such items that are damaged or otherwise unsuitable for use shall be recorded and reported to the client immediately. Proper notification to the client of receipt of any unusable materials or equipment must be made in order to ensure that the client retains the responsibility for providing useable materials or equipment.

7.2 PRODUCT IDENTIFICATION AND TRACEABILITY

Where appropriate, the Plant Manager shall establish and maintain procedures for identifying materials and equipment from applicable drawings, specifications, or other documents, during all stages of production, delivery, and installation.

Where, and to the extent that, traceability is a specified requirement of the contract, individual products or product batches shall have a unique identification. This identification shall be recorded in the Job File and issued to the client with specified "As-Built" data.

SECTION 8

PROCESS CONTROLS

8.1 MANAGEMENT OF PROCESS CONTROLS

During project setup the Project Manager develops the project QA/QC plan covering all construction activities and applicable processes which directly affect quality. The Project Manager shall ensure that these processes are carried out under controlled conditions.

The controlled conditions shall include the following:

- a) Documented work instructions defining the manner of executing the work to ensure that an acceptable level of quality is maintained at all times. The instructions shall also specify equipment, materials, skills and working environments required to comply with applicable standards, codes, and quality plans;**
- b) Monitoring and control of suitable process and work characteristics during execution of the work;**
- c) Clear identification of the required approval of processes;**
- d) Criteria for workmanship which shall be stipulated, to the greatest practicable extent, in written standards or by means of representative samples.**

8.2 SPECIFIC ACTIVITY PROCESS CONTROLS

Specific Activity Process Controls are for activities where the results cannot be fully verified by subsequent inspection and testing. Accordingly, continuous monitoring and / or compliance with documented procedures are required to ensure that the specified requirements are met.

Management shall continue review of established QA/QC procedures to ensure ongoing suitability and effectiveness. As the need for new activity QA/QC process procedures is identified they will be created and implemented. Records shall be maintained for qualified processes, equipment, and personnel, as appropriate.

The following Specific Activity QA/QC Procedures shall be followed when Receiving material:

- a. To insure proper size of aggregate received for the project**
- b. All quality tests on material meets as per required standards**

SECTION 9

INSPECTION & TESTING

9.1 INSPECTION AND TESTING OF PURCHASED MATERIALS AND EQUIPMENT

All materials and equipment shall be inspected and tested to ensure conformance with the project requirements before it is released for use. Verification that all items conform to specified requirements of the quality plan shall be documented and filed in the project QA/QC file. In determining the amount and nature of inspections, consideration should be given to the control exercised at the manufacturing source and documented evidence of quality conformance provided from the supplier.

Where incoming materials are released for urgent construction purposes, it shall be positively identified and recorded in order to permit immediate recall and replacement in the event of nonconformance to specified requirements.

9.2 INSPECTION AND TESTING DURING CONSTRUCTION

During Production of aggregate & crushed Sand of a project, the Project Manager shall ensure that:

- a) All inspection and testing activities are performed in accordance with the quality plan and documented procedures;
- b) Ensure specification and size conformance by the use of established process monitoring and control methods;
- c) Ensure that all required inspections and tests have been completed and necessary reports have been received and verified before the finished work is released to the client.
- d) Identify and correct any nonconforming work.

9.3 FINAL INSPECTION AND TESTING

The quality plan or documented procedures for final inspection and testing require that all specified inspection and tests, including those specified either by established quality procedures or the client, are carried out and that the work meets specified requirements

The PlantManager shall ensure that all final inspections and testing activities are in accordance with the quality plan and documented procedures. Upon completion, all.

associated data and documentation shall be properly filed in the project QA/QC file and submitted to the client as required.

9.4 INSPECTION AND TEST RECORDS

The Plant Manager shall ensure that all records which give evidence that the work has passed specified inspection and / or testing acceptance criteria are maintained in the project QA/QC file for future reference.

9.5 INSPECTION AND TEST STATUS

The inspection and test status of the work shall be identified by using markings, authorized stamps, tags, labels, routing cards, inspection records, test software, physical location, or other suitable means, which indicate the conformance or nonconformance of work with regard to inspections and tests performed. The identification of inspection and test status shall be maintained, as necessary, throughout the project to ensure that all work has passed the required inspections and testing specified.

Records shall identify the inspection authority responsible for the release of conforming work.

are in accordance with the quality plan and documented procedures. Upon completion, all.

SECTION 10

INSPECTION , MEASURING & TEST EQUIPMENT

The QCM shall ensure that all inspection, measuring, and test equipment is controlled, calibrated, and maintained, whether owned by Almoajil Company, on loan, or provided by the client. Equipment shall be used in a manner which ensures that measurement uncertainty is known and is consistent with the required measurement capability.

The QCM shall:

- a) Identify the measurements to be made, the accuracy required, and select the appropriate inspection, measuring, and test equipment;
- b) Identify, calibrate, and adjust all inspection, measuring, and test equipment and devices that can affect work quality at set intervals to ensure that certified equipment having a known valid relationship to nationally recognized standards - where no such standards exist, the basis used for calibration shall be documented;
- c) Establish, document, and maintain calibration procedures, including details of equipment type, identification number, location, frequency of checks, check method, acceptance criteria, and the action to be taken when results are unsatisfactory;
- d) Ensure that the inspection, measuring, and test equipment is capable of the accuracy and precision necessarily required.
- e) Identify inspection, measuring, and test equipment with a suitable indicator or approved identification record to show the calibration status;
- f) Maintain calibration records for inspection, measuring, and test equipment;
- g) Assess and document the validity of previous inspection and test results when inspection, measuring, and test equipment is found to be out of calibration;
- h) Ensure that the environmental conditions are suitable for the calibrations, inspections, measurements, and tests being carried out;
- i) Ensure that the handling, preservation, and storage of inspection, measuring, and test equipment is such that the accuracy and fitness for use is maintained;
- j) Safeguard inspection, measuring, and test facilities, including both test hardware and test software, from adjustments which would invalidate the calibration setting.

Where test hardware (jigs, fixtures, templates, patterns) or test software is used as suitable forms of inspection, they shall be checked to prove that they are capable of verifying the acceptability of the work prior to use during production. All test hardware shall be rechecked at prescribed intervals. The Plant Manager shall establish the extent and frequency of such checks and shall maintain records as evidence of control. Measurement design data shall be made available, when required by the client or his representative, for verification that it is functionally adequate.

SECTION 11

CONTROL OF NONCONFORMING ACTIONS & CORRECTIVE ACTIONS

11.1 CONTROL OF NONCONFORMING WORK

The Plant Manager shall establish and maintain procedures to ensure that any work that does not conform to specified requirements is prevented from inadvertent release to the client. Control shall provide for identification, documentation, evaluation, segregation when practical, disposition of nonconforming work, and for notification to management as required.

11.2 NONCONFORMITY REVIEW AND DISPOSITION

Nonconforming work shall be reviewed in accordance with documented procedures.

The nonconforming work may be:

- a) Reworked to meet the specified requirements
- b) Accepted with or without repair by concession of the client
- c) Reused for alternative applications
- d) Rejected, torn out, scrapped and new work performed.

Where required by the contract, the proposed use or repair of the nonconforming work to specified requirements shall be reported for concession from the client or his representative. The description of nonconformity that has been accepted, and of repairs, shall be recorded to denote the actual condition.

Repaired and reworked production shall be re-inspected in accordance with documented procedures.

11.3 CORRECTIVE ACTION

The Plant Manager shall establish, document, and maintain procedures for:

- a) Investigating the cause of nonconforming work and the corrective action needed to prevent recurrence;
- b) Analyzing all processes, work operations, concessions, quality records, service reports, and customer complaints to detect and eliminate potential causes of nonconforming work;
- c) Initiating preventative actions to deal with problems in relation to the risks encountered;
- d) Applying controls to ensure that corrective actions are taken and their effectiveness;
- e) Implementing and recording changes in procedures resulting from corrective actions.

SECTION 12

AUDITS, RECORDS & TRAINING RECORDS

12.1 INTERNAL QUALITY AUDITS

The QCM shall carry out internal audits to verify whether quality activities comply with planned arrangements and to determine the effectiveness of the quality system. The QCM shall maintain records on the performance and adequacy of each project's QA/QC activities.

Audits shall be scheduled on the basis of the status and importance of the activity. The audits and follow-up actions shall be carried out in accordance with documented procedures established to ensure improvement to overall company QA/QC program.

The results of the audits shall be documented and brought to the attention of the President within 10 days or sooner when critical action is required, after each internal quality audit. Each audit report shall have the actions started and planned by the QCM and Project Manager for any nonconforming activities found.

12.2 QUALITY RECORDS

The QCM shall follow established procedures for identification, collection, indexing, filing, storage, maintenance, and disposition of quality records.

Quality records are to be maintained to demonstrate achievement of the required quality and the effective operation of the quality system. Pertinent sub-contractor quality records shall be an element of this data.

All quality records shall be legible and identifiable to the project involved. Quality records shall be stored and maintained in such a way that they are readily retrievable in facilities that provide a suitable environment to minimize deterioration or damage to prevent loss of the records. Retention times of quality records shall be a minimum of seven (7) years, longer if required by specific project requirements. Where agreed contractually quality records shall be made available for evaluation by the client.

12.3 TRAINING

The QCM, the Plant Manager and management are all responsible for identifying the training needs of all personnel performing activities affecting quality during production and installation. Personnel performing specific assigned tasks shall be qualified on the basis of appropriate education, training, and / or experience, as required. Appropriate records of training shall be maintained on each individual's training and qualifications.