



Middle East Block Factory



**Ahmed
Mansoor
Al Aali**
Group

Quality Policy Statement

Middle East Block Factory is dedicated to the continual improvement and maintaining high levels of customer satisfaction.

We are fully committed to consistently meeting our customer expectations and providing the highest quality of service in all our activities related to the supply of Concrete Blocks, Pavers, Kerbs, and Slabs.

Providing the most cost effective and efficient services, and constantly looking at ways and means of improving the quality of our products and services.

Establishing, measuring, and reviewing our Quality Management System as a continual improvement process.

Competent and professional staff who are provided with continuous training.

The above commitment shall be achieved by the effective implementation of Quality Management Systems and setting appropriate objectives and targets.

Middle East Block Factory About us

Middle East Block Factory is yet another manifestation of Ahmed Mansoor Al A'ali Group (AMA), dedicated to providing the construction industry with concrete products that meet the exacting demands of International and British Standards.

With over 40 years of reputation for quality, innovation and customer service, we have achieved numerous milestones in Bahrain's construction industry. We are proud of our manufacturing facility equipped with the latest technology from MASA for the production of high-end masonry concrete blocks and Concrete Pavers, and MASA – HENKE for the production of high quality Road Kerbs, Edging Kerbs, and Concrete Blocks which enable us to operate with greater flexibility leading to a wider range of products being offered to customers with a shorter delivery time. We are the approved precast concrete products supplier by the Ministry of Works.

Middle East Block Factory is the approved precast concrete products supplier for the Ministry of Works in Bahrain.

We are committed to producing high quality products and services. Being quality driven, we adhere strictly to the ISO standards, international standard specifications, latest manufacturing technology, regular quality control, checking on incoming materials, in-process inspection and final inspection on the finished products.

In 2018, we installed a new MASA (Germany) plant. This gives Middle East Block factory the biggest production capacity in Bahrain with an additional 85,000 blocks per day after installation.

Middle East Block Factory

Our Products

Product Range

- Hollow Blocks
- Solid Blocks
- Insulated Blocks
- Sandwich Blocks
- Concrete Pavers
- Road Kerbs & Edging Kerbs

CONCRETE PAVERS

Concrete Pavers are concrete units produce by Middle East Block factory. They have a wide range, different colors, shapes, and durability. They are produced according to BS EN 1338, BS EN 771 Standard, which are as per specification of Ministry of Work and Ministry of Housing.

TECHNICAL DATA

PAVER TYPE	DIMENSIONS IN MM
Rectangular	60 x 100 x 200
	80 x 100 x 200
Square	60 x 200 x 200
	80 x 200 x 200
Half	80 x 100 x 100
Classico Rusto	60 x 090 x 120
	80 x 150 x 120
	80 x 120 x 120
	80 x 090 x 120
	80 x 150 x 120
	80 x 210 x 120



COLOUR OPTIONS	Other colours and shapes are available upon request, depending on quantity requirements			
	Black	Red	Grey	Yellow

CONCRETE BLOCKS

Concrete blocks are masonry unit produce by Middle East Block factory. It has different types of blocks with required compressive strength as per standards of Ministry of Works.

TECHNICAL DATA

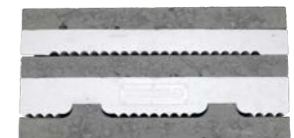
HOLLOW BLOCKS	DIMENSIONS IN MM
Hollow Blocks	100 x 200 x 400
	090 x 190 x 390
6" Hollow Blocks	150 x 200 x 400
	140 x 190 x 390
8" Hollow Blocks	200 x 200 x 400
	190 x 190 x 390
8"1/2 Hollow Blocks	190 x 190 x 190



INSULATED BLOCKS	DIMENSIONS IN MM
8" Insulated Block Insert Type	190 x 190 x 390
	200 x 200 x 400
10" Insulated Blocks	200 x 250 x 400
12" Insulated Block	200 x 300 x 400



IMSI BLOCKS	DIMENSIONS IN MM
IMSI Blocks	200 x 200 x 400



SANDWICH BLOCKS	DIMENSIONS IN MM
Sandwich Blocks	200 x 300 x 400



SOLID BLOCKS	DIMENSIONS IN MM
Solid Blocks	200 x 200 x 400
	150 x 200 x 400
	100 x 200 x 400



ROAD KERBS & EDGING KERBS

Middle East Block factory is the manufacturer of a range of Road Kerbs & Edging Kerbs in different colors, sizes and shapes. It is produced according to BS EN 1339, and BS 7263 Standard and as per specification of Ministry of Works.

PRODUCT TYPE	DIMENSIONS IN MM
Road Kerbs	915 x 125 x 255
	915 x 150 x 305
	915 x 125 x 150
Edging Kerbs	915 x 150 x 50

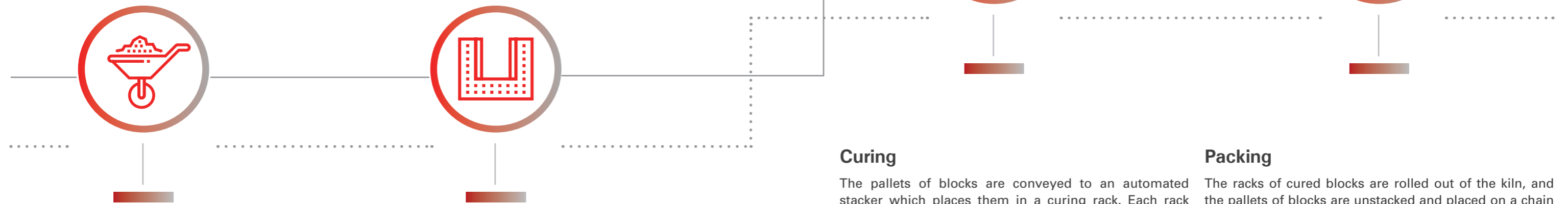




Middle East Block Factory Methodology

Block Process

Middle East Block Factory is equipped with the latest technology from MASA for the production of high-end masonry concrete blocks and Concrete Pavers, and MASA – HENKE for the production of high quality Road Kerbs, and Edging Kerbs.



Mixing

Sand and gravel are stored outside in piles and are transferred into storage bins in the plant by a conveyor belt as they are needed. The cement is stored outside in large vertical silos to protect it from moisture.

As a production run starts, the required amounts of sand, gravel, and cement are transferred by gravity or by mechanical means to a weigh batcher which measures the proper amounts of each material.

The dry materials then flow into a stationary mixer where they are blended together for several minutes.

After the dry materials are blended, a small amount of water is added to the mixer. Admixture chemicals and colouring pigments are also added at this time. The concrete is then mixed before continuing to the next stage.



Moulding

Once the load of concrete is thoroughly mixed, it is dumped into an inclined bucket conveyor and transported to an elevated hopper. The mixing cycle begins again for the next load.

From the hopper the concrete is conveyed to another hopper on top of the block machine at a measured flow rate. In the block machine, the concrete is forced downward into moulds. The moulds consist of an outer mould box containing several mould liners that determine the outer shape of the block and the inner shape of the block cavities.

When the moulds are full, the concrete is compacted by the weight of the upper mould head coming down on the mould cavities.

The compacted blocks are pushed down and out of the moulds onto a flat steel pallet. The pallet and blocks are pushed out of the machine and onto a chain conveyor.



Curing

The pallets of blocks are conveyed to an automated stacker which places them in a curing rack. Each rack holds several hundred blocks. When a rack is full, it is rolled onto a set of rails and moved into a curing kiln.



Packing

The racks of cured blocks are rolled out of the kiln, and the pallets of blocks are unstacked and placed on a chain conveyor.

The blocks pass through a cuber which aligns each block and then stacks them into a cube three blocks across by six blocks deep by three or four blocks high. These cubes are carried outside with a forklift and placed in storage.





Middle East Block Factory Services

Logistics and Delivery

Middle East Block Factory with its own fleet of trucks and trailers has the capacity to deliver materials as per customer requirements 24/7. All the vehicles are fitted with cranes for easier and faster offloading on-site. All dispatches are well planned and programmed to suit every customer's needs



GPS

All vehicles operated by Middle East Block Factory are equipped the latest GPS technology for tracking timely deliveries to customers and work effectiveness. We deliver and focus on our values of customer service.



Quality Control

At Middle East Block Factory, we are totally committed to achieving and maintaining the highest standards of quality in every area of operation from receiving the order to the delivery.



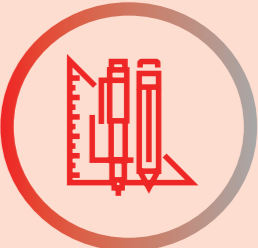
In-House Testing Laboratory

To ensure that the Middle East Block Factory continuously supplies quality products, we have an in-house state of the art and fully equipped laboratory to carry out testing of finished products. We conduct tests as per the specifications of Bahrain's Ministry of Works and Housing. Additionally, we can conduct tests to recheck the quality of any product upon the request of the customer.



Consultancy

With decades of experience in the industry, Middle East Block Factory has in-house experts with in-depth industry and product knowledge that can provide professional advice on blocks, paving, kerbs, and industry related enquiries.



Middle East Block Factory Reference Projects

A small selection of our projects.

For further information on completed or ongoing projects, please contact us directly.

Bahrain City Center

Shaikh Isa Library, Juffair

Diyar Al Muharraq

PPP Shamaliya

2017 Delivered

370,000 - m² of Paving | 100,000 - units of Kerbs | 15,000,000 - units of Blocks



Middle East Block Factory Certification



Ministry of Works

Material Compliance Report
MCR: 2486/2017

Precast Concrete Hollow
Masonry Blocks



Ministry of Works

Material Compliance Report
MCR: 2484/2017

Precast Concrete Kerbs, Edgings
and Flags



TÜV NORD

Management System
EN ISO 14001:2015

Production and Supply of Pre-cast
Concrete Blocks, Insulation Blocks
and Paving Slabs



Ministry of Works

Material Compliance Report
MCR: 2488/2017

Precast Concrete Hollow Masonry
Insulation Blocks



Ministry of Works

Material Compliance Report
MCR: 2485/2017

Precast Concrete Paving Blocks



TÜV NORD

Management System
EN ISO 9001:2015

Production and Supply of Pre-cast
Concrete Blocks, Insulation Blocks
and Paving Slabs

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