

COMPANY PROFILE www.mancrew.com





We Build To Last...



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THE COMPANY

MANCREW Group is an engineering, manufacturing and contracting group working mainly in the design, fabrication and construction - turn key projects - of Pre-Engineered steel Buildings (PEB).

MANCREW Group has grown to become one of the major suppliers of Steel Structural Buildings. Our products serve a variety of categories ranging from industrial plants, workshops, warehouses, crane & gantry girders, cold stores, supermarkets multistory steel buildings, trading centers, sport centers, cinemas, offices, control rooms, car parking sheds, and show rooms.

MANCREW Group was established in 1981 as a Contracting & Project management company "MANCREW Projects". This company rapidly proved itself as a professional steel structure contracting company. This promoted the establishment of "MANCREW Industries" as a pre- engineered steel buildings designer and manufacturer company.

Since then, MANCREW has acquired a reputation that enabled it to completely dominate the steel structure market in Alexandria - Egypt, to have a substantial share of steel structure market in Egypt and to export pre-engineered buildings abroad, to countries like Sudan, Somalia, Algeria, Qatar, Lebanon, and several others.

Since 2001, MANCREW export sales exceeded the local market sales. MANCREW has constructed projects in Sudan, Somalia, Qatar, Lebanon, Algeria, and several other countries. During the period from 2001 till 2008, more than %60 of the production was for export.

MANCREW has always been striving to excel in quality, safety and Environmental performance and attain sustainable development, with due care for future generations, bringing further benefits to people, environment and community.

In its journey towards excellence, MANCREW has acquired ISO 9001 certification for quality management system, ISO 14001 certification for environment management system, and OHSAS 18001 certification for occupational health and safety management system thus becoming one of the few companies in its field to obtain certifications for the three management systems. With a background of about FOURTY years, MANCREW offers an entire range of high quality services from feasibility studies, design of custom tailored preengineered buildings, procurement, fabrication, steel erection, civil construction, project management up to complete "Turn- Key" projects.

45,000 TONS

MANCREW main production lines are Pre-engineered Buildings and Hot Rolled Structural Steel with total annual capacity of 45,000 tons.

- Pre-Engineered Steel Buildings PEBS 25,000 Tons Per Year
- Hot Rolled Steel Structures 20,000 Tons Per Year

After FOURTY years in business, our customers remain our first priority. Every building that we design is created with the future occupants' and owners' satisfaction in mind.



Why Build with Steel

Why choose pre-engineered steel buildings?

1. Cost-saving

The cost per square metre can be %25 less than that of conventional steel buildings. The cost of site erection is low due to faster erection times and an easier erection process.

2. Quality Assurance

Designed and manufactured in-house under strict quality control. Design and engineering, as well as detailing and manufacturing at the factory, are all part of the fabrication process.

3. Quick Erection

All steel components are manufactured in the factory and assembled on-site using bolts. As a result, the erection process is quick, step-by-step, simple to install, and requires minimal equipment.

4. Flexibility

Pre-engineered steel buildings are adaptable to any design requirement, easy to expand in the future, and cost-effective due to low transportation costs.

5. Energy Efficiency

With CO2 reduction, energy efficiency, and recyclability, pre-engineered buildings are now the green solution for the environment."

Pre-engineered buildings are the best choice if you want a building with cost savings, quick erection, perfect quality control, high durability, large clear spans, versatility of unlimited layout options, ease of future expansion, unique attractive appearance, and inherent earthquake resistance.

PEBs have proven their superiority in a wide range of applications, including industrial plants, workshops, warehouses, crane & gantry girders, cold stores, supermarkets, multistory steel buildings, trading centres, sport centres, cinemas, offices, control rooms, car parking sheds, and show rooms

Why MANCREW?

- Global presence and local service
- Performance-driven philosophy
- On-time delivery
- Continuous Research & Development
- Reliable after sale service
- Detailed engineering output
- Over 40 years of experience Faster cycle times
- Value-engineered solutions
 High quality systems

The company uses the latest engineering and manufacturing software and machinery in the design, estimating, shop detailing and manufacturing of each of its products.

"The most remarkable advantage of MANCREW is that it offers a client oriented full package that integrates all above-mentioned advantages together with its own capabilities to achieve complete "Turn-Key" solution, particularly tailored to match the customer's needs in addition to:

OVER 40 YEARS OF EXPERIENCE

Executive Board



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Core Commitments

Our Vision

To be the world's most reliable and innovative engineering and construction organization in the field of Steel Structures & PEB Designing, Fabrication, Erection and Civil Works by exceeding customers' expectations and establishing plans to utilize growth opportunities.

Our Mission

To deliver high-quality steel products, related services, and solutions worldwide while utilizing innovative technologies within an environment of motivated employees, focused on continuous improvement and the highest levels of business ethics.

Values

Our basic and fundamental values will continue to be the guiding light in our internal and external dealings. These will be the unwavering pillars upon which we will build our Mission.

Integrity: The courage to distinguish between what is right and what is wrong without sacrificing quality. **Reliability:** The ability to deliver on what we promised, every time.

Accountability: The ability to accept responsibility for our own actions and decisions.

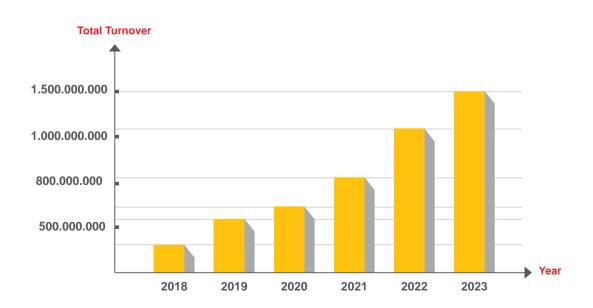
Performance Matrix

"MANCREW Team is committed to provide fastest response to Requests for Quotes, fastest delivery, attention to details and unmatched customer services during all phases of interaction with the customers. Each project is treated as a unique opportunity to create value for the customer and the company."

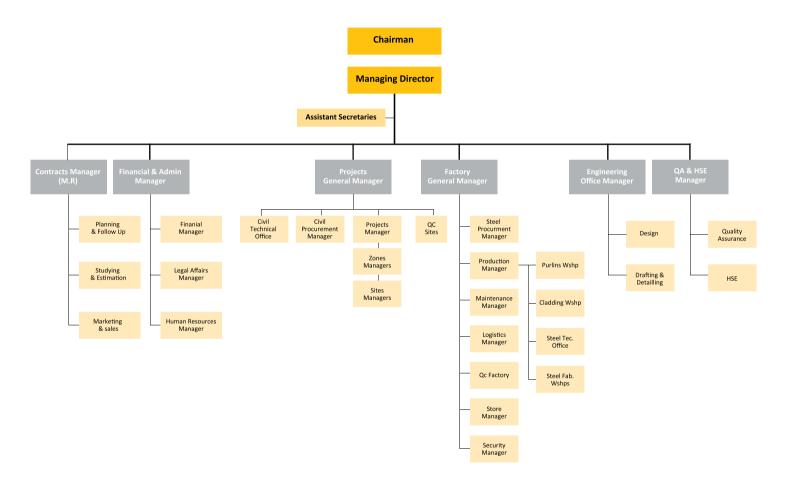
Annual Turnover

FABRICATION & CONSTRUCTION TOTALS [L.E.]

Year	Fabrication	Construction	Total Turnover
2018	284,328,000	141,003,000	425,331,000
2019	306,826,000	249,879,000	556,705,000
2020	384,485,000	304,320,000	688,805,000
2021	505,798,000	309,436,000	815,234,000
2022	648,314,000	517,007,000	1,165,321,000
2023	845,697,000	659,945,000	1,505,642,000



Organization Chart







MANCREW's primary focus in terms of Human Capital practices is on employee development and welfare, as we consider our employees to be the company's most valuable asset.

Category Number Of Employees



Management and Staff



Production Workforce



Erection Workforce



Administration and Support Processes

MANCREW's high level of specialization and complexity is supported by a cross-functional organizational structure that ensures optimal communication streams at all levels and greater organizational flexibility.

OUR FACILITIES

"We manage to stay ahead of our industry by offering flexible, tailor-made solutions and simultaneously managing projects that range from light to heavy steel structures with diverse applications.

At MANCREW, we attain this through seamless logistics and specialized coordination of production, at our plants in Borg El Arab, Alexandria.

Our actions towards ensuring the latest fabrication machinery and equipment, combined with state-of-the art production systems and software, have direct results on our deliverables: a yearly production capacity of 43,000 to 47,000 tons of steel structural, with the schedule compression of the fabrication process. MANCREW Factory is a 38,000 sqm facility located in New Borg El-Arab industrial zone and about the same area reserved for future expansion.

Our facility is organized to generate enhanced logistics and production processes, as our plant in New Borg EL-Arab, Alexandria is equipped with fully-automated cutting and drilling lines for light to heavy steel structures and Full Automatic Beam Welding Lines required to ensure high levels of productivity and to achieve the desired accuracy. The machines are in a very good condition as %20 of equipment are 10-4 years old, %60 are 3-2 years old and remaining machines have been completely renewed or purchased within the last couple of years.

The factory maintains an adequate track record of maintenance which increases equipment availability. In workshops overhead cranes of appropriate capacity are installed."

Sqm 38,000

Services

ENGINEERING

MANCREW Engineering Office is located at the head office, at Mostafa Kamel - Alexandria.

Our engineering department is divided into two sections: Steel Design section & Steel Detailing section.

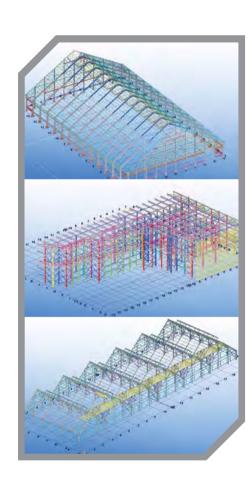
MANCREW engineering is capable of providing customers with complete solutions of engineering services in any steel project whether it is structural steel or pre-engineered building.

Inadditiontothetechnical support from the engineering department, MANCREW assigns a technical manager or a technical coordinator for all projects along with a support team as required by the project.

We have a professional team of designers and detailers with a considerable number of years of experience who worked on several landmark projects in Middle East & Africa.

Our design team can work with any international design and loading code.

Our Detailing team is capable of handling complex projects and achieving customer satisfaction by using cutting-edge modeling software.



MANCREW

Refer to the following standards for the design, fabrication and specification of materials:

Design Codes:

- Egyptian code of practice for steel construction
- American Institute of Steel Construction
- European Code

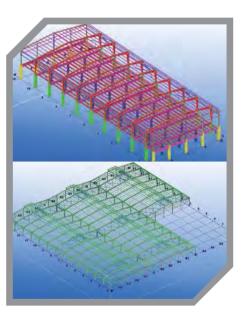
Engineering Software:

MANCREW is using the following software for engineering, as well as adopting new innovations in the engineering IT infrastructure.

- TEKLA Structures for Steel Detailing
- AutoCAD

Engineering Documents: MANCREW engineering department provide the following documents as required by the project:

- Approval Drawings
- Design Calculations
- Anchor Bolts Layout
- Shop (Fabrication) Drawings
- Part lists / Bill of Materials (BOM)
- Erection Drawings



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PRODUCTION

At MANCREW, we endeavour to ensure our employees' skills and our production systems and equipment are constantly aligned to international standards.

Our production efforts are driven by our prerogatives to reach Total Quality. To ensure the strict achievement of our customers' requirements and schedules throughout the entire value chain, we operate in a seamless and systematic manner from the stage of planning to delivery.

Our actions towards ensuring the latest fabrication machinery and equipment, combined with state-of-the art production systems and software, have direct results on our deliverables: a yearly production capacity of 43,000 to 47,000 tons of structural steel, with the schedule compression of the fabrication process.

Our employees benefit from our continuing personnel development schemes, which include job rotation plans, apprentice and training programmes. These guarantee our customers with a current production workforce of more than 400 experienced fitters, welders, and supervisors, as well as a talented team of engineers that add value at every stage of the project.

Towards achieving Total Quality, the optimum Value Chain Management is ensured by a tailor made system. The 'Piece Monitoring System' controls each individual piece of steel through production, from material stock to each stage until delivery. The system automatically reviews the program, type and the fabrication and production capacities to produce an individual fabrication program for each item of steel, while an extended manual modification control is maintained in order to incorporate client requirements.













Furthermore, the effective integration and management of all production processes is assured by the latest Software, StruMIS, an encompassing steel fabrication management system that harnesses the information flow and work processes between departments, suppliers and clients, from estimate tendering, through procurement and production and into construction.

To ensure the products that exit our facilities are internationally competitive and counter the high demands of our international customers, our production systems and processes are designed and implemented by applying ISO 9001 certified procedures and in full compliance with practice codes developed by international industry authorities, such as the American Welding Society.



SURFACE TREATMENT

Sandblasting & Painting

Due to our extensive industrial experience, we are committed to providing top-notch Sandblasting & Painting Services. The provided services are carried out by our skilled professionals using optimum grade machines and cutting-edge technology.

What is Sandblasting of steel structure?

Sandblasting is a pre-finishing method that has been used for a long time. Sandblasting is primarily used to remove and decontaminate rust, loose mill scale, dirt, oil, and other foreign substances from steel members, PEB members, or any type of steel structure. MANCREW Workers give Special attention to cleaning of corners and re-entrant angles. sandblasting is still the most common treatment method for final finishes.

What is Paint and How is structural steel paint done?

Paint is commonly used material for steel protection. Primer, undercoat(s), and finish coats are common components of protective paint systems. Each coating layer has a specific purpose, and the various types are applied in a particular sequence of primer, intermediate (build) coats in the shop, and finish (top) coat either in the shop or on site. MANCREW always verify that paint materials are in compliance with the specification and this includes checking packaging and labeling; verifying the condition of paint in the container; and taking samples for testing. Measuring the thickness of the paint coat is one the inspections we preform during painting a project to ensure it has the right thickness."

SITE INSTALLATION

The success of any project involving steel-intensive construction is dictated by the efficiency in erection of the structural steelwork. With a proven track record in regards to safety, our experienced specialists and the latest erection equipment define our technical capabilities and resources for the efficient, just-in-time construction of steel structures and cladding.

With an erection team of 120 qualified engineers and installers for steel and cladding, we have the expertise to ensure high quality, improved precision and enhanced speed of construction at site, under any conditions.

We incorporate all our history and experience into the seamless management of our projects and are able to certify a precise control of the site, while making safety and efficiency our priorities, through our Environment, Health and Safety Plan.

Our erection management system includes risk assessments, detailed erection procedures and method plans, lifting plans, site safety manuals, safety audits and other documented instruments which focus on providing safety guidelines during the construction, with exclusive control on accidents and cost overrun, while meeting the project delivery in time.

- 1. The heavy steel structures.
- 2. The architectural Steel structures.
- 3. The pre-engineered buildings.
- 4. The mechanical auxiliary structures & Tanks.
- 5. Other miscellaneous structures.



Civil Works

"MANCREW is a leading civil construction contractor in the Egyptian market as in the field of steel structure Fabrication and Erection. We can coordinate with all team members and develop develop the project baselines (contract terms and conditions, schedule, cost, risk and execution plan). We provide planning and coordination between engineers and design specialists before the begining of any construction and provide the supervision to execute it successfully. MANCREW has the ability to construct, repair, add to, subtract from, improve and move other structure, project, or development."



Project Management

In MANCREW, the project management team, selected and led by the project manager, is responsible for coordinating and integrating activities across multiple functional lines:

A. Development of Project Execution Plan

Upon award of a project to MANCREW, the project management team develops a project execution plan that consolidates all the plans of the stakeholders of the project, whereby each plan would describe the particular stakeholder's scope of work, specifications and base schedule. The distribution of these individual plans to, and approval by, all the concerned parties marks the end of this stage.

B. Execution of Project Execution Plan

During the project execution stage, the project management team monitors and controls the execution of each stakeholder of its scope of work in its designated plan, and issues internal and external progress reports to keep the project on track, and corrective action plans in case of deviations from track. To that end, MANCREW utilizes the latest versions of project management software, and encourages open and healthy communication between its different stakeholders. The internal stakeholders are:

1 - Engineering Design Department

2 -Detailing Department

3 -Purchasing Department

4 - Fabrication Department

5 -Shipping Department

6 - Erection Department (or Subcontractor)

7 -Quality Department

8 – Health, Safety and Environment Department

C. Change Management of Project Execution Plan

Most of the Problems in the design and construction of steel structure are caused by change. Knowing that the entire process of steel structure involves four primary events - engineering, detailing, fabrication and erection -the earlier in this four-phase process the change is identified and modifications are carried out, the less the impact on the project. This is where change management process of MANCREW's project management team is essential to proactively identify and resolve all the potential issues before they become problems that could affect the outcome of the project.

Quality

" Quality at Reasonable Price"

"Quality at Reasonable Price" is the primary concern of MANCREW, from preliminary feasibility studies to customerservice and follow-up. Forthisreason MANCREW is committed to a Total Quality Management Program. MANCREW has integrated its existing quality management, Health & safety and Environmental management system in to one coherent system, Which meets the requirements of ISO 9001:2008, ISO 14001:2004 and ISO 18001:2007. Each stages of production is carefully monitored and inspected to the standards by the well qualified and certified team of QC to ensure that the quality level of the product is being achieved at each stage to meet the customer requirements. MANCREW Quality is controlled by strong technically qualified team, includes certified welding inspectors, dimensional Inspectors, painting inspector and Certified NDT technicians headed by the Quality control manager In addition to Independent inspection bodies "Third Parties" are involved when required. A standard inspection and testing plan is followed for all jobs, and all products manufactured must pass rigorous quality testing procedures. In order to ensure that you-the client, benefit. Our aim is to consistently live up to your expectations. We take a proactive stance towards quality moving beyond Quality Control to provide Quality Assurance, so that your requirements will be met with predictable quality - consistently. Our rigorous process ensures that high quality standards are reflected, guaranteeing your satisfaction every time.

One of the most important aspects of quality control is ensuring material traceability. At MANCREW, this is supported by our Fabrication Management System, StruMIS, harnessing the information flow and work processes between departments, suppliers and clients, as well as by the Piece Monitoring System, which controls each individual piece of steel from material stock through production, at each stage until delivery. Our clients can rely on our expertise related to contract requirements conformation, as our quality assurance programs prefigure industry best practices and include the necessary verification tests, measurements and inspections to deliver the highest level of compliance. MANCREW Engineering's quality assurance programs cover all main points in fabrication and erection, from raw material inspection to fabricated member, coating, and nondestructive testing inspections."



"MANCREW recognizes occupational health as an essential component of business performance, Our employees emerging as the heart of our technical capabilities.

We have improved our processes and controls over the years by investing capital to increase efficiency and fostering a culture of resourcefulness and accountability, as we are committed to taking all reasonable precautions to avoid unnecessary risks to our employees' safety and health.

The risk-based safety management system has been put in place to provide a frame-work for self-regulation and continuous performance improvement, while enabling a comprehensive approach to identifying hazards through analysis, risk assessment, environmental audit, and regular site inspections.

Furthermore, numerous health and safety training programs and campaigns have been developed to promote industry best practice and raise safety awareness, with the goal of avoiding accidents and incidents that are harmful to employees, assets, and the environment.

In addition, by establishing a proactive safety culture, various accident categories have been reduced to a bare minimum. As protection of the environment has become a key priority of MANCREW, we are committed to continued compliance to all environmental regulations.

Proactive measures have been taken to reduce the impact of our production activities on the environment, By applying the most effective techniques available to prevent environmental pollution and reduce waste products during manufacturing and consumption.

Africa Bulk Store

Location: El-Dekheila Port, Alexandria **Owner:** Africa for Silos & Warehousing

Duration: 6 Months









Africa Bulk Store







Bezour Stores

Location: Borg Al-Arab, Alexandria

Owner: Alexandria Company for Vegetable Oils Extraction

Duration: 8 Months









Bezour Stores







Cairo Feed Stores

Location: AL-Nubariyah,Beheira **Owner:** cairo poultry company

Duration: 4 Months







Sample of Projects

Lecico

Location: Borg Al-Arab, Alexandria - Khorshid, Beheira

Owner: George Gharib

Duration: 16 Months - 13 Months









Lecico





Sample of Projects

Palouge Airport

Location: Palouge,Sudan

Owner: Petrodar (Main Contractor) JV Higleig

Duration: 4 Months







Palouge Airport





Sample of Projects

New Downtown

Location: Al-Kabary, Alexandria

Owner: Armed Forces Engineering Authority

Duration: 18 Months





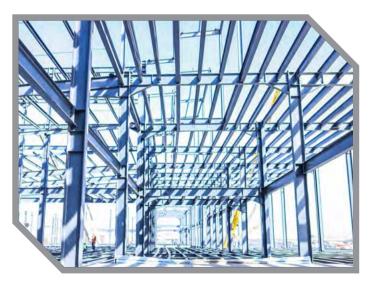




New Downtown









New Downtown









New Downtown

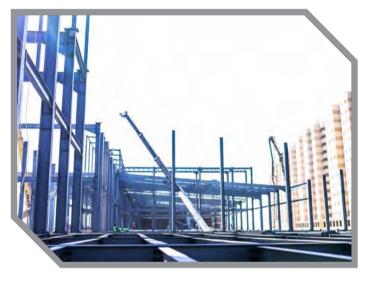






New Downtown









Al-Montza Palace

(Parking Garage)

Location: Al-Montaza, Alexandria

Owner: Armed Forces Engineering Authority

Duration: 9 Months









Al-Montza Palace (Parking Garage)









Location: Al-Montaza, Alexandria

Owner: Armed Forces Engineering Authority

Duration: 4 Months







Al-Montza Palace

(Welcome Building & 4 Hotel Reception Buildings)



Al-Montza Palace

(Welcome Building & 4 Hotel Reception Buildings)









(Welcome Building & 4 Hotel Reception Buildings)









Al-Montza Palace

(Welcome Building & 4 Hotel Reception Buildings)







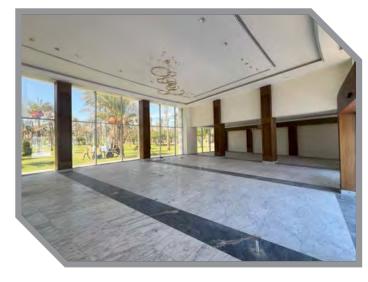


(Welcome Building & 4 Hotel Reception Buildings)









Sample of Projects

Al-Montza Palace

(Nariman-Nazly Hotel Bridges)

Location: Al-Montaza, Alexandria

Owner: Armed Forces Engineering Authority (Main Contractor) Bafi Construction

Duration: 2 Months









(Nariman-Nazly Hotel Bridges)







Sample of Projects

Al-Montza Palace
(Green Market)

Location: Al-Montaza, Alexandria

Owner: Armed Forces Engineering Authority

Duration: 4 Months









(Green Market)









Sample of Projects

Mehwar Al-Tameir (Zone 13&12)

Location: Mehwar Al-Tameir (Abo Zekry), Alexandria

Owner: Armed Forces Engineering Authority

Duration: 8 Months









(Zone 13&12)









Mehwar Al-Tameir (Zone 13&12)









(Zone 13&12)









Mehwar Al-Tameir (Zone 13&12)







Mehwar Al-Tameir (Restaurant Bridge)

Location: Mehwar Al-Tameir (Abo Zekry), Alexandria

Owner: Armed Forces Engineering Authority

Duration: 14 Months









Mehwar Al-Tameir (Restaurant Bridge)









(Restaurant Bridge)









Mehwar Al-Tameir (Restaurant Bridge)









Mehwar Al-Tameir

Project Name: Mehwar Al-Tameir (Hotel)

Location: Mehwar Al-Tameir (Abo Zekry), Alexandria

Owner: Armed Forces Engineering Authority

Duration: 8 Months









Mehwar Al-Tameir

















Mehwar Al-Tameir

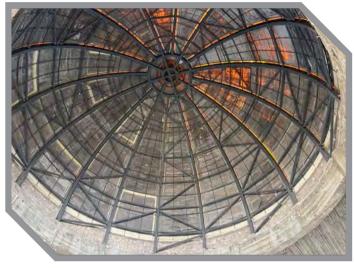
















Mehwar Al-Tameir (Hotel)

















Mehwar Al-Tameir (Hotel)







Mehwar Al-Tameir (Zone 15&16)

Location: Mehwar Al-Tameir (Abo Zekry), Alexandria

Owner: Armed Forces Engineering Authority

Duration: 7 Months









Mehwar Al-Tameir (Zone 15&16)









Mehwar Al-Tameir (Car Showrooms)

Location: Mehwar Al-Tameir (Abo Zekry), Alexandria

Owner: Armed Forces Engineering Authority

Duration: 6 Months









Mehwar Al-Tameir (Car Showrooms)









Hilana Bridge

Location: Tanta, Al-Gharbia

Owner: Armed Forces Engineering Authority (Main Contractor) SAMCRETE

Duration: 3 Months









Hilana Bridge









Shooting Club

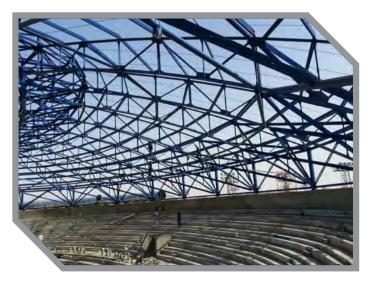
Location: 6th October, Giza

Owner: Shooting Club (Main Contractor) Alshams for contracting

Duration: 4 Months









Shooting Club







Location: Merghem, Alexandria
Owner: Industrial Development Authority

Duration: 6 Months

Merghem Small Industries Complex









Sample of Projects

Souq Borg Al-Arab

Location: Borg Al-Arab, Alexandria

Owner: Armed Forces Engineering Authority

Duration: 6 Months





Pyramid Glass Factory

Location: Borg Al-Arab, Alexandria

Owner: Pyramid Glass

Duration: 6 Months







Sample of Projects

Polygon

Location: 6th October, Giza Owner: Polygon Group Duration: 12 Months









Soliman Ezzat Hotel

Location: Ras Al-Tin, Alexandria

Owner: Naval Forces
Duration: 6 Months









Soliman Ezzat Hotel







Tolip Hotel Extensions

Location: Mustafa Kamel, Alexandria
Owner: Armed Forces Engineering Authority

Duration: 4 Months







Sample of Projects

Location: Doha, Qatar Duration: 3 Months

Doha City Center Roof & Helipad









Banque du Caire

Location: New Capital

Owner: Banque du Caire (Main Contractor) SAMCRETE

Duration: 2 Months









Sample of Projects

Banque Misr

Location: New Capital

Owner: Banque du Caire (Main Contractor) SAMCRETE

Duration: 2 Months









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Special Lighting Poles

Location: New Capital

Owner: Armed Forces Engineering Authority (Main Contractor) Nasr General Contracting

Duration: 3 Months













































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9 شــارع إبراهيم الشريف - مصطفى كامل - عمارات كيروسيز -الدور السادس.

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فرع القاهرة :

مدينة ٦ أكتوبر - مجمع بالم هيلز the lane مينى bl وحدة

تليفون: ۲۱-۱۲۱۱ (۱۰) - ۲۰) - ۲۰۱۱ (۱۰) - سکلف (۱۰) - سکلف (۱۰) - ۲۰۱۱ (۱۰)

المصانع:



ISO 14001: 2004 OHSAS18001: 2007



