



Installation & maintenance
Company profile

Edition 2021



Electromechanic Union Company
We can build your success
www.emuc-eg.com



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Who We are & What we DO

❑ EMUC is a benchmark and distinguished Company in the mechanical & electrical installations Field plus providing Maintenance and Projects Management

❑ EMUC is established by a Talented team of Professional Engineers and Skillful Technicians Who participated in many works in same field over twenty years

EMUC Team of professional engineers and technicians who are well trained to latest Technologies and procedures of electromechanical installations and maintenance to meet highest commitment of quality and Projects time line to Perform work which meet international Standards and Clients Expectations.

Industries Served

EMUC provides its services in various Fields of work to serve many industries and Sectors such as

- Petroleum refineries
- Petrochemical industry
- Power generation
- Oil extraction
- Feed industry
- Sugar industry
- Water treatment
- Food industries
- Handling and storage of Grains

Vision Mission & Values

Together
Everyone
Achieves
More.

□ Our vision

We are seeking to put our company as a Leader Benchmark in the field of MEP projects and provide the best Solutions to our customers locally , regionally and internationally. This will be by improving and encouraging the innovations between the teamwork members from one side and cooperation with our customers and partners from other side

□ Our Mission

Our Mission is to introduce all what is new in the world of mechanical and electrical installations and maintenance and to provide the alternative solutions to the traditional solutions for solving any problems. The mission will be conducted by a well-trained staff on the recent technology plus spreading teamwork values, soul through our team. Our clients are our real partners to achieve together the goal.

□ Our Values

Our values solidify who we are and what we believe

- Uncompromising commitment to Quality, Health, Safety and Environmental regulations.
- An open relationship with our employees based on mutual trust, respect and success
- Transparency, Accountability and Specialty in our business .
- Risk Assessment Management
- Integrity in all we do
- Brain Storming, Innovation, Creativity in problem Solving.
- Keep an Eye on technical revolution.
- synergy between technology development, knowledge transfer and accreditation.
- Excellence customer Service.

Policies Certificates

Safety Policy

Health Safety and Environmental Policy

This policy defines EMUC's absolute commitment to protecting the Health, Safety and Environmental, (HSE) stewardship is a core value, fundamental to the way we do business and an essential component of our business strategy. Our goal is to minimize impacts to the environment and to protect our employees, subcontractors, clients, communities, and others who could be affected by our activities

To accomplish this, we are committed to:

- Prevention of injuries and ill health.
- Efficient use of energy and resources
- Minimization of waste and pollution prevention
- Effective employee engagement in our HSE programs
- Compliance with legal and other requirements, including applicable HSE laws, regulations, And EMUC Practices
- Continual improvement of our HSE management, performance, and culture

To this end EMUC will

- Integrating HSE into our business systems and processes.
- Defining roles and responsibilities for personnel throughout the organization.
- Promoting a proactive culture and healthy lifestyle.
- Identifying risks arising from all phases of our activities and reducing those risks to the lowest practical levels.
- Review the Policy periodically, and as required to ensure that it remains compatible with EMUC's Scope of Work.

This policy is communicated to all employees, contractors, and others working on our behalf and made available to the public and other interested parties. It is reviewed annually to ensure it remains relevant and appropriate to EMUC.

Waleed alakhder

Waleed alakhder
Executive chairman

Policies Certificates

Quality Policy

EMUC Quality Policy

This policy applies to:

- All Electrical & mechanical activities undertaken by EMUC Company
- All commercial and administrative operations

EMUC undertakes to:

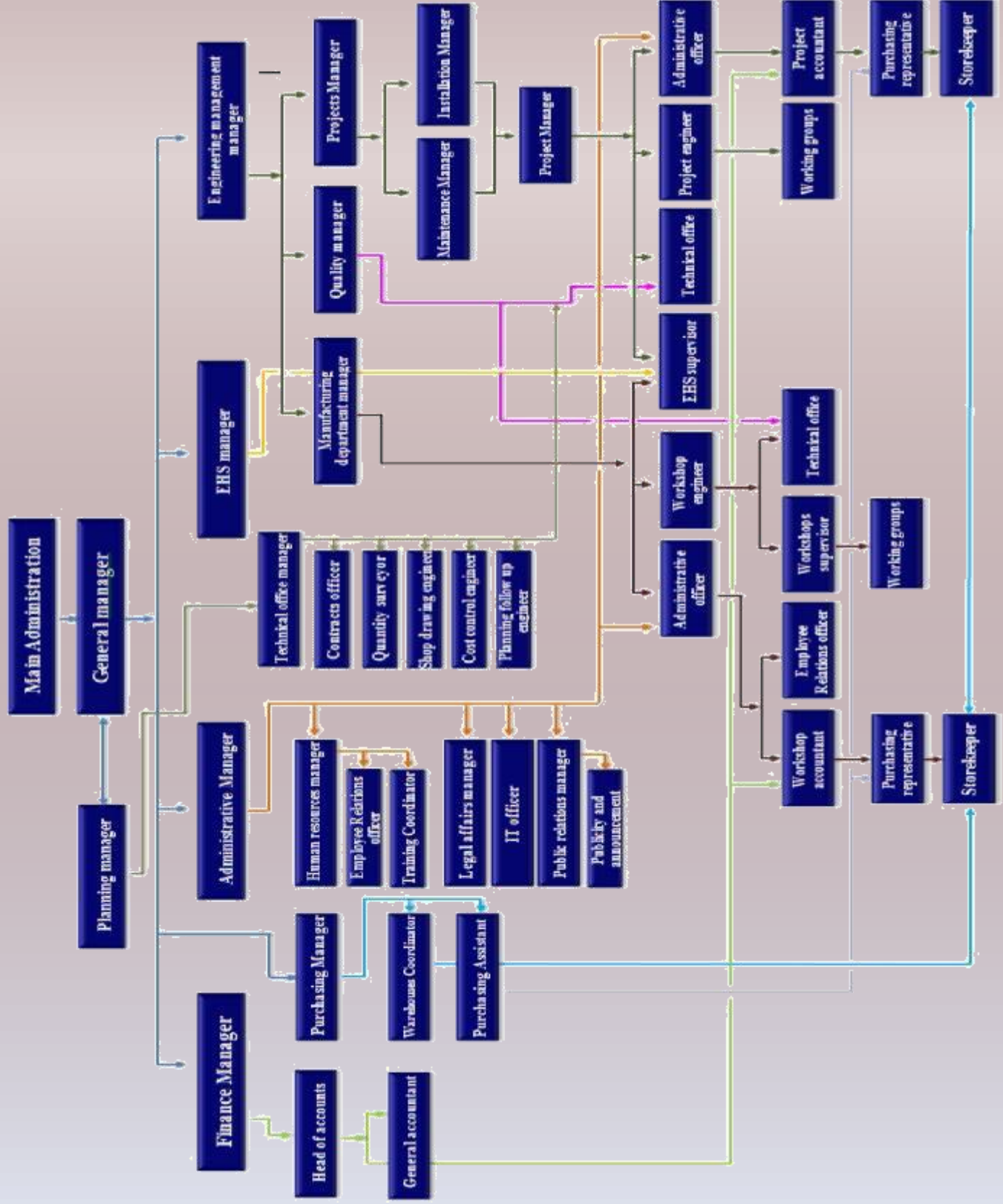
- Maintain an effective quality management system, applying to all our activities at all times
- Achieve and maintain high standards of work that enhances our reputation and those of our customers and stakeholders
- Ensure compliance to all regulations and statutory bodies
- Seek to achieve and maintain best-practice methodologies throughout our activities
- Maintain continual improvement through measurement against policy and performance, evaluation, review, training and procedural change where required
- Meet our clients' requirements and meet or exceed their expectations
- Communicate this policy to our employees, stakeholders, and all interested parties to ensure continued adherence to this policy

Waleed alakhder
Waleed alakhder
Executive chairman



Organization Chart

Organization chart



SEMU C services

Installation Services

EMUC has a unique experience in the mechanical and electrical installations covers the Petroleum refineries- Petrochemical industry- Power generation- Oil extraction- Feed industry- Handling and storage of grains- Food industries- Sugar industry- Desalination- Plastic industryetc.

❑ Our Services include:

Mechanical Installation

- Power Station Units.
- Oil Refinery Units.
- Pipelines & Firefighting systems.
- Steel Structure & Silos.
- Equipment and devices (pumps- compressors- valves.... etc).
- Different hydraulic & Pneumatic systems.
- All conveyors(bucket- screw - chain - belt...etc).
- Commissioning and Startup.

Electrical Installation

- Electrical transformers and cables wiring of Low and Medium Voltage.
- lighting system (normal-explosive)
- lightening protection systems
- cables tray- Extend
- SCADA systems-programming all PLC devices
- Measuring devices (pressure measuring - temperature.... etc)
- Firefighting alarm systems
- Commissioning and startup

Other works

- Sandblasting, painting and coating.
- Building of the scaffolding.
- Thermal insulation

SEMUC Services

Operations & Maintenance

Operations & Maintenance

- EMUC provides scalable, integrated operations & maintenance (“O&M”) resources and services during a facility’s lifecycle in virtually any location around the Egypt, including established Power generation- Oil extraction- Feed industry- Loading, unloading and storage of grain.
- We offer a wide range of O&M services, including complete turnkey operations models. For optimal flexibility, we offer integrated O&M solutions to fit your individual requirements. We work with you to develop a commercial model to accomplish your business goals.

Our Staff:

Our teamwork are the key to our success; we committed to develop and improve our workforce Skills (soft and technically). Your project will be staffed by professionals with the Practical experience to tackle the most complex challenges and to do so safely and efficiently.

**Emergency
Service**



24 Hours
a day



7 Days
a week

SEMUC services

Fabrication

Fabrication

- EMUC Fabrication offers a diverse range of steel fabrication, assembly and finishing services. Whether it is sheet metal, stainless or heavy steel plate
- Our team draws upon a significant breadth of experience and skills from across a wide range of industrial sectors to provide a truly comprehensive steel fabrication service.
- Our approach to our customers' requirements is what sets us apart. We seek to make our customers needs come into real . Our experience leads us to put our hand on the main challenges and problems then resolve it in time. Many of our customers will testify to the effectiveness of this approach. We know that communication and understanding are as vital as the quality of the work.

PEMUC projects

walidia generating station

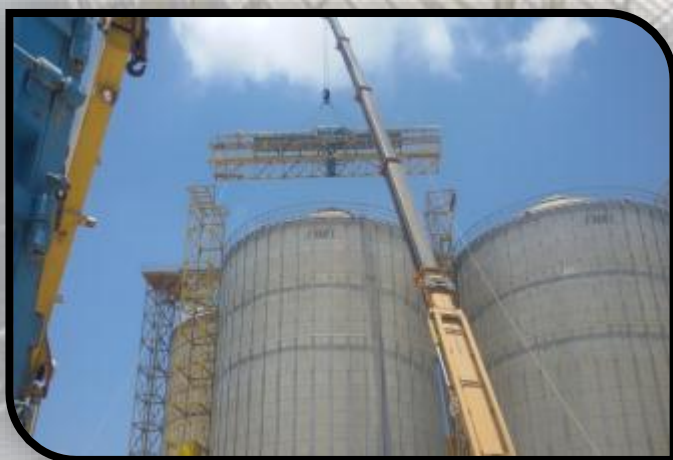
- Project Owner : Upper Egypt electricity Production Co.
 - Type of Project : Replacement and renovation
 - Main Contractor : Mitsubishi, Egypt for Projects Co.
 - Project Location : Assiut – Egypt
-
- The company participated and Assisted in the work of the replacement, renovation and development of Walidia Electricity generating station – Assiut 650 MW.



PEMUC projects

Nile Stevedore & Storage Co.

- Project Owner : Nile Stevedore & Storage Co. NSSC
 - Type of Project : Mechanical installations
 - Main Contractor : Electromechanic Union Co.
 - Project Location : Alexandria- Egypt
- Mechanical and electrical installing of the fourth line for the shipping, storage and unloading grain (Total capacity of grain Storage is 35000 T- Capacity of Shipping 1000 T/H - Discharge capacity from Storage to Loading Trucks 300 T/H) in Nile Stevedore & Storage Company.



PEMUC projects

Nile Stevedore &Storage Co.

- Project owner : Nile Stevedore &Storage Co. NSSC
- Type of project : Electrical installations
- Main Contractor : Electromechanic Union Co.
- Project Location : Alexandria- Egypt

➤ Electrical works

Fabricating and installing of cable trays for all equipment - Laying of cable lines - cable to connect to equipment, paintings, control rooms -Installing of protection devices and connect the equipment.



PEMUC projects

replacement catalyst

- Project Owner : Amerya Petroleum Refining Co.
- Type of Project : Maintenance
- Main Contractor : Egyptian Maintenance Co.
- Project Location : Alexandria - Egypt

- EMUC participated and Assisted in the work of the replacement catalyst for 3 performing reactors in the Amerya Petroleum Refining Company in Alexandria - Egypt During the month of October 2020, Electromechanic Union company carried out unloading and screening works for 3 reactors and we worked with French company Petroval as an expert on dense loading for 3 reactors



PEMUC projects

Mariot Silos Project

- Project Owner : Ministry of Supply
 - Type of Project : Fabrication & mechanical installations
 - Main Contractor : Petrojet Company
 - Project Location : Alexandria, Egypt
-
- Implementation of mechanical installation for 6 Silo in Mariot Project
total capacity of the project 60,000 T



PEMUC projects

Nubaria Silos Project

- Project owner : Ministry of Supply
 - Type of project : Fabrication & mechanical installations
 - Main Contractor : Petrojet Company
 - Project Location : El Behira, Egypt
-
- Implementation of mechanical installation for 6 Silo in Nubaria
Project total capacity of the project 60,000 T.



PEMUC projects

Attaka Silos Project

- Project owner : Ministry of Supply
 - Type of project : Mechanical installations
 - Main Contractor : Petrojet Company
 - Project Location : Suez, Egypt
-
- Mechanical installation for 6 Silos in Attaka Project total capacity of the Project 60,000 T.



PEMUC projects

Ship unloading Project

- Project owner : Ministry of Supply
 - Type of project : Mechanical , electrical installations
 - Supplier project : NEUERO Company
 - Main Contractor : Medina Company
 - Project Location : Alexandria, Egypt
- EMUC completed the work of the mechanical and electrical installations ship unloader . (Unloading capacity 600 T/H on Pier 85) at Alexandria port.



PEMUC rojects

Shubra Al Khaimah Power Station

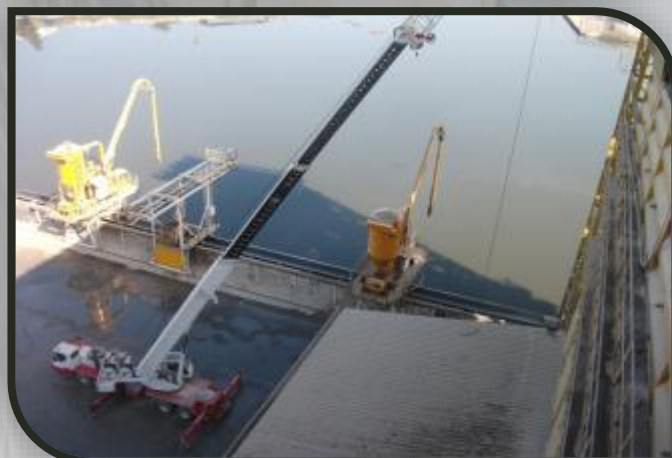
- Project owner : The Ministry of Electricity and Energy
 - Type of project : Replacement and renovation
 - Main Contractor : Electromechanic Union Co.
 - Project Location : Cairo, Egypt
- EMUC accomplished the work of the replacement and renovation for air preheater for Shubra Al Khaimah Electricity generating station – 750MW



PEMUC projects

Nile Stevedore & Storage Co.

- Project Owner : Nile Stevedore & Storage Co. NSSC
 - Type of Project : Replacement and renovation
 - Main Contractor : Electromechanic Union Co.
 - Project Location : Alexandria- Egypt
-
- The company implemented Replacement and renovating of packing station tower



PEMUC projects

suez canal tunnel project

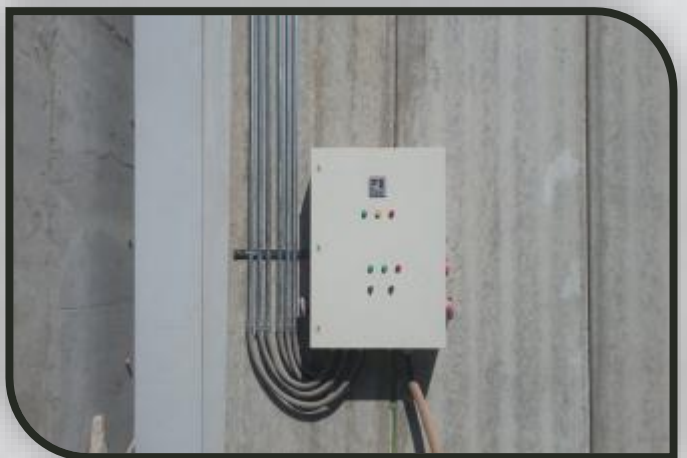
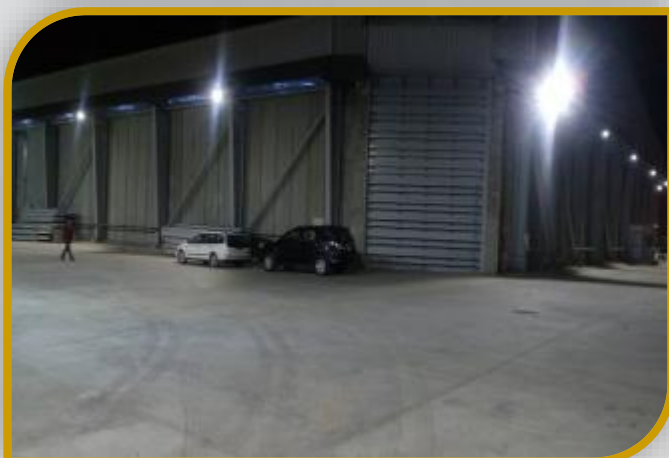
- Project Owner : petrojet company.
 - Type of Project : Supply and installation of sliding gates
 - Main Contractor : Petrojet Company.
 - Project Location : Ismailia – Egypt.
-
- EMUC company fabricated and installed all the slide gates & fabricated all the production requirements inside the factory.



PEMUC projects

LATT Trading & Shipping Co.

- Project Owner : LATT Trading & Shipping Co.
 - Type of Project : Electrical Wiring and lighting systems for 3 Storages
 - Main Contractor : Electromechanic Union Co.
 - Project Location : Dekhila Port -Alexandria - Egypt
-
- The company installed Electrical Wiring and lighting systems for 3 Storages.



Fat Hens Factory.

- far hens factory project** 18-Aug-16

| Task | Start | End | Duration | Progress |
|-------------------------|-----------|-----------|----------|----------|
| Total | 18-Aug-16 | 24-Aug-16 | 7 days | 100% |
| Fa Hens factory project | 18-Aug-16 | 24-Aug-16 | 7 days | 100% |
| construction plan | 18-Aug-16 | 24-Aug-16 | 7 days | 100% |
| design | 18-Aug-16 | 24-Aug-16 | 7 days | 100% |
| equipment procurement | 18-Aug-16 | 24-Aug-16 | 7 days | 100% |
| construction plan | 18-Aug-16 | 24-Aug-16 | 7 days | 100% |
| design | 18-Aug-16 | 24-Aug-16 | 7 days | 100% |
| equipment procurement | 18-Aug-16 | 24-Aug-16 | 7 days | 100% |
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| equipment procurement | 18-Aug-16 | 24-Aug-16 | 7 days | 100% |



PEMUC projects

Alnouran Sugar Factory.

- Project Owner : AlNouran Sugar Factory
 - Type of project : Erection of the factory
 - Main Contractor : Petrojet.
 - Project Location : Sharkya- Egypt
-
- The company responsible of Steel Structure works for (Pulp peltizing, Beet Storage, Front end, Boiler, Dewatering Station, Pipe rack & Beet washing Units)



PEMUC projects

Alnouran Sugar Factory.

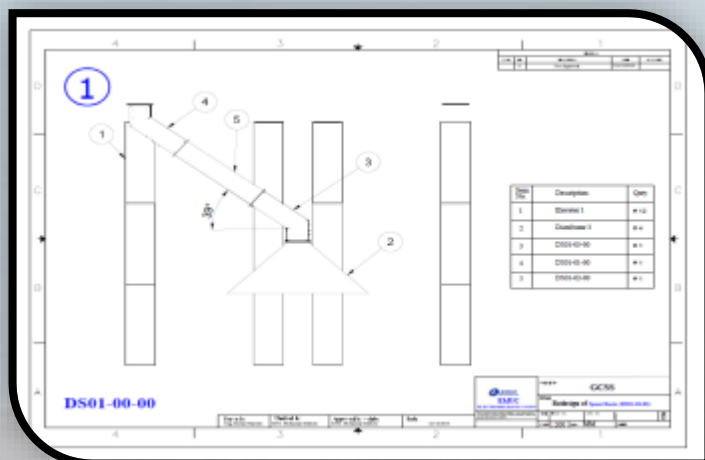
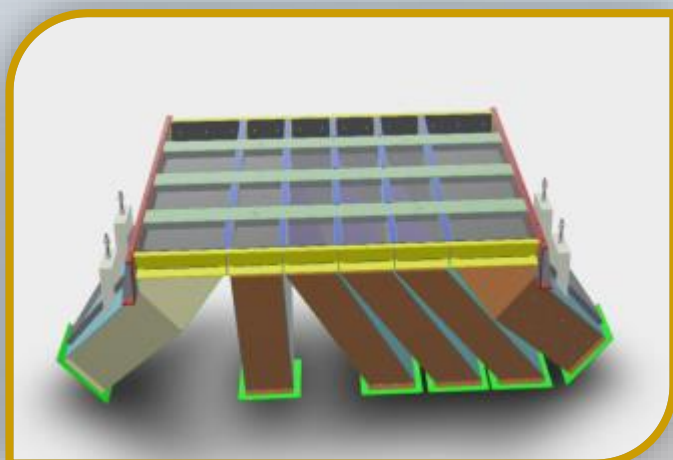
- Project Owner : AlNouran Sugar Factory
 - Type of project : Erection of the factory
 - Main Contractor : Electromechanic Union Co.
 - Project Location : Sharkya- Egypt
-
- The company responsible of (Piping Carbon steel, Stainless steel), Installation of equipment and Steel Structure works.



PEMUC projects

General Co. for Silos & Storage.

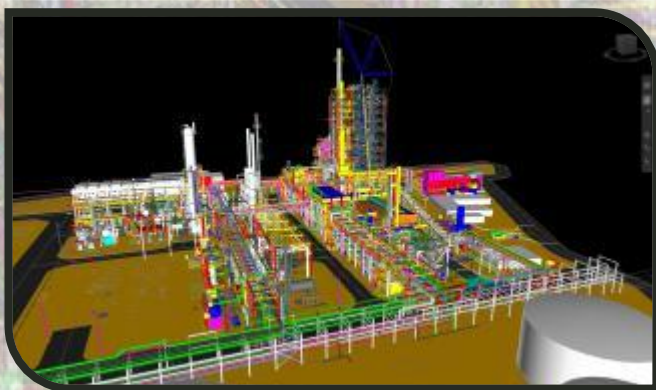
- Project Owner : General Co. for Silos & Storage.
- Type of project : Design, manufacturing and installation of Spouts and Distributors Plus Maintenance works
- Main Contractor : Guttridge.
- Project Location : Alexandria Port-Alexandria- Egypt



PEMUC projects

ANRPC Project

- Project Owner : ANRPC
 - Type of Project : Pipeline
 - Consultant : Enppi
 - Main Contractor : Electromechanic Union Co.
 - Project Location : Alexandria – Egypt
- The company responsible for prefabrication, welding and erection of Pipeline in (CCR) project



PEMUC projects

Midor expansions

- Project Owner : Midor
 - Type of Project : Electrical installations
 - Consultant : Enppi
 - Main Contractor : Electromechanic Union Co.
 - Project Location : Alexandria – Egypt
- The company supplied and installed motors and electrical equipment for automatic sliding gates and telescopic gates for the Petrojet El Alamein Company site and the new Midor expansions and the national security in Alexandria and Petrojet workshops.



PEMUC projects

El Sabeel Poultry

- Project Owner : FAT HENS
 - Type of Project : firefighting lines
 - Main Contractor : Electromechanic Union Co.
 - Project Location : Alexandria- Cairo Desert Road Egypt
- The company carried out installation and maintenance work for the firefighting lines of the Fat Hens plant and the new El Sabeel Poultry Slaughterhouse in Alexandria- Cairo Desert Road Egypt.



Clients Logos

Clients Logos



MISR COMPANY FOR MECHANICAL AND ELECTRICAL PROJECTS



Contact US

Contact US

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