



الغرابلي للأعمال الهندسية المتكاملة ش.م.م.  
Gharably Integrated Engineering Co. S.A.E.

# INDUSTRIAL BROCHURE



GHARABLY INTEGRATED  
ENGINEERING CO. S.A.E.





## GENUINENESS RECORD

GHARABLY INTEGRATED  
ENGINEERING COMPANY  
(EGYPT)

IN ASSOCIATION WITH THE ENGINEERING  
AUTHORITY OF THE ARMED FORCES





BUREAU VERITAS



Bureau Veritas Certification

Gharably Integrated Engineering Company-GIECO

56 Mohamed Fawzi Moaz Street, Smouha heights, Smouha, Alexandria, Egypt

Bureau Veritas Certification Holding SAS – UK Branch certifies that the Management System of the above organisation has been audited and found to be in accordance with the requirements of the management system standards detailed below

ISO 45001:2018

Scope of certification

PROJECT MANAGEMENT AND EXECUTION OF INFRASTRUCTURE, BUILDINGS, AND CONSTRUCTION WORKS OF CIVIL, AND ELECTROMECHANICAL.

Original Cycle Start Date: 18-04-2023
Expiry Date of Previous Cycle: NA
Certification / Recertification Audit date: 15-03-2023
Certification / Recertification cycle start date: 18-04-2023
Subject to the continued satisfactory operation of the organization's Management System, this certificate expires on: 17-04-2026
Certificate No.: EG002491 Version: 1 Issue date: 18-04-2023

Signature of Albrahima

Signed on behalf of BVCH SAS UK Branch



0008

Certification Body Address: 5th Floor, 66 Prescott Street, London, E1 8HG, United Kingdom
Local Office: Bureau Veritas Egypt, 51 Hassan Aflaton Street, Ard El-Golf Nasr City, Cairo, Egypt

Further clarifications regarding the scope and validity of this certificate, and the applicability of the management system requirements, please call: +202 24183020 / +202 24182998



Bureau Veritas Certification

Gharably Integrated Engineering Company-GIECO

56 Mohamed Fawzi Moaz Street, Smouha heights, Smouha, Alexandria, Egypt

Bureau Veritas Certification Holding SAS – UK Branch certifies that the Management System of the above organisation has been audited and found to be in accordance with the requirements of the management system standards detailed below

ISO 14001:2015

Scope of certification

PROJECT MANAGEMENT AND EXECUTION OF INFRASTRUCTURE, BUILDINGS, AND CONSTRUCTION WORKS OF CIVIL, AND ELECTROMECHANICAL.

Original Cycle Start Date: 18-04-2023
Expiry Date of Previous Cycle: NA
Certification / Recertification Audit date: 16-03-2023
Certification / Recertification cycle start date: 18-04-2023
Subject to the continued satisfactory operation of the organization's Management System, this certificate expires on: 17-04-2026
Certificate No.: EG002493 Version: 1 Issue date: 18-04-2023

Signature of Albrahima

Signed on behalf of BVCH SAS UK Branch



0008

Certification Body Address: 5th Floor, 66 Prescott Street, London, E1 8HG, United Kingdom
Local Office: Bureau Veritas Egypt, 51 Hassan Aflaton Street, Ard El-Golf Nasr City, Cairo, Egypt

Further clarifications regarding the scope and validity of this certificate, and the applicability of the management system requirements, please call: +202 24183020 / +202 24182998



Bureau Veritas Certification

Gharably Integrated Engineering Company-GIECO

56 Mohamed Fawzi Moaz Street, Smouha heights, Smouha, Alexandria, Egypt

Bureau Veritas Certification Holding SAS – UK Branch certifies that the Management System of the above organisation has been audited and found to be in accordance with the requirements of the management system standards detailed below

ISO 9001:2015

Scope of certification

PROJECT MANAGEMENT AND EXECUTION OF INFRASTRUCTURE, BUILDINGS, AND CONSTRUCTION WORKS OF CIVIL, AND ELECTROMECHANICAL.

Original Cycle Start Date: 18-04-2023
Expiry Date of Previous Cycle: NA
Certification / Recertification Audit date: 16-03-2023
Certification / Recertification cycle start date: 18-04-2023
Subject to the continued satisfactory operation of the organization's Management System, this certificate expires on: 17-04-2026
Certificate No.: EG002492 Version: 1 Issue date: 18-04-2023

Signature of Albrahima

Signed on behalf of BVCH SAS UK Branch



0008

Certification Body Address: 5th Floor, 66 Prescott Street, London, E1 8HG, United Kingdom
Local Office: Bureau Veritas Egypt, 51 Hassan Aflaton Street, Ard El-Golf Nasr City, Cairo, Egypt

Further clarifications regarding the scope and validity of this certificate, and the applicability of the management system requirements, please call: +202 24183020 / +202 24182998





BUREAU VERITAS



Bureau Veritas Certification



### Gharably Integrated Engineering Company-GIECO

2nd Industrial Zone - Area ( 4) Block (7) - New Borg Al Arab / 5th Industrial Zone (A) Plot 6,7,8,9 Borg Al Arab, Alexandria, Egypt

Bureau Veritas Certification Holding SAS - UK Branch certifies that the Management System of the above organisation has been audited and found to be in accordance with the requirements of the management system standards detailed below

#### ISO 45001:2018

Scope of certification

General Metal Fabrication, Fabrication and Assembly , High Pressure Equipment Fabrication including (Pressure Vessels, Heat Exchangers), General Steel Repairs, Tanks Manufacturing and Repairs

Original cycle start date:	12-08-2024
Expiry date of previous cycle:	NA
Certification / Recertification Audit date:	20-07-2024
Certification / Recertification cycle start date:	12-08-2024
Subject to the continued satisfactory operation of the organisation's Management System, this certificate expires on:	11-08-2027

Certificate No.: EG002757      Version: 1      Issue date: 12-08-2024



Signed on behalf of BVCH SAS UK Branch

Certification Body Address: 5th Floor, 66 Prescott Street, London, E1 8HG, United Kingdom  
Local Office: Bureau Veritas Egypt, 51 Hassan Aflaton Street, Ard El-Golf Nasr City, Cairo, Egypt

Further clarifications regarding the scope and validity of this certificate, and the applicability of the management system requirements, please call: +202 24183020 / +202 24182998

UKAS Certificate Template Single Site Rev.4.1



Bureau Veritas Certification



### Gharably Integrated Engineering Company-GIECO

2nd Industrial Zone - Area ( 4) Block (7) - New Borg Al Arab / 5th Industrial Zone (A) Plot 6,7,8,9 Borg Al Arab, Alexandria, Egypt

Bureau Veritas Certification Holding SAS - UK Branch certifies that the Management System of the above organisation has been audited and found to be in accordance with the requirements of the management system standards detailed below

#### ISO 14001:2015

Scope of certification

General Metal Fabrication, Fabrication and Assembly of Piping, High Pressure Equipment Fabrication including (Pressure Vessels, Heat Exchangers), General Steel Repairs, Tanks Manufacturing and Repairs

Original cycle start date:	12-08-2024
Expiry date of previous cycle:	NA
Certification / Recertification Audit date:	20-07-2024
Certification / Recertification cycle start date:	12-08-2024
Subject to the continued satisfactory operation of the organisation's Management System, this certificate expires on:	11-08-2027

Certificate No.: EG002758      Version: 1      Issue date: 12-08-2024



Signed on behalf of BVCH SAS UK Branch

Certification Body Address: 5th Floor, 66 Prescott Street, London, E1 8HG, United Kingdom  
Local Office: Bureau Veritas Egypt, 51 Hassan Aflaton Street, Ard El-Golf Nasr City, Cairo, Egypt

Further clarifications regarding the scope and validity of this certificate, and the applicability of the management system requirements, please call: +202 24183020 / +202 24182998

UKAS Certificate Template Single Site Rev.4.1



Bureau Veritas Certification



### Gharably Integrated Engineering Company-GIECO

2nd Industrial Zone - Area ( 4) Block (7) - New Borg Al Arab / 5th Industrial Zone (A) Plot 6,7,8,9 Borg Al Arab, Alexandria, Egypt

Bureau Veritas Certification Holding SAS - UK Branch certifies that the Management System of the above organisation has been audited and found to be in accordance with the requirements of the management system standards detailed below

#### ISO 9001:2015

Scope of certification

General Metal Fabrication, Fabrication and Assembly , High Pressure Equipment Fabrication including (Pressure Vessels, Heat Exchangers), General Steel Repairs, Tanks Manufacturing and Repairs

Original cycle start date:	12-08-2024
Expiry date of previous cycle:	NA
Certification / Recertification Audit date:	20-07-2024
Certification / Recertification cycle start date:	12-08-2024
Subject to the continued satisfactory operation of the organisation's Management System, this certificate expires on:	11-08-2027

Certificate No.: EG002759      Version: 1      Issue date: 12-08-2024



Signed on behalf of BVCH SAS UK Branch

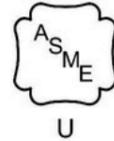
Certification Body Address: 5th Floor, 66 Prescott Street, London, E1 8HG, United Kingdom  
Local Office: Bureau Veritas Egypt, 51 Hassan Aflaton Street, Ard El-Golf Nasr City, Cairo, Egypt

Further clarifications regarding the scope and validity of this certificate, and the applicability of the management system requirements, please call: +202 24183020 / +202 24182998

UKAS Certificate Template Single Site Rev.4.1



The American Society of Mechanical Engineers



### CERTIFICATE OF AUTHORIZATION

The named company is authorized by The American Society of Mechanical Engineers (ASME) for the scope of activity shown below in accordance with the applicable rules of the ASME Boiler and Pressure Vessel Code. The use of the ASME Single Certification Mark and the authority granted by this Certificate of Authorization are subject to the provisions of the agreement set forth in the application. Any construction stamped with the ASME Single Certification Mark shall have been built strictly in accordance with the provisions of the ASME Boiler and Pressure Vessel Code.

COMPANY:

**Gharably Integrated Engineering Company**  
Piece 6,7,8 and 9- Industrial zone no. 5A, New Borgelarab,  
Alexandria  
Egypt

SCOPE:

**Manufacture of pressure vessels at the above location and field sites controlled by the above location (This authorization does not cover impregnated graphite)**

AUTHORIZED: **September 11, 2023**  
EXPIRES: **September 11, 2026**  
CERTIFICATE NUMBER: **61039**

*Ruth D. Caplan*  
Board Chair, Conformity Assessment

*YM Zusinberg*  
Managing Director, Standards & Engineering Services



### THE NATIONAL BOARD OF BOILER & PRESSURE VESSEL INSPECTORS

#### Certificate of Authorization



*This is to certify that*

**Gharably Integrated Engineering Company**  
Piece 6, 7, 8 and 9 - Industrial zone no. 5A  
New Borgelarab, Alexandria  
Egypt  
Acceptable Abbreviation: GIECO

*is authorized to use the R Symbol in accordance with the provisions of the National Board Inspection Code and NB-415, Accreditation of "R" Repair Organizations.*

All activities within the scope of this Authorization shall be controlled by the above location.

The scope of this Authorization is limited to:

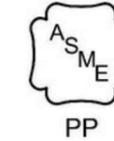
Metallic  
Repairs and Alterations  
At  
Shop and Field Locations

Certification Number: 12302

Issue Date: September 12, 2023  
Expiration Date: September 11, 2026

Executive Director

*[Signature]*



### CERTIFICATE OF AUTHORIZATION

The named company is authorized by The American Society of Mechanical Engineers (ASME) for the scope of activity shown below in accordance with the applicable rules of the ASME Boiler and Pressure Vessel Code. The use of the ASME Single Certification Mark and the authority granted by this Certificate of Authorization are subject to the provisions of the agreement set forth in the application. Any construction stamped with the ASME Single Certification Mark shall have been built strictly in accordance with the provisions of the ASME Boiler and Pressure Vessel Code.

COMPANY:

**Gharably Integrated Engineering Company**  
Piece 6,7,8 and 9- Industrial zone no. 5A, New Borgelarab,  
Alexandria  
Egypt

SCOPE:

**Fabrication and assembly of pressure piping at the above location and field sites controlled by the above location**

AUTHORIZED: **September 11, 2023**  
EXPIRES: **September 11, 2026**  
CERTIFICATE NUMBER: **61038**

*Ruth D. Caplan*  
Board Chair, Conformity Assessment

*YM Zusinberg*  
Managing Director, Standards & Engineering Services

The American Society of Mechanical Engineers





## GIECO SCOPE OF WORK

DESIGN AND CONSTRUCTION OF MARINE WORKS, PORTS, BRIDGES, ROADS, HIGHWAYS, TUNNELS, RAILWAYS, AIRPORTS, FACTORIES, WATER & SEWAGE TREATMENT PLANTS, RESIDENTIAL, COMMERCIAL & INDUSTRIAL BUILDINGS INCLUDING MECHANICAL, ELECTRICAL WORKS AND PILING WORKS.

FABRICATING OF HEAVY STEEL PRODUCTS, STORAGE TANKS AND PIPELINES.

MANUFACTURING OF READY MIXED CONCRETE & CONCRETE MASONRY PRODUCTS.



# HSE POLICY

## HEALTH SAFETY AND ENVIRONMENTAL POLICY

GHARABLY INTEGRATED ENGINEERING COMPANY (GIECO) IS ONE OF THE MAJOR EPC CONTRACTORS WITH SUCCESSFULLY COMPLETED INDUSTRIAL AND CIVIL PROJECTS ALL AROUND EGYPT, IT ACKNOWLEDGES ITS RESPONSIBILITIES FOR SUSTAINABLE DEVELOPMENT TO PROVIDE ALL APPLICABLE INSTRUCTIONS, PROCEDURES, AND GUIDELINES FOR THE IMPLEMENTATION OF THE MEGA PROJECTS IN FULL COMMITMENT AND RESPECT TO OCCUPATIONAL HEALTH AND SAFETY AND ENVIRONMENTAL LEGAL AND SOCIAL RESPONSIBILITY.

THE OBJECTIVE OF THE HSE MANAGEMENT SYSTEM IS TO ENSURE THAT ALL WORKS ARE PERFORMED IN COMPLIANCE WITH APPLICABLE STANDARDS, SPECIFICATIONS, REGULATIONS, CODES AND BEST INDUSTRY PRACTICES. FURTHER, THE APPROVED POLICY IS DESIGNED TO PROVIDE A FINAL PRODUCT THAT MEETS ALL STANDARDS FOR RELIABILITY, SAFETY, ENVIRONMENTAL PROTECTION AND CUSTOMER SATISFACTION.

GIECO IS FIRMLY COMMITTED TO PROVIDE STEEL FABRICATIONS AND CIVIL WORK THAT FULLY MEETS THE CLIENT REQUIREMENTS AND EXPECTATIONS WITH FULL COMMITMENT TO HEALTH AND SAFETY AND ENVIRONMENTAL RULES, RESPONSIBILITIES AND LEGISLATIONS.

GIECO IS COMMITTED TO CONTINUALLY IMPROVE HSE IN ITS OPERATIONS THROUGH ACTIVE PARTICIPATION OF OUR EMPLOYEES, CONTRACTORS AND COMMUNITY, GIECO TAKES ALL REASONABLE MEASURES AT ITS OPERATIONS AND DISPOSALS TO PROTECT THE HEALTH AND SAFETY OF ITS PERSONNEL AS WELL AS TO PROTECT THE ENVIRONMENT IN WHICH IT OPERATES.

GIECO CONSIDERS HEALTH, SAFETY, AND ENVIRONMENT TO BE A MATTER OF PRIME CONCERN IN CONDUCTING ITS DAILY BUSINESS.

GIECO MANAGEMENT TEAM COMMIT THAT ALL INJURIES AND INCIDENTS ARE PREVENTABLE, AND THEY SEEK FOR ZERO HARM THEREFORE COMMITTED TO ENSURING THAT ALL EMPLOYEES AND CONTRACTORS SHALL WORK IN AN ENVIRONMENT THAT IS FREE OF HAZARDS THAT MAY CAUSE PERSONAL INJURY.

TO ACHIEVE THESE OBJECTIVES GIECO WILL PURSUE THE FOLLOWING OCCUPATIONAL HEALTH, SAFETY, AND ENVIRONMENTAL REQUIREMENTS.



**GIECO** MAINTAINING A SAFE WORKING ENVIRONMENT AT THE WORKPLACE AND WILL ENCOURAGE ITS EMPLOYEES AND CONTRACTORS TO BE RESPONSIBLE FOR THEIR OWN HEALTH AND SAFETY, AND OF THOSE AROUND THEM.

**GIECO** ENSURING THE COMMITMENT TO CONSULTATION AND PARTICIPATION OF ITS EMPLOYEES TO ENHANCE ITS KNOWLEDGE MANAGEMENT SYSTEM.

**GIECO** ALWAYS SEEKS TO MAINTAIN THE TRUST OF ALL STAKEHOLDERS AS IT MAINTAINS AT THE SAME TIME PERFORMING ALL THE ITS ACTIVITIES IN FULL COMPLIANCE WITH THE REQUIREMENTS OF SAFETY, OCCUPATIONAL HEALTH AND ENVIRONMENT.

**GIECO** ENSURING HEALTH, SAFETY, AND ENVIRONMENTAL PRACTICES AND PROCEDURES ARE MAINTAINED THROUGHOUT THE COMPANY AND ALL ITS SITES AND PROMOTE THE INVOLVEMENT OF ALL PERSONNEL IN THE MAINTENANCE OF A SAFE WORKING ENVIRONMENT AND EFFECTIVELY MAINTAIN ITS ADEQUACY AND CONTINUALLY IMPROVE ITS HSE MANAGEMENT SYSTEM TO ENSURE SUSTAINABILITY.

**GIECO** MAINTAINING PROCEDURES FOR INVESTIGATING ALL ACCIDENTS AND ACT ON THE RECOMMENDATIONS OF THOSE INVESTIGATIONS TO PREVENT SIMILAR EVENTS FROM REOCCURRING.

**GIECO** PROVIDING THE REQUIRED PPE FOR ALL EMPLOYEES.

**GIECO** PROVIDING THE TRAINING AND SUPERVISION NECESSARY TO SUPPORT THE OCCUPATIONAL HEALTH, SAFETY, AND ENVIRONMENTAL POLICIES IT HAS PUT IN PLACE.

**GIECO** MANAGING AIR, WATER AND NOISE POLLUTION IN ITS OPERATION AND CONTINUAL IMPROVEMENT IN ENVIRONMENTAL QUALITY OF POLLUTION BY APPLYING AVAILABLE PRACTICE AND SETTING AND REVIEWING OBJECTIVES AND TARGETS.

**GIECO** COMPLYING WITH ALL APPLICABLE LAWS AND REGULATIONS AND OTHER REQUIREMENTS AND CONTINUALLY IMPROVE ITS HSE MANAGEMENT SYSTEM.

**GIECO** MAINTAINING UPDATED HSE MANAGEMENT SYSTEM PROCEDURES TO ACHIEVE ZERO INCIDENTS & LOSSES FOR WHICH REFLECT BEST INDUSTRY PRACTICES.

**GIECO** ENSURING THAT ITS HSE POLICY IS AVAILABLE TO ALL RELEVANT INTERESTED PARTIES.

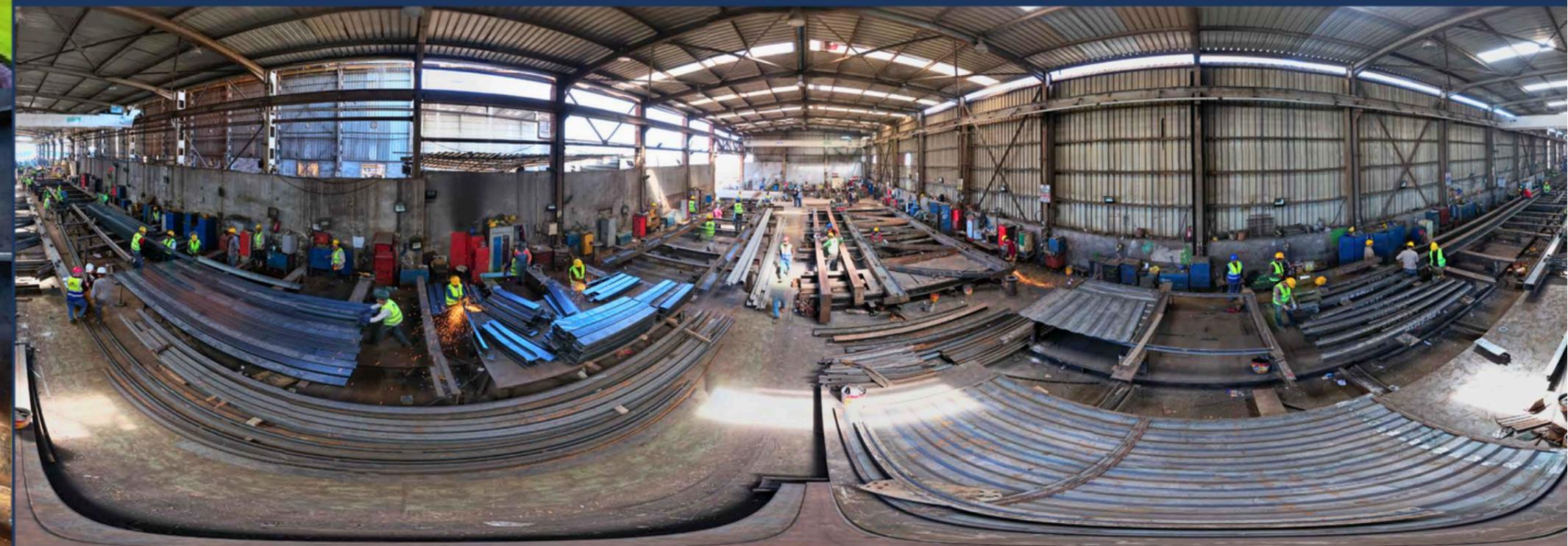
**GIECO** REVIEWING ITS HSE POLICY DURING THE MANAGEMENT REVIEW MEETING TO ENSURE ITS CONTINUAL SUSTAINABILITY TO THE SCOPE OF THE WORK.

**CHAIRMAN ENG. ESSAM ELGHARABLY**



## GIECO METAL FABRICATION PLANT

GIECO PRODUCES ABOUT 3000 TONS/MONTH OF STEEL WORKS FROM STEEL WORKS OR VARIOUS METAL SECTORS OF ORDINARY CARBON STEEL OR STAINLESS STEEL.



## GIECO NEW METAL FABRICATION PLANT

LAND AREA 360,000 SQUARE METERS WITH  
A PRODUCTION CAPACITY BETWEEN 5,000  
AND 8,000 TONS PER MONTH

THREE MAIN WORKSHOPS ON SPACE OF  
40,000 SQUARE METERS

1. HEAVY STEEL WORKSHOP
2. MEDIUM STEEL WORKSHOP
3. SPECIAL MATERIALS WORKSHOP



PRODUCTION PROCESS  
AND WORK FLOW

## 1. RAW MATERIAL STORAGE AND INSPECTION

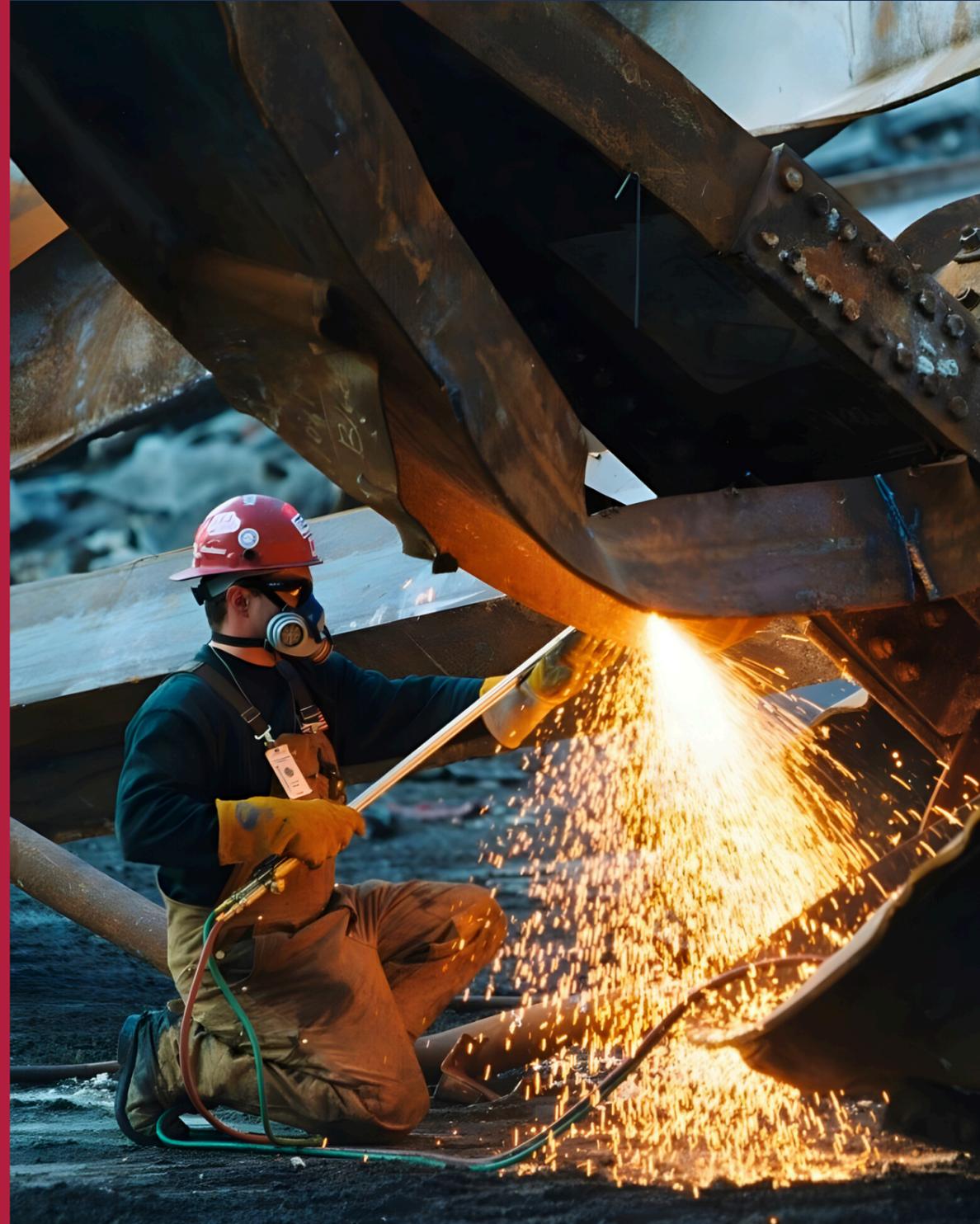
### 2. PREPARATION

- CUTTING
- BENDING
- ROLLING
- DRILLING

### 3. WELDING AND ASSEMBLY

### 4. FINISHING

### 5. SANDBLASTING AND PAINTING



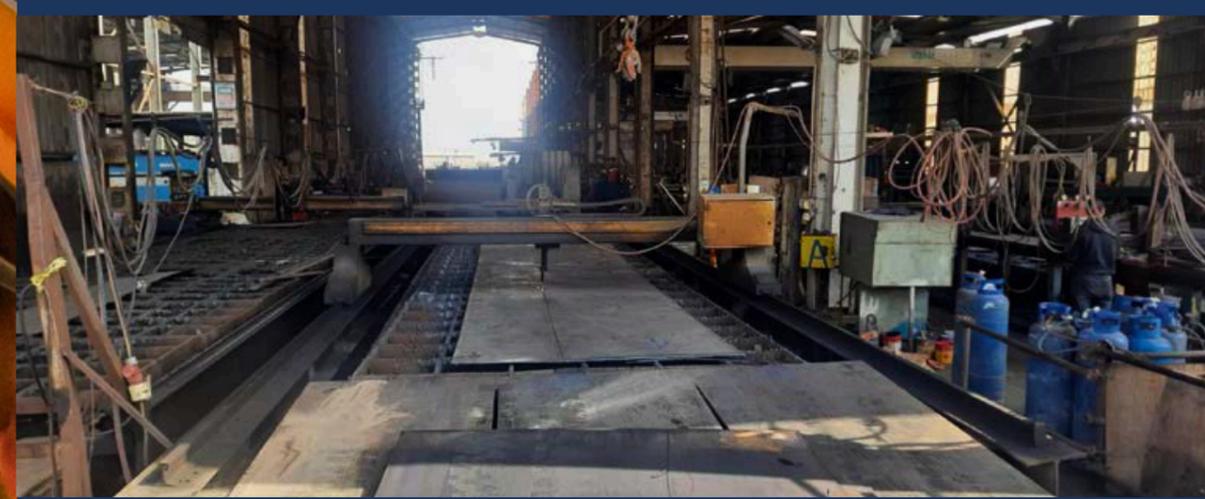
PRODUCTION PROCESS  
AND WORK FLOW

## 1. Raw Material Storage And Inspection

## 2. PREPARATION

### A. CUTTING

FOCUSING ON THE HIGH  
PLATE THICKNESSES  
THROUGH CUTTING PROCESS



### A. CUTTING

#### A.1 CNC CUTTING

CNC FLAME CUTTING AND PLASMA MACHINES

QUANTITY OF 6 MACHINES CAPABLE OF CUTTING  
STEEL PLATES WITH THICKNESSES RANGING FROM  
3 MM TO 100 MM, AND MAXIMUM DIMENSIONS OF  
UP TO 3 METERS IN WIDTH AND 13 METERS IN  
LENGTH, ENSURING HIGH PRECISION AND  
PRODUCTIVITY FOR LARGE-SCALE FABRICATION  
PROJECTS.

PRODUCTION PROCESS  
AND WORK FLOW

## A. Cutting A.2 SHEAR CUTTING

SHEAR CUTTING MACHINES

QUANTITY OF 3 MACHINES CAPABLE OF CUTTING STEEL PLATES WITH THICKNESSES RANGING FROM 5 MM TO 20 MM, WITH BLADE LENGTHS FROM 3 METERS TO 4 METERS, ENSURING FAST, ACCURATE, AND EFFICIENT PLATE CUTTING FOR FABRICATION OPERATIONS.

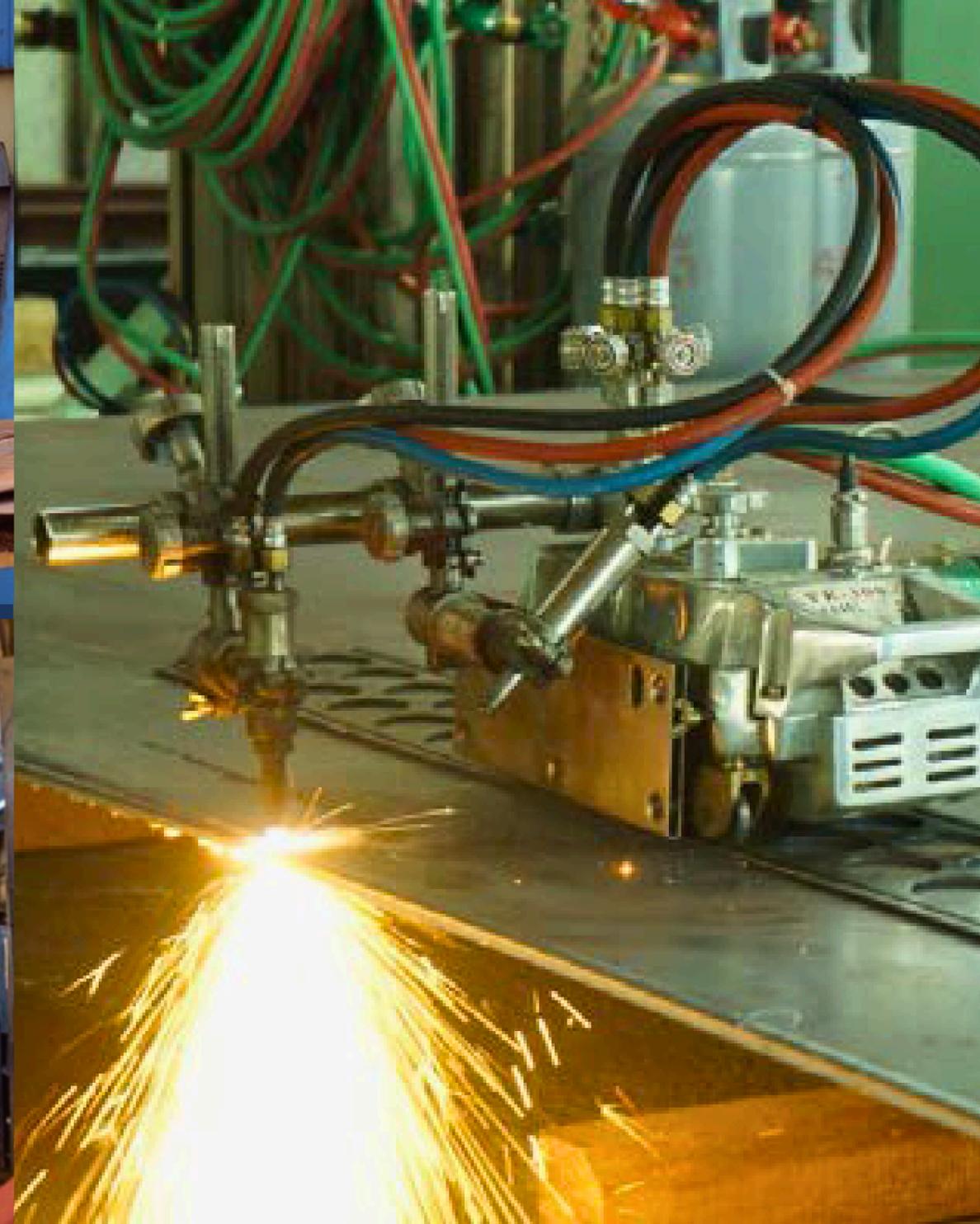


PRODUCTION PROCESS  
AND WORK FLOW

## A. Cutting A.3 SEMI AUTOMATIC CUTTING

SEMI-AUTOMATIC CUTTING MACHINES  
WITH TRACTORS

QUANTITY OF 20 MACHINES  
TO SUPPORT CNC IN CASE OF  
INCREASING OF FACTORY LOADING



## 2. PREPARATION

### B. ROLLING

QUANTITY OF 11 ROLLING MACHINES  
(INCLUDING BOTH THREE-ROLLER AND  
FOUR-ROLLER TYPES)

MATERIAL GRADES: SUITABLE FOR ALL  
THICKNESS RANGES OF CARBON STEEL  
GRADES ST.37 AND ST.52

STAINLESS STEEL: ONE MACHINE IS  
SPECIALLY DESIGNED FOR STAINLESS  
STEEL ROLLING UP TO 6 MM THICKNESS

THICKNESS RANGE: FROM 5 MM  
TO 130 MM

ROLLING DIAMETER: FROM 150 MM TO  
900 MM, DEPENDING ON THE TOP ROLL  
DIAMETER OF EACH MACHINE

ROLL LENGTHS: 2000 MM, 2500 MM,  
AND 3000 MM



## 2. PREPARATION

### C. DRILLING

#### C.1 MANUAL DRILLING AND PUNCHING MACHINES

THERE ARE TWO MAIN TYPES OF  
MACHINES BASED ON THE DRILLING  
PROCESS; DRILLING MACHINES AND  
PUNCHING MACHINES.

DRILLING MACHINES; QUANTITY OF 7  
MACHINES (INCLUDING PILLAR TYPE AND  
RADIAL TYPE), CAPABLE OF DRILLING  
STEEL MATERIAL GRADES ST.37 AND ST.52  
WITH THICKNESSES OF UP TO 30 MM.

PORTABLE MAGNETIC DRILLS;  
APPROXIMATELY 40 PORTABLE MAGNETIC  
DRILLING MACHINES TO SUPPORT ONSITE  
AND WORKSHOP OPERATIONS.

PUNCHING MACHINES; QUANTITY OF 2  
HYDRAULIC PUNCHING MACHINES USED  
FOR PUNCHING OPERATIONS, COVERING  
STEEL PLATE THICKNESSES  
UP TO 30 MM

PRODUCTION PROCESS  
AND WORK FLOW

### C. DRILLING C.2 CNC DRILLING MACHINE

MACHINE TYPE: GANTRY MOVEABLE  
SINGLE-SPINDLE CNC DRILLING MACHINE

MAXIMUM DRILLING DIAMETER: Ø 50 MM  
FOR STEEL MATERIAL  
GRADES ST.37 AND ST.52

MAXIMUM WORKPIECE SIZE  
(L × W): 3000 × 1600 MM



PRODUCTION PROCESS  
AND WORK FLOW

### 2. PREPARATION D. WELDING

THERE ARE FOUR MAIN TYPES OF WELDING  
MACHINES DEPENDS ON THE PROCESS OF  
WELDING, CIRCULAR, VERTICAL,  
HORIZONTAL AND PORTABLE WELDING  
MACHINES.

PRODUCTION PROCESS  
AND WORK FLOW

## D. WELDING D.1 PORTABLE WELDING MACHINES

APPROXIMATELY 90 SMAW (SHIELDED  
METAL ARC WELDING) MACHINES

42 FCAW / GMAW (FLUX-CORED / GAS  
METAL ARC WELDING) MACHINES  
5 GTAW (TIG / ARGON WELDING)  
MACHINES

THESE MACHINES SUPPORT A WIDE RANGE  
OF WELDING APPLICATIONS WITH HIGH  
EFFICIENCY AND QUALITY CONTROL.



PRODUCTION PROCESS  
AND WORK FLOW

## D. WELDING D.2 HORIZONTAL WELDING MACHINE

QUANTITY OF 1 MACHINE  
DESIGNED FOR WELDING BEAM SECTIONS  
UP TO 1250 MM IN HEIGHT,  
500 MM IN WIDTH, AND 12 METERS IN  
LENGTH, ENSURING HIGH EFFICIENCY AND  
PRECISION FOR LARGE STRUCTURAL  
COMPONENTS.

PRODUCTION PROCESS  
AND WORK FLOW

## D. WELDING D.3 VERTICAL WELDING MACHINES

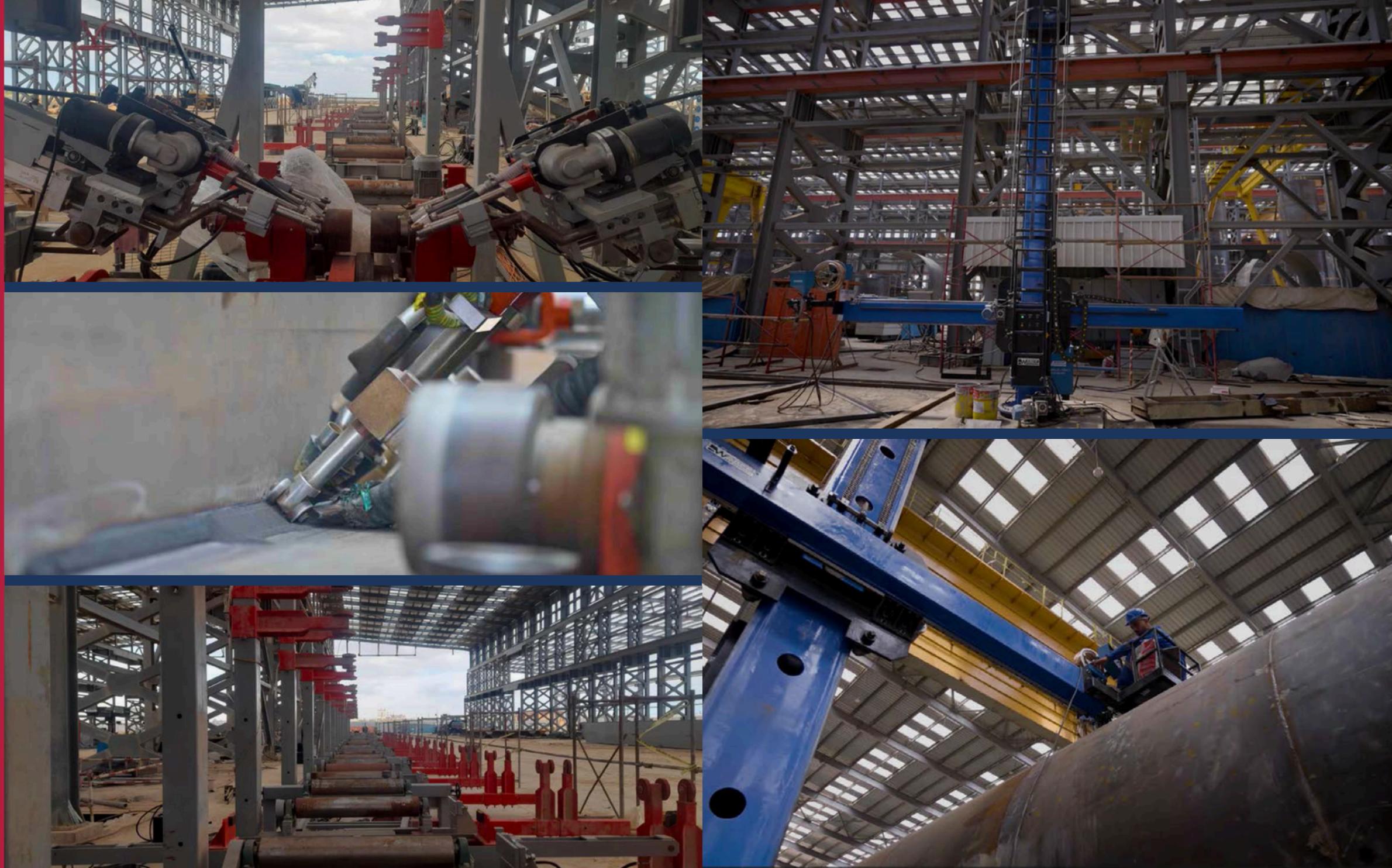
QUANTITY OF 2 MACHINES

MACHINE NO. 1:

BEAM SECTIONS UP TO 2250 MM HEIGHT,  
1250 MM WIDTH, AND 60 M LENGTH

MACHINE NO. 2:

SECTIONS UP TO 3000 MM HEIGHT, 1500  
MM WIDTH, AND 60 M LENGTH



PRODUCTION PROCESS  
AND WORK FLOW

## D. WELDING D.4 COLUMN AND BOOM WELDING MACHINES

QUANTITY OF 3 COLUMN AND BOOM  
5MX5M FOR CIRCULAR WELDING OF PIPES.

PRODUCTION PROCESS  
AND WORK FLOW

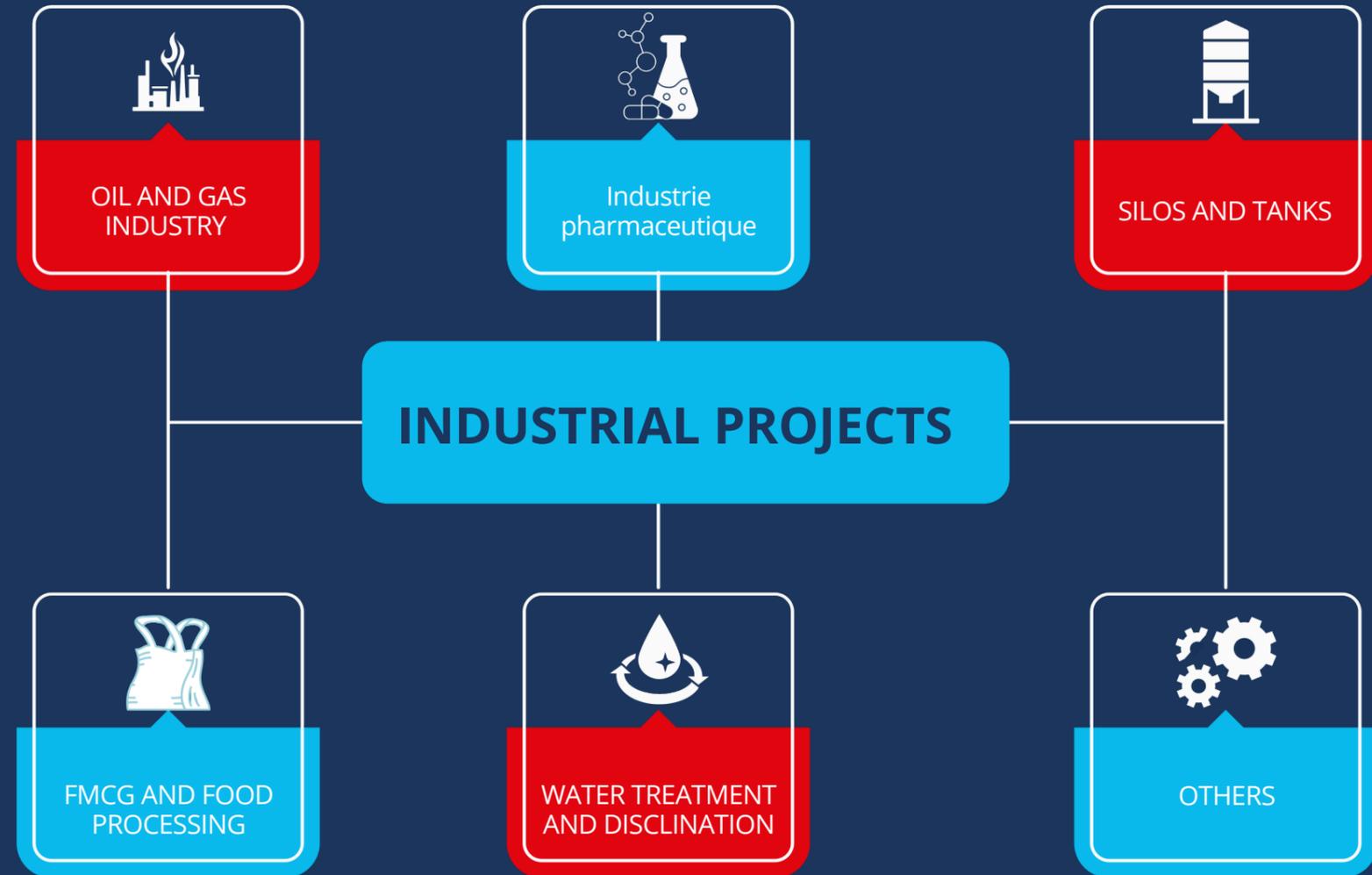
#### 4. FINISHING

FOCUSING ON THE PROCESS ITSELF AND  
THE POSITION OF THE LABORS TO DO  
THEIR JOBS ALSO FOCUSING ON BEFORE  
AND AFTER OF STEEL BEAMS TO SHOW  
THE EFFECT OF FINISHING PROCESS



PRODUCTION PROCESS  
AND WORK FLOW

#### 5. SANDBLASTING AND PAINTING



STEEL STRUCTURE

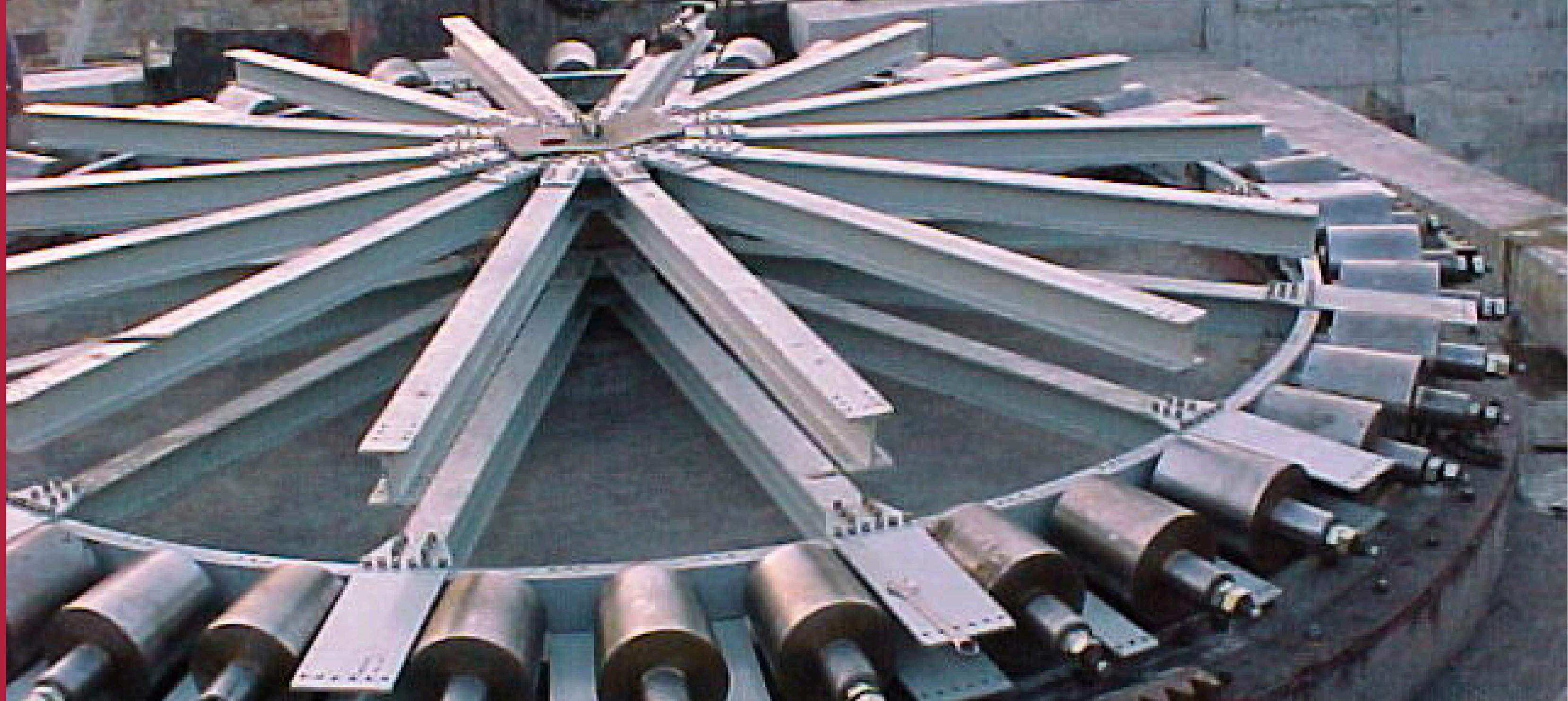
## FLAGPOLE

THE TALLEST FLAGPOLE IN THE WORLD  
201,952 METERS



STEEL STRUCTURE

ROTATING  
MECHANISM



STEEL STRUCTURE

## TANKS AND SILOS



STEEL STRUCTURE

## TANKS AND SILOS



STEEL STRUCTURE

## TANKS AND SILOS



STEEL STRUCTURE

## TANKS AND SILOS



STEEL STRUCTURE

## YACHT REPAIR HUNGER

NEOM - SAUDI ARABIA



FACTORIES

## AGRICULTURE AND FOOD PROCESSING INDUSTRY

### ALEX SEEDS

- MECHANICAL INSTALLATION FOR THE BLEACHING AND OIL REFINING UNITS
- MANUFACTURING, SUPPLYING AND INSTALLATION OF TANKS, CONTROL AND LIGHTNING FOR BOTH OF THE REFINERIES AND PACKING BUILDINGS
- SUPPLY AND INSTALL ELECTROMECHANICAL AND STEEL WORKS FOR PREPARATION UNITS AND PACKAGING



FACTORIES

## AGRICULTURE AND FOOD PROCESSING INDUSTRY

THE EGYPTIAN SALTS &  
MINERALS CO. EMISAL



FACTORIES

## AGRICULTURE AND FOOD PROCESSING INDUSTRY

SUGAR COMPANY AND  
INTEGRATED INDUSTRIES.



FACTORIES

AGRICULTURE AND  
FOOD PROCESSING  
INDUSTRY

CARGILL



FACTORIES

**AGRICULTURE AND  
FOOD PROCESSING  
INDUSTRY**

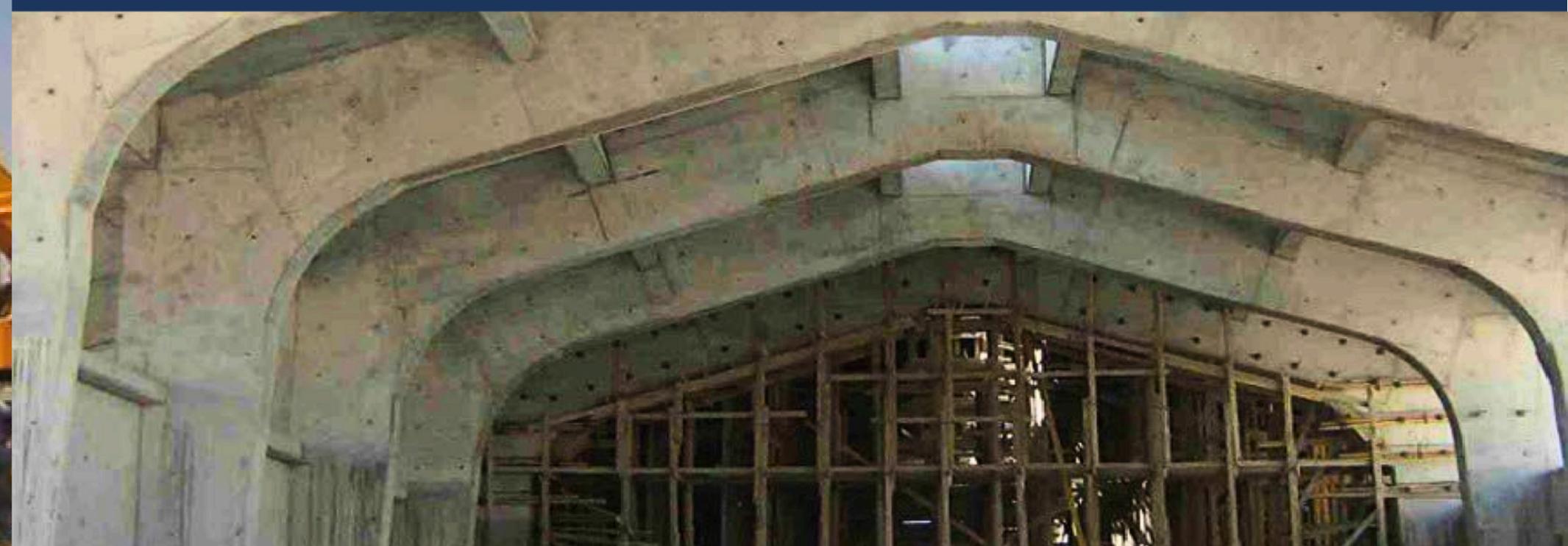
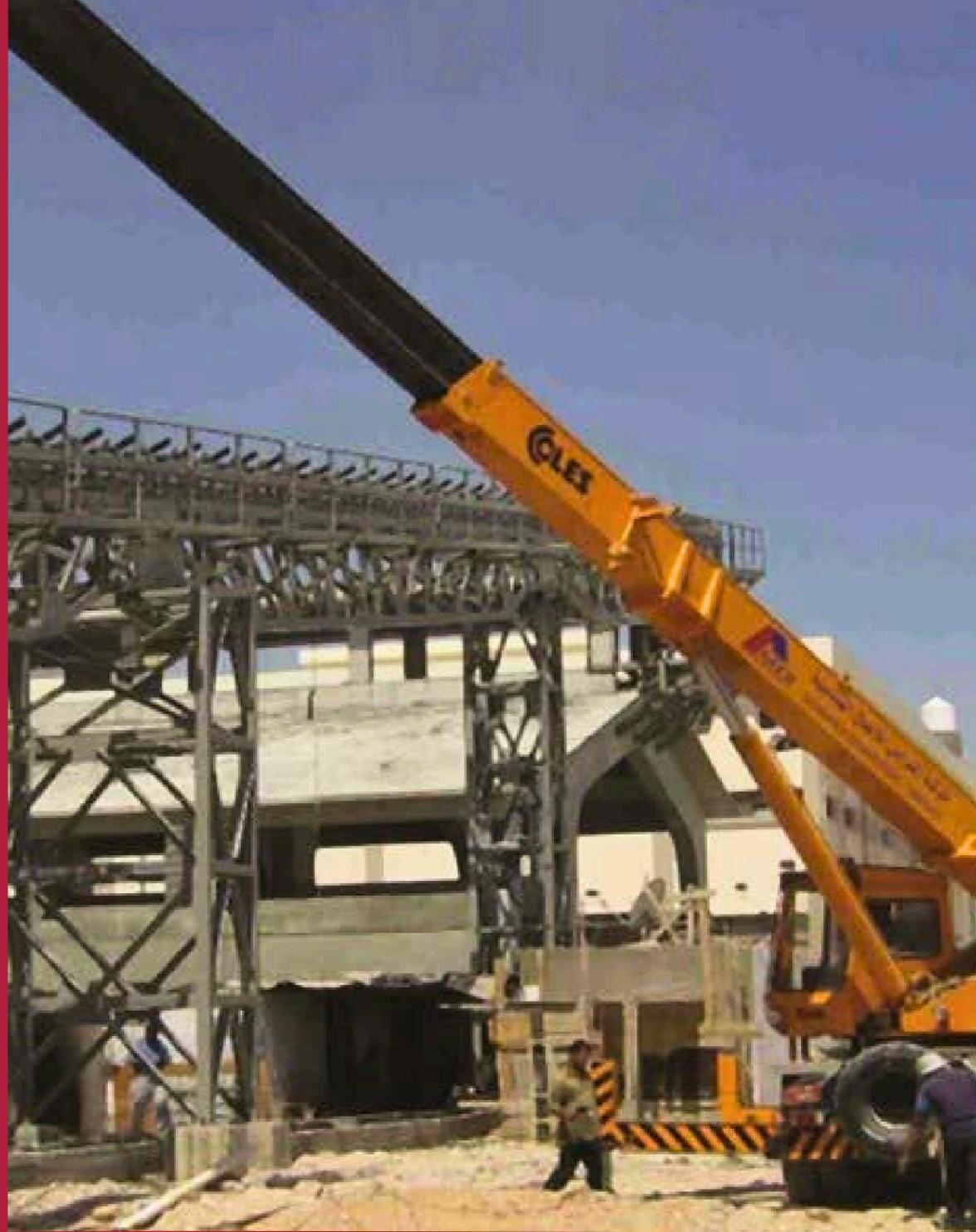
NAMA COMPANY



FACTORIES

# CEMENT AND FERTILIZING INDUSTRY

SUEZ CO. FOR FERTILIZERS

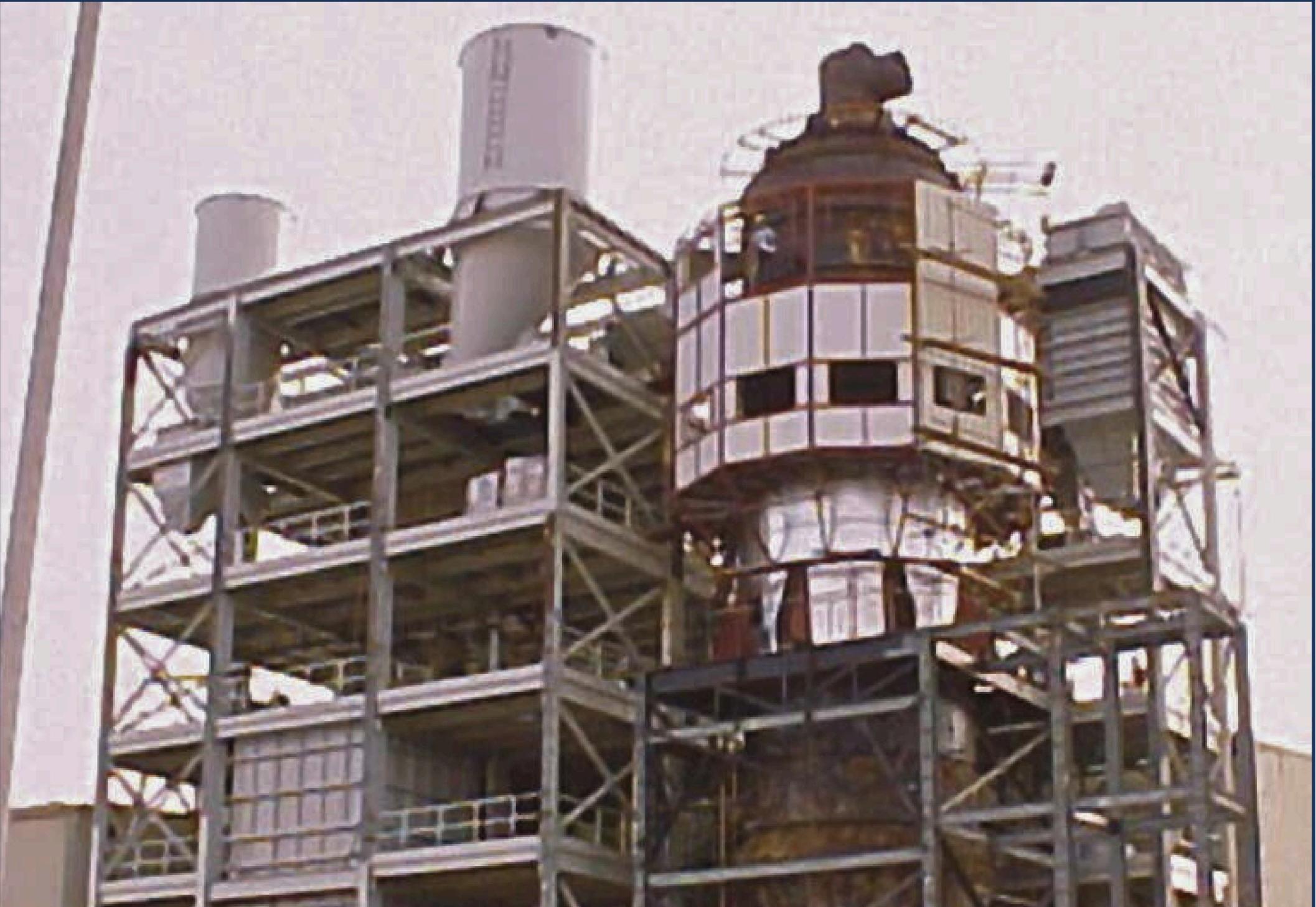


FACTORIES



Unilever

**FMCG AND FOOD  
PROCESSING**

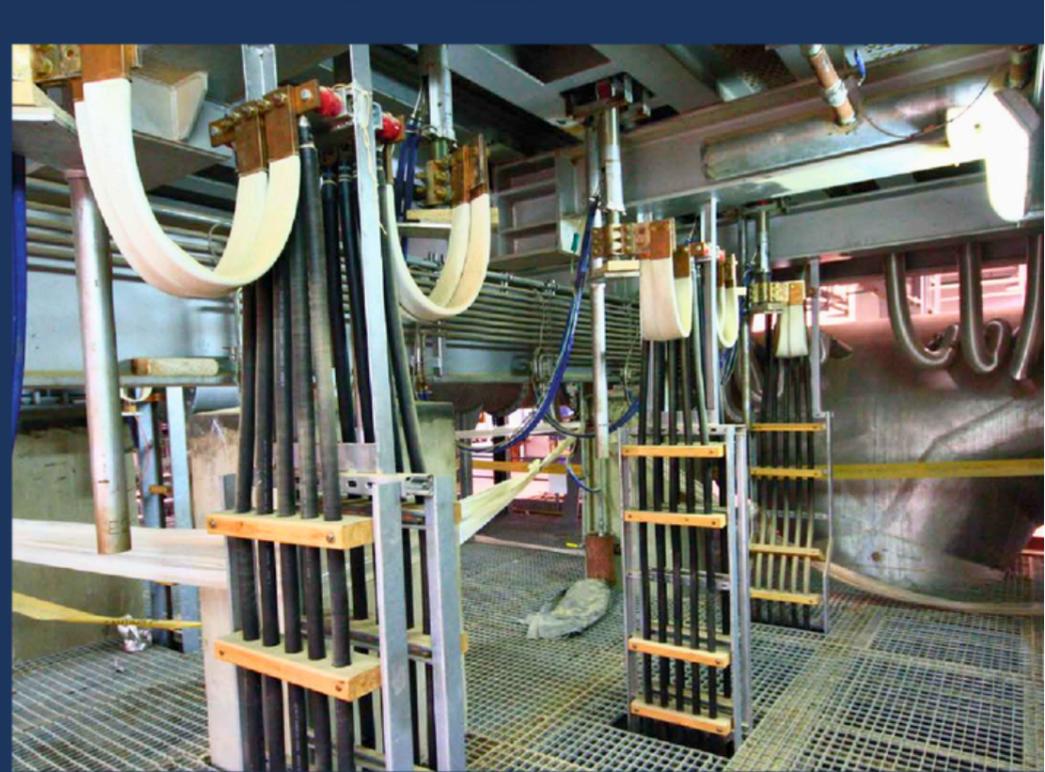


FACTORIES

## OTHER INDUSTRY

APG  
ARAB PHARMACEUTICAL CO.

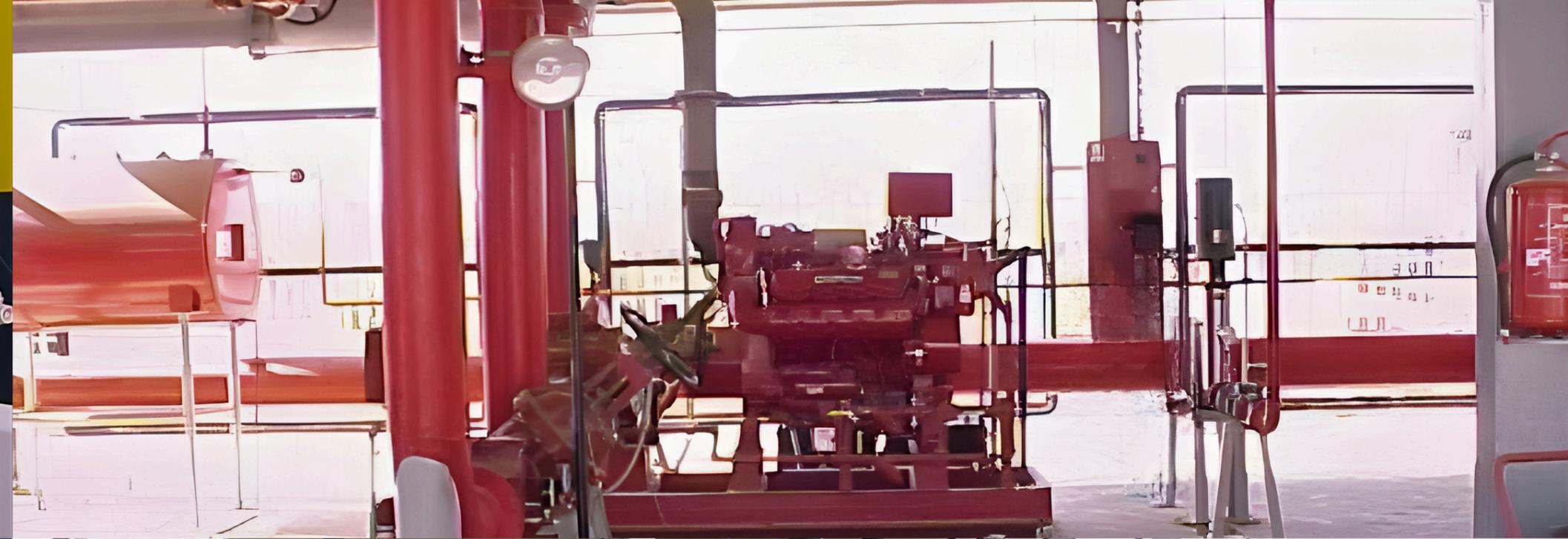
SUPPLY AND INSTALL ELECTROMECHANICAL  
WORK FOR MIXING STATION



FACTORIES

## OIL & GAS INDUSTRY

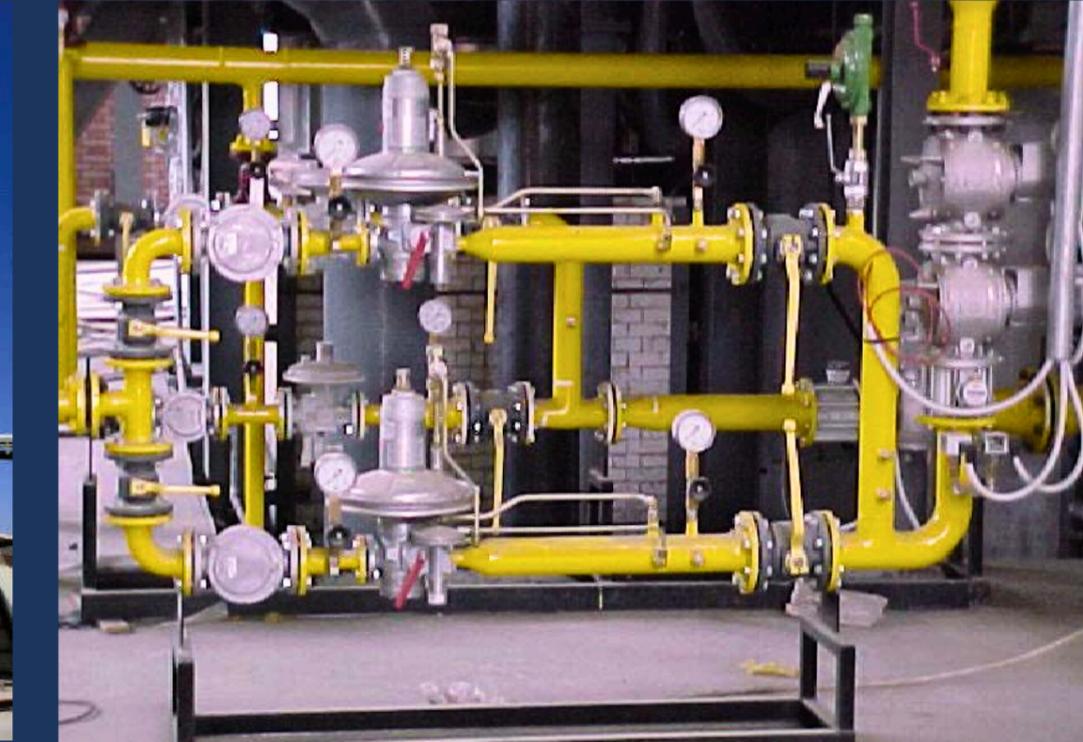
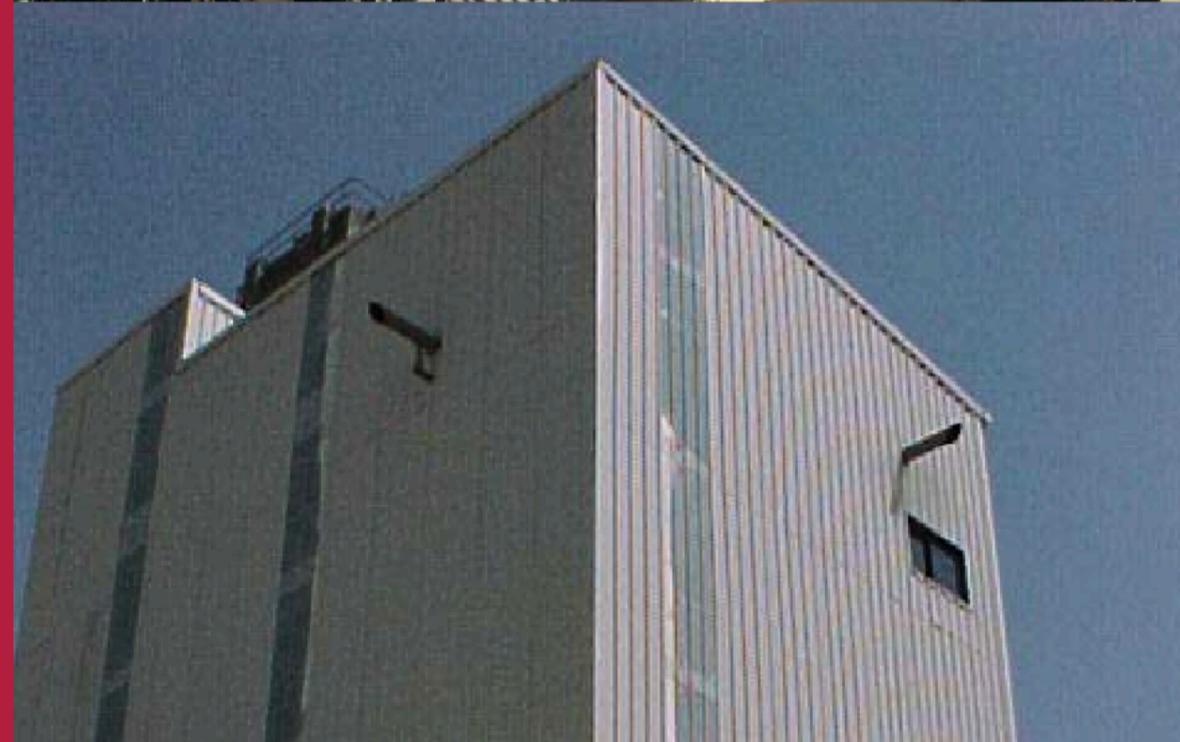
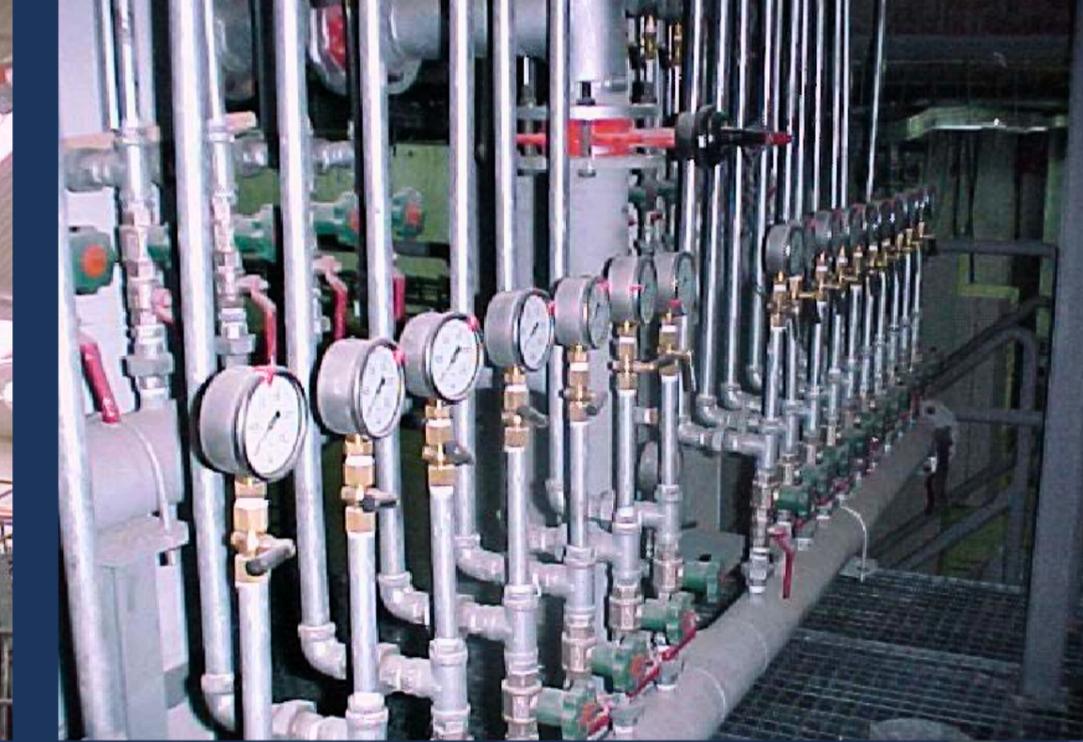
EGYPTIAN CANADIAN COMPANY  
IN FREE ZONE - ALEXANDRIA.



FACTORIES

## GLASS INDUSTRY

GLASS ROCK COMPANY  
FOR INSULATION



FACTORIES

**READY MADE  
GARMENTS**

ELVAN KNITTING DYING  
AND FINISHING

**DETERGENTS  
INDUSTRY**

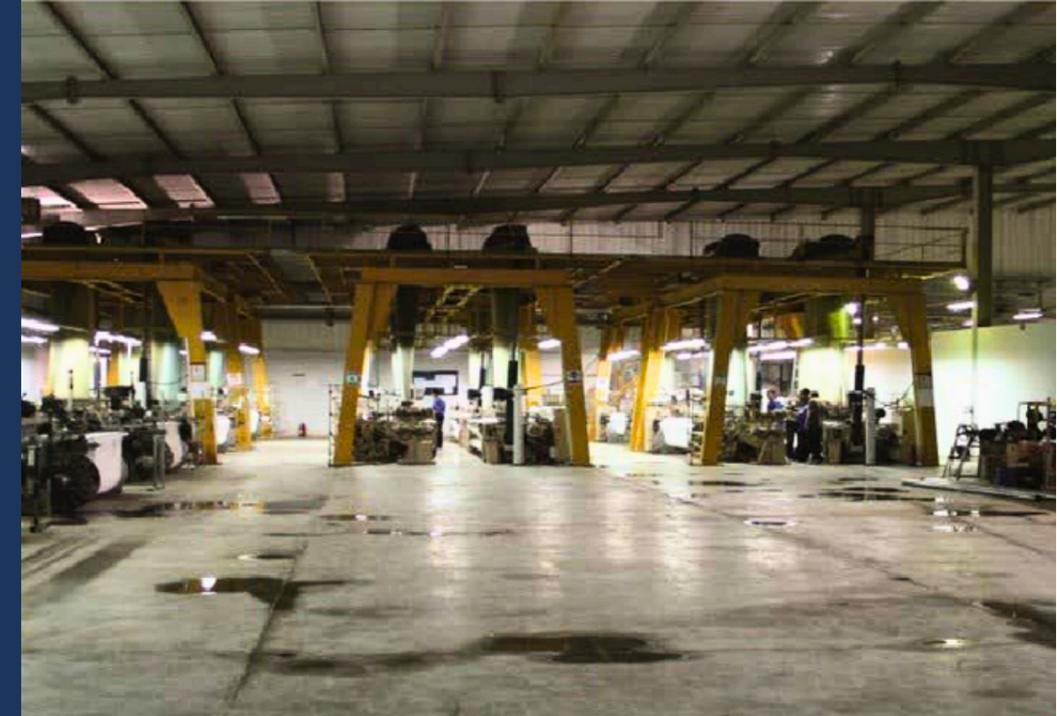
EVYAP - EGYPT.  
SOAP FACTORY



## OTHER INDUSTRY READY MADE GARMENTS

- CALIK ALEXANDRIA FOR  
READY MADE GARMENTS
- KCG TEXTILE EGYPT  
KUCUKCALIK
- TAHA GROUP
- RUBYRED GARMENT



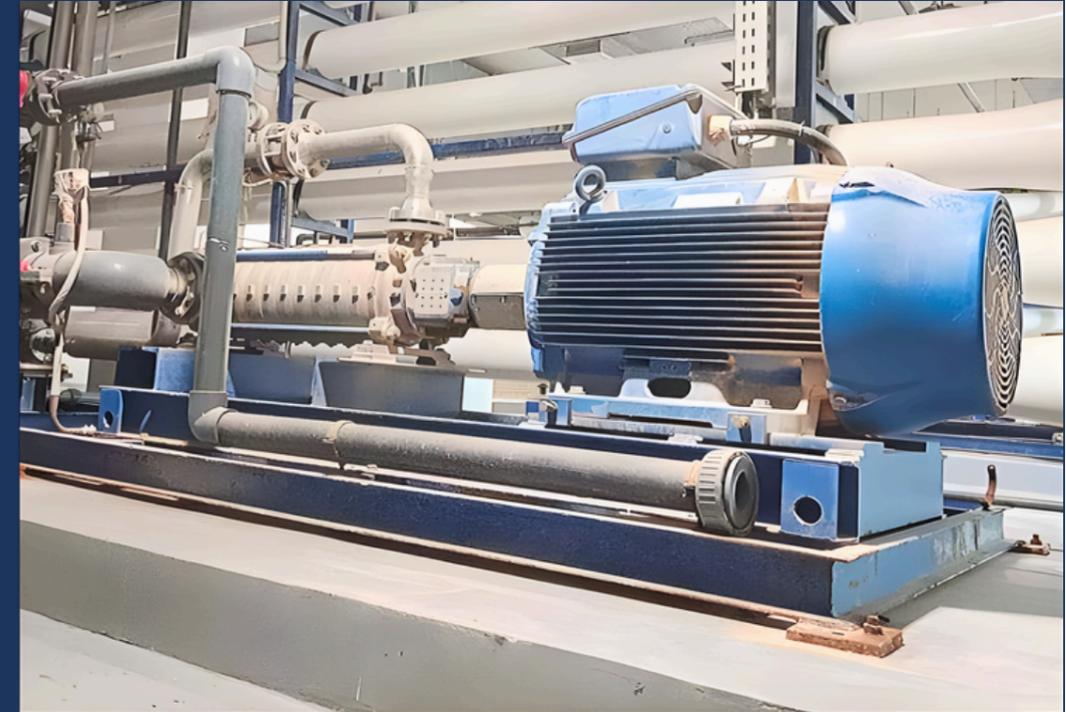


WATER TREATMENT

# IWWT INDUSTRIAL WASTE WATER TREATMENT

3RD JULY STATION

DESCRIPTION AND EMPHASIZE COMPANY  
CAPABILITIES TO RUN SUCH PROJECTS



GHARABLY  
INTEGRATED  
ENGINEERING CO. S.A.E.

[https://gieco-  
eg.com/](https://gieco-eg.com/)

56 Mohamed Fawzi Moaz st.,  
Smouha Heights, Alexandria,  
Egypt.

Tel.: (203) 4203665  
Fax: (203) 4202639

E-mail: [info@gharably.com](mailto:info@gharably.com)

