



## **EGYPT JAPAN STEEL WORKS**

### **الشركة المصرية اليابانية لأعمال الصلب**

#### **Head Office & Plant**

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## Food Industries Sector

### Products

- Spindles, shafts, eccentric shafts, crank shafts.
- Rollers, crane wheels, couplings, rolls, fooders discs.
- Gears, gear blanks, rings, locomotive tyres. Chains, bearing houses, machine frames, side
- Rods, blades and blades holders.

### Specifications

- Material is carbon steel, alloy steel, tool steel or stainless steel.
- Forging, machining and heat treatment are carried out according to international standards and/or customer requirements.

### Representative Clients

Dakahlia Sugar Company  
Delta Sugar Company  
Faiyum Sugar Company  
Sugar & Integrated Industries (Abo Korkas, AL-Hawamdia, Arment, Doshna, EDFO, Equipment, Gerga, Koas, Komombo, Naga Hamady)

(Alphabetical order)

## Other Sectors

### Products

- Shafts, eccentric shafts, crank shafts, rollers, crane wheels, couplings, etc.
- Chains, bearing houses, blades and blades holders, forks, gears, rings, etc.

### Specifications

- Material is carbon steel, alloy steel, tool steel or stainless steel.
- Forging, machining and heat treatment are carried out according to international standards and/or customer requirements.

### Representative Clients

Alexandria Carbon Black Company  
Al-Ezz Ceramics Company  
Asec for Casting and Heat Treatment Company (ARESCO)  
Clay Bricks Factories  
Cleopatra Ceramic Company  
Delta for Sand Bricks Company  
Domitta Marine Port Company  
Egyptian Tires Company  
El-Nasr for Coke Industry  
International Crane Manufacturing Company  
Marine Transportation Company  
Misr Spinning & Weaving Company  
Petroleum Marine Services Company  
Societe Misr Pour La Rayonne Company  
Suez Canal Authority Company  
Suez Shipyard Company  
Tanta Oil & Soap Company  
United Marble & Granite Company  
Upper Egypt for Clay Bricks Company

(Alphabetical order)



## Engineering Industries Sector

### Products

- Shafts, crank shafts, eccentric shafts, rolls, pins, special head bolts, worm gears.
- Crane wheels, pulleys, bushes, gears with different types, couplings, rollers.
- Mill rings, rimmed gears.
- Chains, racks, rack houses and other spare parts, components up to 4.0 ton/piece.

### Specifications

- Material is carbon steel, alloy steel, tool steel or stainless steel.
- Forging, machining and heat treatment are carried out according to international standards and/or customer requirements.

### Representative Clients

Abu Zaabal for Engineering Industry (F100)  
Aircraft Factory (F36)  
Alexandria for Engineering Works Company  
Alexandria Maintenance & Construction Company (A.M.C)  
Alexandria National Iron & Steel Company  
Alexandria Shipyard Company  
Arab British Dynamics (ABD)  
Arabian Cables Company (El-Sweedy)  
Arabian Engineering Industrial Company (Wema Steel)  
Asec Replco Electric Rewinding & Repair Company (Maadi)  
Egyptian Company for Ship Reparation  
Egyptian Company for Manufacturing Electrical Insulators  
Egyptian Electricity Authority Company (EEA)  
Egyptian Financial industrial- Kafr El Zayat  
El-Nasr Automotive manufacturing Company (NASCO)  
Engine Factory (F135)  
German Egyptian Company for Gears  
Helwan Engine Diesel Factory (F909)  
Helwan Engineering Industry (F99)  
Helwan Factory for Developed Industries  
Helwan for Non Ferrous Company (63)  
Helwan Machinery & Equipment Company (F999)  
International Crane Factory (ICF)  
Kader Factory  
Maadi Engineering Company (F54)  
Masara Company (F45)  
Misr Beida Dyers company  
Misr Polyester Company  
Nasr Forging Industrial company  
Sakr Factory  
Six October for Light Sections Company  
Specialized Company for Infra Structure  
Technological & Electrical Systems Company  
Techno Machine Company

(Alphabetical order)



## Steel and Metal Making and Forming Sector

### Products

- Rolling stands.
- Rolls, spindles, shafts, eccentric shafts.
- Rollers, crane wheels, couplings.
- Gears, rings, tyres.
- Dummy bars, chains, bearings housings for steel rolling machines.

### Specifications

- Material is carbon steel, alloy steel, tool steel or stainless steel.
- Forging, machining, heat treatment and/or cladding are carried out according to international standards and/or customer requirements.

### Representative Clients

Al-Ezz Dekhella Steel Company (EZDK)  
Al-Ezz Steel Ribars Company  
Al-Ezz Flat Steel Company (EFS)  
Al-Nasr For Aluminum sections Company  
Al-saad Aluminum Company  
Arab Company for Special Steel (ARCOSTEEL)  
Arabeia Steel Fabrication Company  
Egyptian Copper Company  
Egyptian Iron & Steel Company (HADISOLB)  
El-Menofia Steel Company  
El-Nasr Steel Pipes Company  
El-Sweedy Steel Industry Company  
National Steel Fabrication Company (NSF)  
Sarhan Steel Company  
Suez Iron Industries Company  
Suez Steel Company  
Techno Steel Company  
The Aluminum Company of Egypt (EGYPTALUM)  
The Egyptian Ferroalloys Company (EFACO)

(Alphabetical order)



## Cement, Building Material and Mining Sector

### Products

- Crank shafts, pins for klinker lines, mixer shafts, special head bolts.
- Crane wheels, reclaimer wheels, reclaimer pulleys, bushes, gears with different types, couplings, rolls.
- Mill rings.
- Chains, racks, rack houses, other spare parts, components for machinery, equipment and production lines up to 2.5 ton/piece.

### Specifications

- Material is carbon steel, alloy steel, tool steel or stainless steel.
- Forging, machining and heat treatment are carried out according to international standards and/or customer requirements.

### Representative Clients

Alexandria Portland Cement Company  
Amreyah Cement Company (ACC)  
Arab Swiss Engineering Company (ASEC) (Kena Factory, Helwan Factory, Torah Factory, National Factory)  
Asmedet Talkha Company  
Assiut Cement Company (CEMEX)  
Bani Suef Cement Company  
Egypt Company for Pre-stressed Concrete  
Egyptian Cement Company  
Helwan Portland Cement Company (Elmenia)  
Helwan Portland Cement Company  
Misr Clay Brick Company  
National Cement Company  
Suez Cement Company  
The Arab Brick Company  
The Arab Contractors (Masara)  
The Arab Contractors (Helwan)  
Tourah Portland Cement Company

(Alphabetical order)



## Petroleum, Chemical and Petrochemical Sector

### Products and supplies

- All types of non-standard flanges up to 2,100mm diameter.
- Complete welded structures of flanges.
- Pipe fittings (elbows, tee-connections, reducers).
- All types of valves (gate, glob, non-return and ball).
- Parts of flanges, pipes, valves, clad with different noncorrosive alloys (carbon, nickel, aluminum, bronze, stainless steel).
- Different bolts, stud bolts, nuts.

### Specifications

- Material is according to international standards (ASME, ASTM, DIN).
- Forging, machining and heat treatment are according to international standards (ANSI, MSS, API, DIN & BS) and/or according to customer requirements.

### Fields of application

- Petrochemical plants, refineries, chemical plants, gas plants projects, pipelines and oil exploration sites.

### Representative Clients

Abu Zaabal Fertilizer & Chemical Company  
Abo Qir Fertilizer Company  
Alexandria Petroleum Company  
Alexandria Petroleum Maintenance Company (PETROMAINT)  
Amerya Petroleum Refining Company (A.P.R.C)  
Arab Petroleum Pipelines Company (SUMED)  
Assiut Oil Refining Company (ASORC)  
Belayim Petroleum Company (PETROBEL)  
Black Gold Company  
Cairo Oil Refining Company (CORC)  
Egyptian Chemical Industry Company (Cema)  
Egyptian Maintenance Company (EMC)  
Engineering for the Petroleum and Process Industries Company (ENPPI)  
General Petroleum Company (GPC)  
Gulf Petroleum Company (GAPCO)  
International Boilers & Steel Fabrication (IBSF)  
Kaha for Chemical Industry (F270)  
Kafer Al-Zayyat for Chemicals (KZ)  
Middle East Oil Refining Company (MIDOR)  
Nasr Petroleum Company (N.P.C)  
Oasis Petroleum Company (OAPCO)  
Petroleum Marine Services Company (PMS)  
Petroleum Pipeline Company (PPC)  
Sahara Petroleum Services Company  
Salt & Soda Kafr El-Zayyat Company  
South Dabaa Petroleum Company  
Suez Oil Processing Company  
Suez Petroleum Company (SUCO)  
The Petroleum Projects and Technical Consultation Company (PETROJET) (Central workshops, Equipment Department, Main Department, Southern Department, Shipyard Department, Eastern Department, North Department)

(Alphabetical order)



## Some Representative Products



Flanges



Gears



Crank shafts



Nozzles



Rolling stands



Bushes & spacers



Rings



Side rods



Ring joint flanges



Petroleum nozzles



Flanges

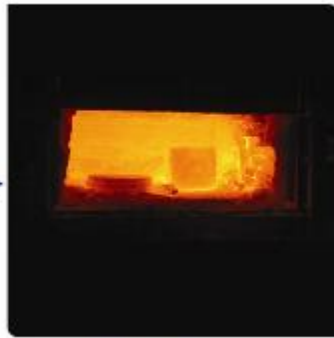


Wheels

# Production Process



**Cutting**



**Heating**



**Forging**



**Heat Treatment**



**Machining**



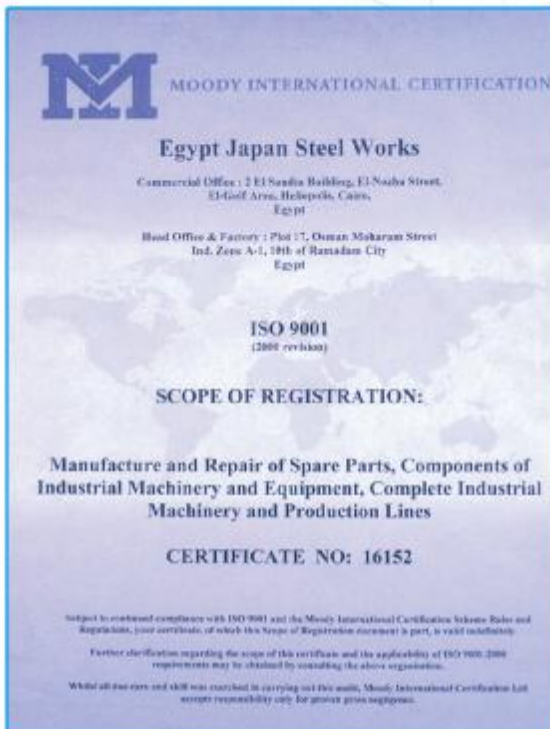
**Testing**

**A complete system of cutting, heating, forging, heat treatment, machining and testing.**





## Certification



### ISO 9001 - 2000 Quality Certification

Egypt Japan Steel Works (EJSW) is qualified in manufacturing and repairing of spare parts, components of industrial machinery and equipment and complete industrial machinery and production lines since 1997.



### Lloyd's Register Certification No: MDOO/2732/0003/3

Egypt Japan Steel Works (EJSW) is qualified in forging in carbon, carbon and alloy steel since 2000.



## Quality Policy

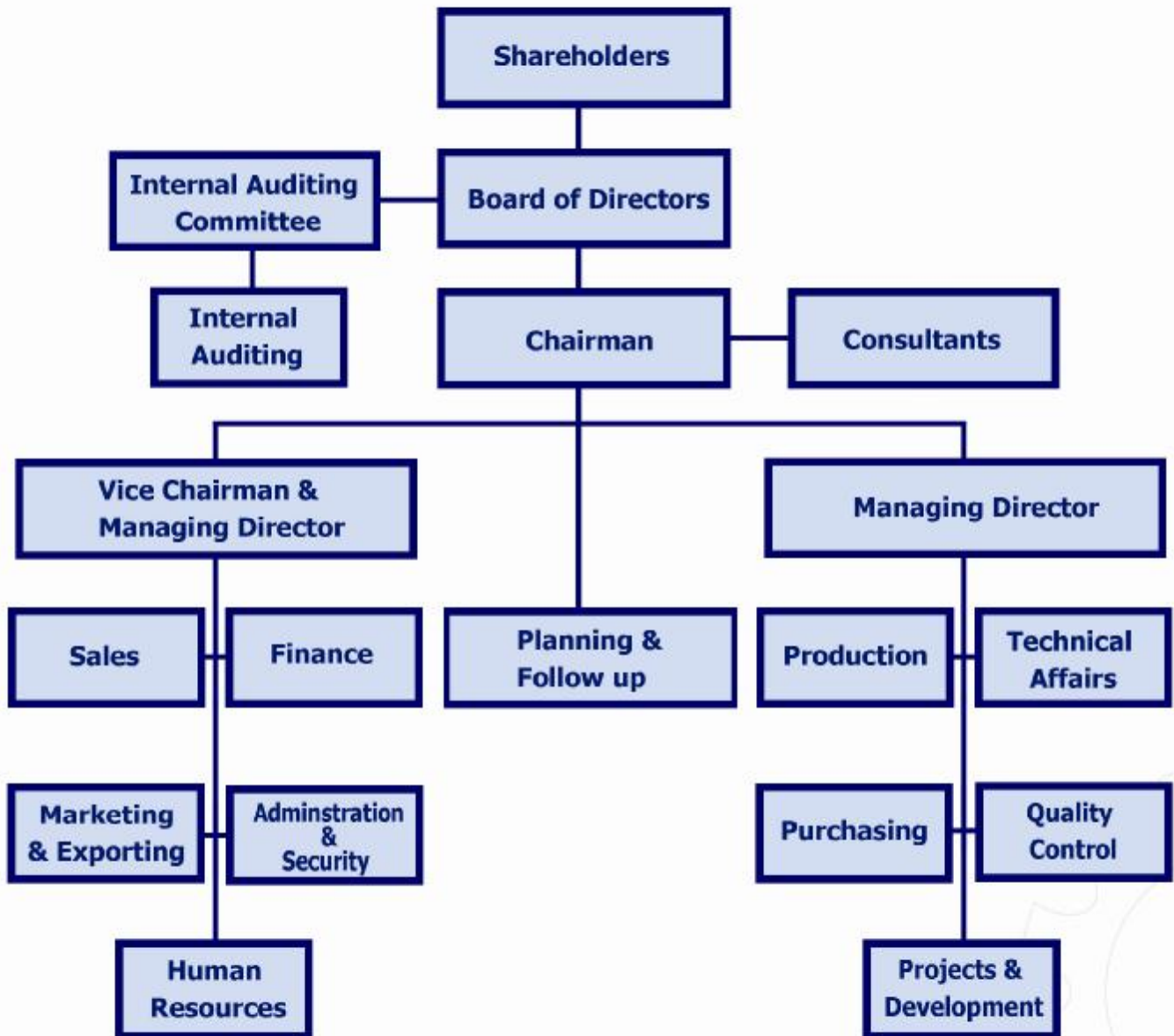
Egypt Japan Steel Works (EJSW) is a leading company in the field of manufacturing parts and components of machines and machines for industrial production lines. The company aims at satisfying the clients by offering products of high quality and economical prices. Accordingly, the company abides by the following principles:

- Continuous development of production machinery and up-to-date maintenance systems.
- Continuous training of engineers, technicians and work force to raise the awareness of quality value and improve the performance.
- Opening contact channels between the top management and the working force to create an industrial community where cooperation and teamwork prevail.
- Encouraging the work force to create, improvise and work as one team.
- Continuous development of the effectiveness of quality systems.
- Continuous development of manufacturing technique and procedures and reverse engineering to create unique industrial base.
- Applying most up-to-date international quality systems, and satisfying the requirements of ISO 9001 – 2000; as an important step for achieving total quality management (TQM).

## Milestones

- In 1990 Egypt Japan Steel Works (EJSW) was approved as a qualified supplier for standard and non-standard steel flanges for petroleum, and steel spare parts and components for cement and steel sectors.
- In 1991 EJSW has developed its production facilities to produce complete equipment for industrial production lines such as complete rolling stands for re-bar mills.
- In 1997 EJSW has developed its quality systems to match with ISO 9001 requirements and accordingly EJSW obtained ISO 9001 certification.
- In 1999 EJSW has added a cladding facility with weld over-lay technique and produced its first clad parts.
- In 2000 EJSW was qualified by Lloyd's and obtained certification for forging of carbon and alloy steel, and also developed its quality systems to match with ISO 9001-2000 requirements.
- In 2002 EJSW developed and expanded its technical services to cover the repair and maintenance of components and machines.

# Organization





## About us

Egypt Japan Steel Works (EJSW) was established in 1985 and started production in 1988 as an industrial facility for producing steel forged spare parts and components (up to 3 tons/piece) for industrial machines and equipment for various industrial sectors.

EJSW has successfully built a very powerful client base and market reputation in various sectors including petroleum, chemical and petrochemical, cement, building materials, mining, steel and metal making and forming, and engineering Industries.

EJSW is now on a 10-year strategic plan to reach ambitious sales, profit and share price targets by the year 2017 through applying various progressive measures and policies; including increasing, expanding and improving the company value, turnover growth, shareholders rights, assets, production capacities, industrial production, trading and services, sales activities in high growth sectors, marketing activities and research, production mix, developing standard products, research and development, training, human resources policies and systems, sophisticated information systems, and, applying international standards and systems to promote growth.

## Background

### Locations

- Head office, 10th of Ramadan City
- Cairo office, Nasr City
- Representative offices, Alexandria, Suez and Assiut

### Number of employees

- 175

### Annual production

- 1,750 ton

### Head office

- Land area: 11,500 m<sup>2</sup>
- Building floor area: 2,700 m<sup>2</sup>

### Main banks

- National bank of Egypt (Golf & 10th of Ramadan City Branches)
- United Ahly (Maadi Branch)

### Registration & licenses

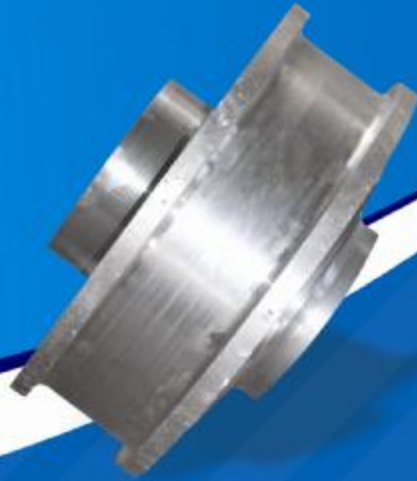
- ISO 9001(2000 revision)
- Lloyd 's Register
- Investment Trading Register (#51211), Ismailia
- Industrial Register (Sub #12481)
- New Urban Communities Authority(#145,First Section)

### Professional & other affiliations

- Center for Promotion of Imports (Netherlands)
- Egyptian Federation of Industries
- Chamber of Engineering Industries (#1255)
- Investors Association (10th of Ramadan City)
- Arab Union for Cement
- Arab Union for Steel

### Certified public accountant

- Aly bayyoumi & associates



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