

About Mabnatouss Co.

Mabnatouss Company is an industrial and knowledge-based group that was established in 2003 with the aim of optimizing and upgrading technical and engineering capabilities in Iran's power plant industries. This company was able to gradually increase the range of activities to the oil, gas and refinery industries of the country and by entering the field of manufacturing strategic equipment and parts during two ten-year strategic plans, today it is recognized as one of the best and most reputable contractors and knowledge-based suppliers in the country. to be at present, "**Mabnatouss**" has brilliant operational experience in the field of providing all kinds of engineering services such as: overhaul, maintenance, optimization, construction, design and engineering, reconstruction and renovation of all types of rotating equipment, monitoring and updating of all control systems, etc. The format of contracts for power plant, oil, gas, petrochemical, refinery, and steel industries considers its only mission to be a strong presence in large international markets.



WWW.MABNATOUSS.COM

MISSION STATEMENT

- An entrepreneurial, forward-looking and knowledge-based organization based on efficient human resources in order to improve the country's industries.
- Providing technical and engineering services according to the world standards.
- Manufacture and supply of industrial equipment and parts by prioritizing the principle of quality

VISION STATEMENT

A pioneering company in the field of repair engineering, design, construction, reconstruction and balancing, etc., at the highest level of quality, adaptability to the world's standards, the use of new technology and technologies and its application in order to be actively present in stable international markets.



Web
Brochure

Introduction of the organization

ADDRESS: NO 26, DANESHJOU 8
VAKIL ABAD BLVD, MASHHAD, IRAN

TEL: +985138681396

FAX: +985138673727

info@Mabnatouss.com

Fields of Activity:

As One of the Most Successful Private Sector Contractors and Suppliers in Iran, Mebnatos Power Plant Repair and Maintenance Management Company Considers Its Priority and Vision to Be a Strong Presence in International Markets. Special Organizational Capacity and Potentials, benefiting from the Most Experienced and Expert Executive Staff in the Country, Using Modern Technologies in Construction, Renovation and Coating Factories along with the Use of Modern Workshop Equipment in The Project Implementation Sites, Make Mebanatos a Knowledge-Oriented and Leading Group in Various Fields of the Industry. Has Done. Among The Most Important Areas of Activity of Mebnatos Company in The Industry Are:

- **Atomic, Gas, Combined Cycle, Steam Power Plants.**
- **Oil and Gas, Petrochemical and Refinery.**
- **Steel, Copper, Cement and ...**
- **Research and Development**



Power
Oil & Gas
R & D



Mabnatouss

Iran, Mashhad

www.Mabnatouss.com



CAPABILITIES IN PROVIDING TECHNICAL AND ENGINEERING SERVICES

- ➔ Overhaul and repairs of gas turbines, steam, refinery facilities and equipment, etc.
- ➔ O&M operation and maintenance of steam, gas, combined cycle and nuclear power plants
- ➔ Installation and operation of various facilities and equipment's of power plants and refineries and...
- ➔ design and engineering
- ➔ Preventive maintenance
- ➔ Long-term power plant services (LTSA)
- ➔ Control and monitoring
- ➔ Reconstruction of equipment and parts of gas turbines, steam and industrial pumps
- ➔ Coating and surface engineering

CERTIFICATES:

- ➔ Establishment of IMS integrated management system
- ➔ Establishment of the ISO 9001 quality control management system
- ➔ Obtaining the ISO 50001 certificate and establishing the energy management system.
- ➔ Establishment of ISO 45001 occupational health and safety management system
- ➔ Establishment of ISO 14001 environmental management system
- ➔ Establishment of ISO 29001 quality control management system
- ➔ Establishing ISO 25001 project control management system
- ➔ Establishment of HSE-MS safety, health and environment management system
- ➔ Obtaining the ISO 10004 certificate and establishing a customer satisfaction system
- ➔ Obtaining the ISO 10002 certificate and establishing the international complaint handling system.



PRODUCTS

Knowledge-based

www.mabnatouss.com/en.product

VISIT OUR WEBSITE TO SEE PRODUCT DETAILS.

“THE LATEST PRODUCTS OF MABNA COMPANY, WHICH ARE MADE AND PRODUCED BASED ON THE LATEST METHODS AND VALID INTERNATIONAL STANDARDS”

◆ Inner Casing:

Inner casing (combustion chamber) of gas turbines used in the power plants. (for the first time in Iran)

◆ Torque Converter:

Torque converter of gas turbines used in the oil, gas and petrochemical industries. (for the first time in Iran)

◆ Steam Turbine Rotors:

Manufacturing all kinds of steam turbine rotors used in the oil, gas, petrochemical and power plant industries.

◆ Compressor Rotors:

Manufacture of centrifugal compressor rotors used in the oil, gas, and petrochemical industries. (for the first time in the Middle East)

◆ Fire Water Pump:

Fire water pump used in refineries and petrochemicals.

◆ Parts of gas & Steam Turbine:

The main and side parts of gas turbines used in the power plant, oil, gas and petrochemical industries.

◆ Parts of Pumps:

Main and side parts of pumps used in oil, gas and petrochemical industries.

◆ portable Lapping Machine:

Complete package of portable lapping machine used in power plant, oil, gas and petrochemical industries of the country.



THE ADVANTAGES OF MABNA FACTORY:

- Establishment of quality control management system.
- Establishment of quality control unit.
- Definition of ICP and QCP quality control of manufactured equipment.
- Benefit from the metallurgical laboratory.
- Using new machining and drilling workshops and...
- Experienced team in the field of manufacturing and designing products.
- Using a team of experts in the field of research and development.

The Projects of Mabna Company Between the Years 2022 - 2024:

- ✔ Overhaul, Reconstruction and Supply of Equipment for 4 Gas Turbine Sets Ordered By Iranian Gas Transmission Co.
- ✔ Overhaul of Gas Units (V94.2) of Isin Combined Cycle Power Plant .
- ✔ Overhaul, Reconstruction and Supply of Equipment For Gas Units Lushan Power Plant.
- ✔ Overhaul and Repair of Steam Units of Zarand Power Plant.
- ✔ Installation and Overhaul, Reconstruction and Supply Equipment For Siemens Steam Turbine in Kermanshah Refinery.
- ✔ Overhaul of Gas Units (V94.2) of Kerman Cycle Power Plant.
- ✔ Overhaul and Reconstruction of PMG Systems and Major Repair Turbo Generator of Hitachi Units Fajr Jam Refinery.
- ✔ Overhaul & Major Repairs of Fixed Mechanical Facilities and Equipment of Fajr Jam Refinery and Its Subsidiary Facilities
- ✔ Overhaul of Generators of Sufian Gas Power Plant.
- ✔ Repair and Reconstruction of Gas Turbines of Kharak Power Plant.
- ✔ Overhaul of Generators of Sufian Gas Power Plant.
- ✔ Repair and Reconstruction of Hot Path Parts of GEF5 Gas Turbines of Nowshahr Power Plant.
- ✔ Overhaul of 120 Ball Valves of Karoon Petrochemical.
- ✔ Repair and Reconstruction of Gas Turbine Torque Convertor of Biston Power Plant.
- ✔ Production of Two Torque Convertor Ordered by Mapna Company.

The Projects of Mabna Company Between the Years 2019 - 2021:

- ✔ Troubleshooting, Repair and Reconstruction of Servo Valves of GEF6 Gas Turbine Ordered By KWP Co.
- ✔ Repair and Reconstruction of Gas Turbine Equipment of Qaen Power Plant.
- ✔ Repair and Reconstruction of Gas Turbine Ordered By KWP Co.
- ✔ Production and Construction of 10 Pieces of Gas Turbine Equipment Ordered By Tabriz Thermal Power Plant.
- ✔ Overhaul of Generators of Sufian Gas Power Plant.
- ✔ Overhaul and Reconstruction of Gas Turbine Sets Ordered By Iranian Gas Transmission Co.
- ✔ Overhaul and Reconstruction for 2 Gas Turbine Sets of Pataveh Station.
- ✔ Repair and Reconstruction of Guide Vane Assembly of Nevesky Turbine of Rasht Gas Transmission Facility.
- ✔ Repair and Reconstruction of Gas Turbine Blades Ordered By Iranian Gas Transmission Co.
- ✔ Manufacture of 4 Steam Turbines Rotors Ordered By Shiraz Oil Refinery.
- ✔ Manufacture of Lapping Portable Machine Ordered By Parand Combined Cycle Power Plant.
- ✔ Overhaul of Electromotors of Thermal Sahand Power Plant.
- ✔ Overhaul and Supply Equipment of Steam Units of Kerman Combined Cycle Power Plant.
- ✔ Overhaul of the First Steam Unit of Zarand Thermal Power Plant.
- ✔ Repair and Troubleshooting of Generators Lushan Power Plant.
- ✔ Repair and Reconstruction of Equipment of Steam Units of Zarand Thermal Power Plant.
- ✔ Installation of the Communication Rute Between the Chambers of Qaen Combined Cycle Power Plant.
- ✔ Overhaul of Turbocompressor and Integrated Service of Its Rotor, Ordered by Qaen Power Plant.
- ✔ Overhaul and Reconstruction of 4 Gas Turbine of Noorabad Station Ordered By Iranian Gas Transmission Co.
- ✔ Overhaul of Gas Turbines of Douroud Power Plant.
- ✔ Manufacture of 2 Steam Turbine Rotor Ordered By Shiraz Oil Refinery.
- ✔ Manufacture of 2 Gas Compressor Rotors Ordered by Shiraz Oil Refinery.
- ✔ Repair and Reconstruction of Equipment of Gas Turbine for Baghdad Power Plant.
- ✔ Manufacturing of Gas Turbine Torque Convertor Ordered By Qazvin Combined Cycle Power Plant.
- ✔ Overhaul and Reconstruction of Gas Turbine of Ilam Oil Refinery.
- ✔ Manufacturing of Equipment Pump (P-20415 A/B) Ordered By Bandar Abbas Oil Refinery.
- ✔ Manufacturing of Equipment Pump (SRV & GCV) Ordered By Bandar Abbas Oil Refinery.
- ✔ Repair and reconstruction of Gas Turbines of Douroud Power Plant.



Mabnatouss Co. at a glance

1. Successful implementation of large projects in Afghanistan.
2. Successful implementation of more than +320 contracting projects.
3. Domestic and foreign activity for 20 years.
4. Cooperation with scientific and technological institutions.



The Projects of Mabna Company Between the Years 2016 - 2018:

- ✓ Manufacturing of Equipments Cenrifiugal Pump Ordered By Bandar Abbas Oil Refinery
- ✓ Manufacturing of Diffuser Pump Ordered By Thermal Tabriz Power Plant.
- ✓ Manufacturing of Impeller of Feed Water Pump Ordered By Thermal Tabriz Power Plant.
- ✓ Overhaul of 4 Gas Turbines of Iranian Gas Transmission Co.
- ✓ Repair and supply of Gas Turbine equipments of Unit Three of Durood Power Plant.
- ✓ Installation and Overhaul of Gas Turbines Ordered By Plyacryl Iran Factory.
- ✓ Transmission and Installation of Transformer Ordered By Khorasan Regional Electricity Co.
- ✓ Overhaul of Steam Units of Yazd Combined cycle Power Plant.
- ✓ Design, Supply Equipments, Installation and Opertaion of Monitoring Systems of 50 Station Gas Transmission in Kermanshah.
- ✓ Overhaul of Gas Units of Konarak Power Plant.
- ✓ Repair of Transformer of Zakaria Station Ordered By Khorasan Regional Electricity Co.
- ✓ Overhaul of Gas Units (G11) of Douroud Power Plant.
- ✓ Overhaul and Reconstruction of Gas Turbines of Konarak Power Plant.
- ✓ Overhaul and Reconstruction of Gas Turbines (G11) of Zahedan Power Plant.
- ✓ Manufacturing of Equipments of Vertical Pump for Bandar Abbas Refinery. (2 Cases)
- ✓ Manufacturing of Lekage Pumps Ordered By Nisoc Co.
- ✓ Manufacturing of Byron Jackson Ordered By Nisoc Co.
- ✓ Overhaul and Reconstruction of Equipmetns of Gas Turbines of Iranian Gas Transmission Co.
- ✓ Repair and Reconstruction of Nozzle Guide Vane of Gas Turbines of Iranian Gas Transmission Co.
- ✓ Manufacturing of Compressor Rotor Ordered By Iranian Gas Transmission Co.
- ✓ Repair and Reconstruction of Gas Turbines (Zorya) Ordered By Iranian Transmission Co.
- ✓ Overhaul and Reconstruction of Gas Turbines for Farashband Station.
- ✓ Manufacturing of Gas Turbine Inner Casing Ordered By Doroud Power Plant.
- ✓ Overhaul and Installation of Electromotors of Bushehr Atomic Power Plant.
- ✓ Overhaul of Gas & Steam Units of Isfahan Mobarake Steel Complex Power Plants.
- ✓ Overhaul of Gas Turbines of Konarak Power Plants.

The Projects of Mabna Company Between the Years 2014 - 2015:

- ✓ Repair and Reconstruction of Gas Turbine Inner Caisng of Zahedan Power Plant.
- ✓ Manufacturing of Gas Turbine Gear With Spare Parts Ordered By Bandar Abbas Oil Refinery.
- ✓ Overhaul of Five Gas Compressor (Thermodyn) Ordered By Nisoc Co.
- ✓ Transmission and Installation of Gas Units from Zahedan Power Plant to Doroud Power Plant.
- ✓ Repair and Reconstruction of Equipments Gas Turbine Ordered By Iranin Transmission Co.
- ✓ Manufacturing of Liquid Ring Compresor Ordered By Karoun Petrochemical Co.
- ✓ Overhaul of Gas Turbine of Boushehr Power Plant.
- ✓ Overhaul of Steam Units of Shariati Combined Cycle Power Plant.
- ✓ Overhaul of Steam Units of Neishabour Combined Cycle Power Plant.
- ✓ Manufacturing of Equipment of Gas Turbine Ordered By Chabahar Combined Cycle Power Plant.
- ✓ Overhaul and Reconstruction of Gas Turbines Ordered By Iranian Transmission Co.
- ✓ Repair and Reconstruction of Gas Turbine Equipment of Gas Power Plant.
- ✓ Repair and Reconstruction of Gas Turbines Equipment of Douroud Gas Power Plant.
- ✓ Installation and Operation of Control Systems Ordered By National Iranian Oil Products Distribution Co.
- ✓ Repair, Operation and Maintenance of Electrical and Mechanical Facilities of Metro Mashhad.
- ✓ Overhaul of Steam Turbine and Boiler Sets of Neishabour Combined Cycle Combined Power Plant.
- ✓ Manufacturing of Gas Turbine Flow Divider Ordered By Abadan Combined Cycle Power Plant.
- ✓ Installation and Operation of Control Systems Ordered By National Iranian Oil Products Distribution Co.



Mabnatouss Co. at a glance

1. Manufacturing products based on the latest world standards
2. Benefiting from modern manufacturing, renovation and covering factories
3. Using the metallurgical laboratory equipped with the world's latest technology
4. Using experienced and expert quality control groups



The Projects of Mabna Company Between the Years 2003 - 2013:

- ✓ Maintenance, Operation and Repairs of Ferdowsi Gas Station.
- ✓ Manufacturing of Gas Turbine Blades Ordered By Bandar Abbas Oil Refinery.
- ✓ Installation and Operation of Automation Systems Ordered By National Iranian Oil Products Distribution Co.
- ✓ Manufacturing of a Gas Turbines Flow Divider Ordered By Nisoc.
- ✓ Manufacturing of Gas Turbine Equipment Ordered By Bandar Abbas Oil Refinery.
- ✓ Manufacturing of Metal Parts of Centrifugal Pumps.
- ✓ Manufacturing of Metal Parts of Centrifugal Pumps.
- ✓ Maintenance, Operation and Repairs of Khorramshahr Gas Station.
- ✓ Overhaul of Gas Units (BBC) of Zahedan Power Plants.
- ✓ Overhaul of Turbine and Generator of Steams Units Lushan Power Plant.
- ✓ Manufacturing of Gas Turbine Equipment Ordered By Bandar Abbas Oil Refinery.
- ✓ Manufacturing of Impeller of Feed Water Pump Ordered By Thermal Tabriz Power Plant.
- ✓ Overhaul and Preventive Maintenance of Steam Units of Neishabour Combined Cycle Power Plant.
- ✓ Repair, Maintenance and Operation of Gas Turbines of Kala Electric Factory.
- ✓ Overhaul of Gas & Steam Units of Isfahan Mobarake Steel Complex Power Plants.
- ✓ Manufacturing of Gas Turbine Gear Box With Spare Parts Ordered By Bandar Abbas Oil Refinery.
- ✓ Overhaul of Steam Unit of Neishabour Combined Cycle Power Plant. (4 Cases)
- ✓ Periodic Repair Steam Unit of Neishabour Combined Cycle Power Plant. (2 Cases)
- ✓ Operation and Maintenance of Steam Unit of Mashhad Power Plant. (6 Cases)
- ✓ Overhaul of Gas & Steam Units of Isfahan Mobarake Steel Complex Power Plants.
- ✓ Operation and Maintenance of Gas Turbines (AEG) of Kashan Power Plants.
- ✓ Ovarhaul of Steam Units (Skoda) of Mashhad Power Plant.
- ✓ Overhaul of Steam Units of Bandar Abbas Power Plant. (2 Cases)
- ✓ Repair and Reconstruction of Gas Turbine of Neishabour Combined Cycle Power Plant.
- ✓ Overhaul of Steam Unit of Karaj Power Plant. (4 Cases)
- ✓ Operation and Maintenance of Gas Turbines (GEF5) Kashan Power Plant.
- ✓ Overhaul and Periodic of Steam Turbine of Neishabour Power Plant. (5 Cases)
- ✓ Overhaul of Gas & Steam Unit of Isfahan Mobarake Steel Complex Power Plants.
- ✓ Operation and Maintenance of Elin Units and Related Facilities of Mashhad Power Plant.
- ✓ Maintenance of Mechanical and Electrical Facilities of Steam unit of Neishabour Combined Cycle Power Plant. (3 cases)
- ✓ Overhaul of Steam Units of Neishabour Combined Cycle Power Plant.
- ✓ Periodic Repair of Steam Turbine Unit of Neishabour Combined Cycle Power Plant. (3 Cases)
- ✓ Maintenance of Mechanical and Electrical Facilities of Steam Unit of Shariati Combined Cycle Power Plant. (3 Cases)
- ✓ Overhaul of Steam Turbine of Neishabour Combined Cycle Power Plant. (3 Cases)
- ✓ Manufacturing of Fuel Pump of Gas Turbine Ordered by Mashhad Power Plant.
- ✓ Overhaul and Troubleshooting of Gas Turbine Unit of Neishabour Combined Cycle Power Plant. (5 Cases)
- ✓ Repair and Reconstruction of the Hot Path of the BBC Gas Turbine Of Mashhad Power Plant.
- ✓ Repair and Reconstruction of Hot Parts of Gas Turbine Unit of Neishabour Combined Cycle Power Plant. (6 Cases)
- ✓ Transmission and Installation of Generator Ordered By Mashhad Power Plant.
- ✓ Repair and Reconstruction of Gas Turbine Segments Ordered By Mashhad Power Plant.
- ✓ Repair and Reconstruction of Hot Parts of Gas Turbine Unit of Neishabour Combined Cycle Power Plant. (3 Cases)
- ✓ Manufacture of Lapping Portable Machine Ordered By PAKH Co.
- ✓ Repair and Reconstruction of Hot Parts of Gas Turbine Unit of Neishabour Combined Cycle Power Plant. (6 Cases)
- ✓ Repair and Reconstruction of Boiler of Steam Units of Neishabour Combined Cycle Power Plant. (3 Cases)
- ✓ Repair and Reconstruction of Hot Parts of Gas Turbine Unit of Neishabour Combined Cycle Power Plant. (6 Cases)
- ✓ Repair, Operation and Maintenance of Gas Units (AEG) of Afghanistan's Kabul Power Plant (2 Cases)
- ✓ Design and Implementation of Khorasan Province Telecommunication System



Mabnatouss Co. at a glance

1. Use of skilled and experienced workforce
2. Getting to know the modern engineering method in the field of engineering
3. Benefiting from modern equipment and tools on the sites
4. Attention to quality, health, safety and environment

