



# COMPANY PROFILE



**NEW AL-JAZEERA**  
MECHANICAL & ELECTRICAL ENGINEERING

نيو الجزيرة ميكانيكال اندالكتريكال انجنييرنج



# ABOUT US

Established in 1988, New AL Jazeera has been at the forefront of the engineering industry, offering specialized solutions in component replacement and upgrades related products engineering services. Our journey began with a strong commitment to delivering high-quality engineering solutions, and over the years, we have built a reputation for excellence and innovation.



## COMMITMENT TO EXCELLENCE

At New AL Jazeera, our core mission remains focused on delivering exceptional engineering solutions with precision and reliability.

Whether providing in-house, on-site, or off-shore services, we are dedicated to achieving the highest standards of quality and innovation.

## EXPANSION AND ENHANCEMENT

As our services gained popularity, we expanded our operations from our original location to a more expansive facility. This significant move allowed us to enhance our operational capacity, adopt cutting-edge technologies, and broaden our range of services.

# OUR VISION & MISSION

## VISION:

Our vision is to enhance the productivity and success of our clients by providing top-notch machines and materials, backed by exceptional service and support.

## MISSION:

To be the leading engineering manufacturing company known for unwavering commitment to quality, innovation and customer satisfaction



## WHY US?

Choosing New AL Jazeera offers numerous advantages for those seeking top-tier custom part manufacturing and engineering services. With over three decades of experience, we bring unparalleled expertise and a proven track record of excellence.

Our commitment to precision engineering ensures that our products meet the highest quality standards, providing durability and reliability even in the most demanding environments.



# QUALITY ASSURANCE

Quality assurance is not just a process but a culture. Our dedicated quality control team ensures that every product and service meets the highest standards of excellence. We adhere to stringent quality protocols to guarantee reliability and performance.



Innovation



Quality



Integrity



Satisfaction

## OUR SERVICES

At New Al Jazeera we are equipped with highly state of the art machines in order to provide our clients Comprehensive Services at very satisfactory levels. Our Mechanical Workshop Services typically involve a range of precision machining services for custom parts, including CNC machining for accuracy in heavy components.

### Industries

- ✔ Oil & Gas and Refinery Sector
- ✔ Food Industries Light and Heavy
- ✔ Motor Vehicle Engine, Pump,
- ✔ Rotating Equipment Construction & Fabrication



### MECHANICAL SERVICES FOR THE ABOVE SECTORS:

- ✔ Machinery Repair and Maintenance
- ✔ Fabrication Services
- ✔ Reconditioning and Overhauling
- ✔ Inspection & Diagnostics
- ✔ Precision Machining, Parts Supply, and Aftermarket Parts



# OUR WORKSHOP

We are equipped with more than 150 state-of-the-art heavy-duty machines. The material used is selected as per the requirements for aftermarket parts for various types of products, ensuring clients have access to necessary components.

## Types of Material use

1. Tool Steel

2. Aluminum

3. Copper

4. Stainless Steel 304 and 316

5. Ferrous and Non-Ferrous Steel

6. Teflon, Nylon



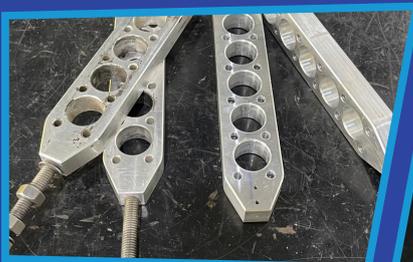
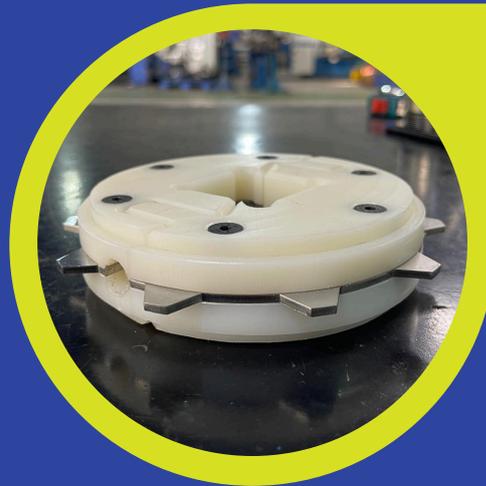
# OUR EQUIPMENT & MACHINES

Our New Al Jazeera work shop is equipped with latest machines in order to meet the different client requirements. We are equipped with:

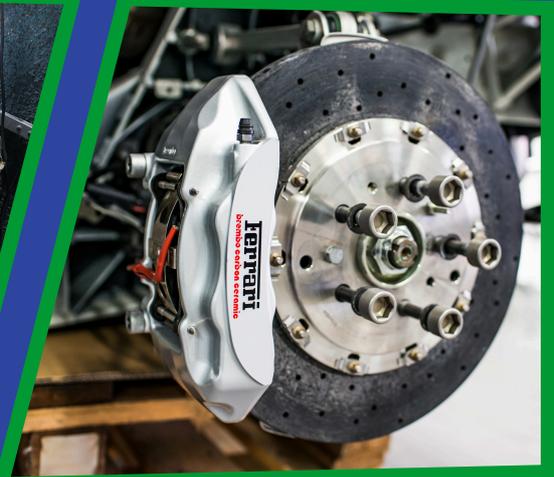
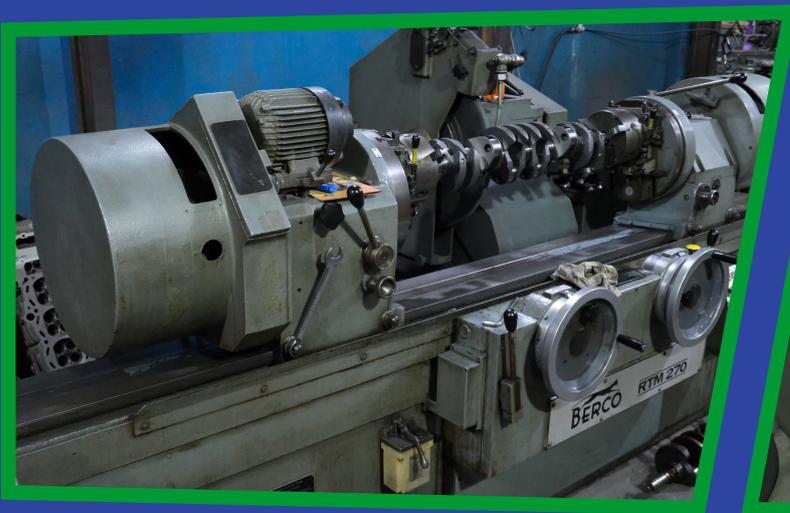
1. Lathe Machines
2. Milling Machines
3. Drilling Machines
4. Laser Cutting Machines
5. CNC machines
6. Grinders
7. Band Saws
7. Shapers
8. Planers
9. Boring Machines
10. Cutting Machines
11. Welding Equipment's
12. Gear Cutting Machines



# Final Products



# Automotive Products



# DEPARTMENTS

## FABRICATION Department

**New Al Jazeera**, Heavy Industrial Mechanical Workshop is equipped with over 150 state-of-the-art Machines. Our Fabrication Department designed to meet your complex demands of heavy industries. We specialize in precision fabrication, welding and assembly of custom-engineered components and structures, offering robust solutions tailored to client specifications.

**Technical Expertise:** A team of experienced engineers, welders and fabrications with extensive knowledge of heavy industrial requirements.

**Customized Solutions:** Flexible workflows designed to adapt to unique client specifications and project challenges.

### Core Capabilities:-

#### **1. Advanced Metal Fabrication:**

**Cutting:** High-precision CNC plasma and laser cutting for intricate and large-scale metal designs.

**Forming:** hydraulic press brakes and rolling machines for shaping and bending heavy-gauge materials.

**Machining:** CNC and convention machining to achieve exact tolerances.

#### **3. Structural Fabrication:**

Fabrication of large-scale industrial components such as beams, girders, tanks and piping systems. Skid-mounted equipment, frames and platforms for various industries.

#### **2. Welding Expertise:**

Welding techniques, including MIG, TIG, SMAW and FCAW suitable for heavy-duty industrial applications. Welding of ferrous and non-ferrous materials, including carbon steel, stainless steel and aluminum alloys.

#### **4. Surface Treatment and Finishing:**

Blasting, painting and coating for enhanced durability and corrosion resistance. Precision grinding and polishing for aesthetic and functional finishing.



# 01.

# Machining Department

New Al Jazeera Mechanical Workshop is a fully equipped facility engineered to meet the rigorous demands of industrial manufacturing, repair, and custom machining projects. With advanced technology and experienced workforce we deliver precision engineered solutions tailored to heavy industry requirements for day to day jobs, and efficient project management on schedule delivery of complex machining task.

## Core Capabilities:-

### **1. Precision Machining:**

**CNC Machining:** High-accuracy CNC lathes, mills and machining centers capable of handling intricate designs and tight tolerances.

**Convention Machining:** Manual turning, milling, boring and drilling for custom or unique components.

**Heavy-Duty-Machining:** Large-capacity machines for fabricating oversized or high-weight parts

### **3. Equipment Repair and Refurbishment:**

Comprehensive diagnostics, restoration and refurbishment of worn-out or damaged industrial machinery. Re-engineering of obsolete parts to extend equipment life and performance.

### **2. Component Manufacturing:**

Production of shafts, gears, rollers and industrial spare parts.

Custom fabrication of machine components to client specifications.

### **4. Tooling and Prototyping:**

Design and fabrication of jigs, fixtures and tools to enhance manufacturing efficiency.

Prototyping and small-batch production for new product development.

### **Workshop Infrastructure**

#### **Advanced Equipment:**

High-capacity lathes and boring machines for precision machining.

CNC and manual grinding machines for surface finishing.



02.

# Heat Treatment, Casting and Forging

Our Heat treatment Workshop specializes in delivering high-quality heat treatment, casting and forging services, catering to the automotive industry's diverse needs. With a focus on precision, durability and performance, our workshop is equipped to handle intricate and large-scale projects with strict adherence to international standards.

## Core Capabilities:-

### 1. Heat Treatment Services:

We offer a comprehensive range of heat treatment solutions to enhance material properties, improve performance and ensure durability:

**Annealing:** Refines microstructure, reduce internal stresses and improves machinability.

**Hardening & Tempering :** Enhances hardness, wear resistance and tensile strength.

Case hardening: Carburizing, nitriding and induction hardening to create a hard surface with a tough core.

**Casting Services:** -Our casting capabilities provide high-precision, custom-engineering components for critical automotive application:

**Sand Casting**  
**Die Casting**  
**Investment Casting**  
**Material Expertise**

**Forging Services:** - Forging ensure mechanical properties and structural integrity for critical automotive components

**Open Die Forging:** Ideal for large, heavy-duty parts such as crankshafts and axles.

**Closed Die Forging:** High-precision forging for smaller, intricate components like gears and connecting rods.



# 03.





# Automotive Department

**Our New AlJazeera** Auto Workshop facility is maintained by Two sections One is Repair and 2nd is manufacture of aftermarket parts. The basic workshop carried out both activities. This combination supports both routine servicing and customization of vehicles to meet specific needs.

## Core Capabilities

### 01. Engine Components

- Piston and Rings.
- Cylinder Head and Blocks
- Valves and Cam Shafts

### 03. Exhaust System Components

- Manifolds
- Pipe and Mufflers

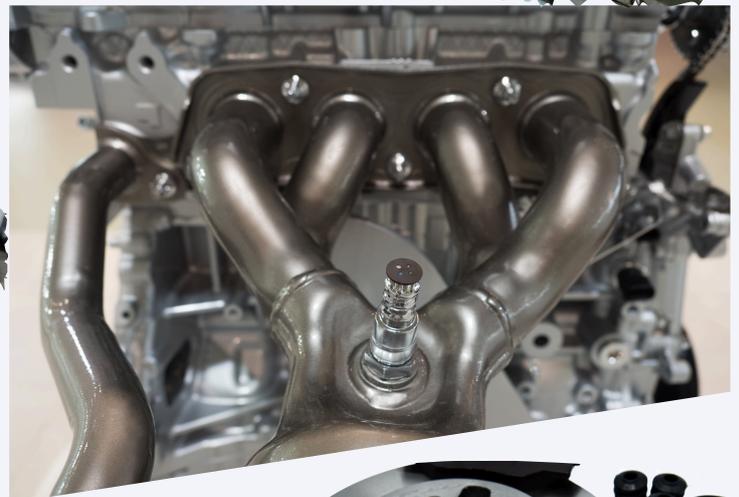
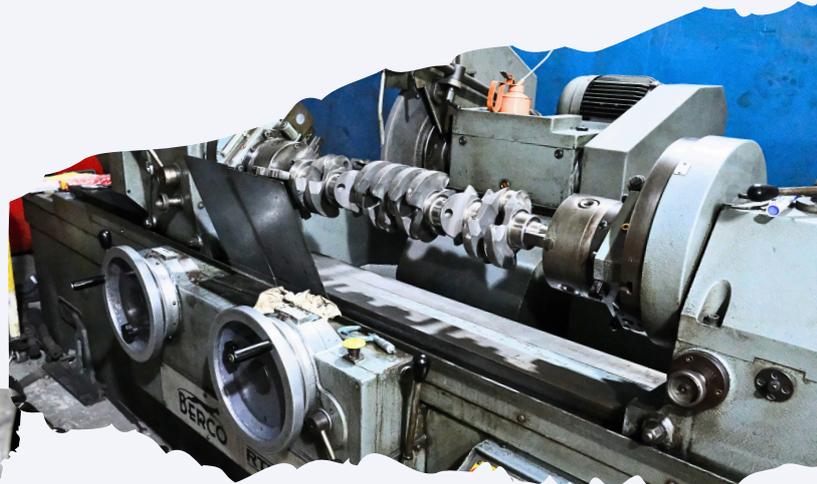
### 02. Suspension and Chassis Parts

- Control Arms And Bushings:
- Shock Absorber Components:
- Frame Components:

### 06. Braking system Components:

- Brake Discs and Drum:
- Brake Pads and shoes:

## Custom or Aftermarket Parts



04

# OUR CLIENTS



**TBM**



**MOI**



**DOHA CABLES**



**INCO**



وزارة الداخلية  
Ministry of Interior  
دولة قطر • State of Qatar



starkmotors

DANDY DESIGNS



# NEW AL JAZEERA MECHANICAL AND ELECTRICAL ENGINEERING

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# AL JAZEERA LATHE WORKS & GARAGE

Industrial Area, Street No 4 Gate No 9.  
Doha Qatar.



## ISO Certification

**CERTIFICATE OF REGISTRATION**  
This is to Certify that The Environmental Management System of

**NEW AL JAZEERA MECHANICAL & ELECTRICAL ENGINEERING**

GATE NO: 136, STREET NO: 29, INDUSTRIAL AREA,  
P.O. BOX: 40374, DOHA, QATAR

has been assessed and found to be in accordance with the requirements of the system standard

**ISO 14001 : 2015**

For the scope of activities described below

MACHINING AND FABRICATION, LASER AND CNC MACHINING WORKS, CUSTOM MECHANICAL ENGINEERING, PROTOTYPE DESIGN MANUFACTURING, MARINE WORKS, FASTENERS, HEAT TREATMENT, FORGING AND CASTING, AUTOMOTIVE WORKS

**Certificate No : IBP2515371**

Issue Date : 22/04/2025      1st Surveillance Audit due on : 21/03/2026  
Expiry Date : 21/04/2028      2nd Surveillance Audit due on : 21/03/2027

Validity of this certificate is subject to successful completion of surveillance audit on or before due date, in case surveillance audit not conducted this certificate shall be suspended.

Authenticity and status of this certificate can be verified at www.interglobalcertification.com or scan the barcode. This certificate is the property of Interglobal Business Process Pvt. Ltd. And should be returned to IBP in case of non-compliance of the certification procedure.

**CERTIFICATE OF REGISTRATION**  
This is to Certify that The Occupational Health and Safety Management System of

**NEW AL JAZEERA MECHANICAL & ELECTRICAL ENGINEERING**

GATE NO: 136, STREET NO: 29, INDUSTRIAL AREA,  
P.O. BOX: 40374, DOHA, QATAR

has been assessed and found to be in accordance with the requirements of the system standard

**ISO 45001 : 2018**

For the scope of activities described below

MACHINING AND FABRICATION, LASER AND CNC MACHINING WORKS, CUSTOM MECHANICAL ENGINEERING, PROTOTYPE DESIGN MANUFACTURING, MARINE WORKS, FASTENERS, HEAT TREATMENT, FORGING AND CASTING, AUTOMOTIVE WORKS

**Certificate No: IBP2577757**

Issue Date : 22/04/2025      1st Surveillance Audit due on : 21/03/2026  
Expiry Date : 21/04/2028      2nd Surveillance Audit due on : 21/03/2027

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**CERTIFICATE OF REGISTRATION**  
This is to Certify that The Quality Management System of

**NEW AL JAZEERA MECHANICAL & ELECTRICAL ENGINEERING**

GATE NO: 136, STREET NO: 29, INDUSTRIAL AREA,  
P.O. BOX: 40374, DOHA, QATAR

has been assessed and found to be in accordance with the requirements of the system standard

**ISO 9001 : 2015**

For the scope of activities described below

MACHINING AND FABRICATION, LASER AND CNC MACHINING WORKS, CUSTOM MECHANICAL ENGINEERING, PROTOTYPE DESIGN MANUFACTURING, MARINE WORKS, FASTENERS, HEAT TREATMENT, FORGING AND CASTING, AUTOMOTIVE WORKS

**Certificate No.: IBP2517776**

Issue Date : 22/04/2025      1st Surveillance Audit due on : 21/03/2026  
Expiry Date : 21/04/2028      2nd Surveillance Audit due on : 21/03/2027

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