

# Equipments & Assets

- In order to deliver world-class quality and to meet demanding project milestones, we invested generously in an array of the finest and most modern equipment available. Sourced from highly reputable manufacturers, our equipment is engineered to improve and boost productivity.
- Be it electro-mechanical works, testing or project commissioning, we have an extensive range of tools and equipment at our disposal to meet the project needs. SAJ has more than 4000 state-of-the-art equipment and machineries at its disposal made available by the affiliate companies.

## Quality

- For us, quality means delivering the best products and services to our customers to their extreme satisfaction, and to achieve quality and excellence in projects execution.
- To sustain our reputation, good will and to achieve the goals successfully each and every resource of SAJ is applied to its optimum level.

## Safety

At SAJ, safety is always a primary concern, a key value that is fundamental to our culture. We have a healthy safety record which is audited by well-known Auditing Leaders and being consistently in the top bracket of companies following the highest safety norms demanded by the industry.



# Our Projects

**Industrial Projects:** SAJ has provided EPC for electromechanical works to various industrial factories. Our capabilities have been well showcased on several projects in the region ranging from food industries, ceramics factory, transformer factories, oil & gas industrial projects to cable factories.

**Commercial Projects:** Our experience covers a wide range of commercial projects, including providing MEP works for malls, schools, hospitals and office buildings among others.

**Residential Projects:** SAJ's capabilities include all kinds of electromechanical works for all types of residential developmental projects. Apart from the cooling and ventilating systems, we have installed firefighting, access, security and plumbing systems for multi-story residential buildings.

**Marine Projects:** Ship related works – motor, compressor, pump system.

**Tower Projects:** SAJ has the right solutions and capabilities for your tower projects. From experience ranging in HVAC and plumbing to security and compressor systems, we are capable of delivering high speed electro-mechanical work for multi-storey buildings

**Power Projects:** With remarkable experience in numerous MV, HV and EHV substations, we undertake comprehensive mepworks for power related projects. Activities ranging from cable trays to control panels, we are also capable of providing electromechanical services for power plants and water projects.

electro mechanic solutions for every industry



## OUR PROJECTS



AL SHEROUQ AL JADEED  
الشروق الجديد

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Location



AL SHEROUQ AL JADEED  
الشروق الجديد

Electromechanical maintenance Company

# We Build and Renovate...

Since its creation, AL SHEROUQ AL JADEED COMPANY is under the state of constant growth due to its highly skilled, technical, qualified and professional staff along with its vastly experienced Management. The company personnel have a remarkable history in performing highly diversified Electro-Mechanical works throughout UAE.

Al Sherouq Al Jadeed (SAJ) has already established itself as a prominent name in all kinds of Electro-Mechanical Projects all over the United Arab Emirates. The Company prides itself in accomplishing all the projects within the agreed period along with the quality of performance.

The company has technical expertise and experience for the following areas:

- AC/DC Motor rewinding & overhauling
- Transformers Panel controls & servicing
- Annual maintenance work contract of Buildings
- Maintenance of all kinds of Pumps, Generators and Compressors
- All sort of HVAC works from Split A/C to VRF System A/C concept, design, execution and maintenance
- Maintenance of Plumbing systems
- Service and Maintenance Contracts



## Our Vision

To become the leader in GCC Countries as a contractor in the field of sophisticated projects that require detailed concern. We will thrive by providing customers with the best solution on budget and on schedule. We will remain an industry leader by maintaining a high standard of quality and work ethics.



## Why Choose us

Due to its highly skilled, technically qualified and professional staff along with its vastly experienced Management. The company personnel have a remarkable history in performing highly diversified Electro-Mechanical works of diversified nature ranging from small residential villa, buildings to highly complex and technical works in both private and governmental sector, commercial malls, factories, hospitals, universities, marine field, oil & gas industries and many more.



### Field Services

- Dry Ice cleaning
- Emergency Call Out Service 24x7
- Installation, commissioning and removal services of Equipments
- Field Machine Services
- Generator and Motor Testing (Preventive & Predictive maintenance)
- Emax electrical testing
- Balancing
- Thermal Imaging
- Oil Analysis
- PDMA Motor circuit evaluation (MCE)
- Vibration Measurement and Analysis
- On-site rewind services
- Scheduled outage service
- Total motor management

### Our Other Expertise

- Auxiliary and Control System Testing
- Cable Testing
- Generator & Motor testing
- Ground grid measurements
- Insulating fluid testing
- Protective relay and metering tests
- Switch gear circuit breaker and disconnect switch testing
- Transformer testing
- A/C Chiller compressor, HVAC

### Motor & Generator Related Services

Why take chance with your critical processes and equipments. SAJ has provided repair, reconditioning and remanufacturing of all sorts of Electro-Mechanical equipments for our beloved customers throughout UAE and Middle East since 2008. Our broad experience with all types and brands of electrical, mechanical and power system equipments has kept us at the top in the market and still leading the market. To ensure safe and reliable service, always choose a trusted partner. SAJ – The Trusted Partner!

### Definite Purpose Motors

- Auxiliary equipment tachs and breaks
- Boiler Feed Pump Motors
- Circulated Water Pump Motors
- Inducted draft and forced draft fan motors (including PAM Motors)
- HVAC Motors
- Light rail traction motors and alternators
- MG sets and test stand motors
- Reactor coolant pump motors
- Shaft assemblies and rolls
- Shredder motors
- Submersible motors
- Synchronous motors
- Wound rotor and mill-type motors

### AC Generators Maintenance

- Alternate winding
- Rotor Coil
- Stator winding
- Stator Core



### Compressor Overhauling Work

- Screw & Piston Compressor Overhauling  
Screw Compressor Overhauling – Procedure
- Stator rewinding & refurbishing
  - Baking

### Mechanical Work

- Mechanical Seal
- Unloader indicator
- Unloader cover
- Unloader piston and unloader cylinder
- Blind cover
- Balance piston and balance piston sleeve portion
- Gear section
- Thrust bearings
- Section cover and side bearing
- Rotor, rotor casing and variable vi slide valve
- Bearing head and main bearing



### Reassembly

- Bearing head and main bearing
- Rotor casing, unloader slide bearing, variable vi slide valve and bearing head
- Rotors casing and rotors
- Section cover
- Thrust bearing
- Gear casing
- Blind cover, unloader cylinder and unloader piston
- Unloader cover
- Mechanical shaft seal