



Enjaz Technical's Establishment

Specialized in Electro - Mechanical Projects

About Us

Enjaz was established with the objective to provide complete Electro-Mechanical Services for major projects. The company has the expertise and the ability to supply all Electro-Mechanical needs for projects to contractors, consultants, O & M manufacturers and end-users. Recognizes the needs of providing an organized, full range of support to clients, contractors and consultants, from job take-off, selections, technical submittal, and quotation proposals through financing, purchasing, delivery, and after-sale services and

ENJAZ Technical Est. provides "Complete Engineering Services"...

All Engineering Disciplines –

Civil/Structural, Mechanical (Installation & Fabrications), Electrical (Power Installation & industrial Controls Systems), Architectural,

Project phases –

Planning/feasibility studies, to preliminary engineering, capital cost estimation, and detailed engineering, to permitting, construction, and startup, and commissioning support, even ongoing technical support for operational systems.

Enjaz do have specialized expertise in some areas, for example.

Telecom, Power Generation, Industrial Installations

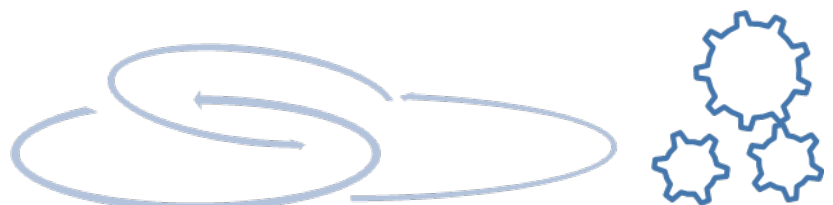
GENERATORS, UPS, DC POWER Systems, Fiber Optic for Telecom Sector, HVAC and Industrial Installations.

Enjaz believe that its real strengths lie in its ability to apply its core engineering disciplines and project management skills to a wide spectrum of applications

Mission

Enjaz will be the trusted, Independent Electro-Mechanical Specialist, Focused on delivering every customer's needs.

- Enjaz, The finest Quality E & M services & installations.
- Enjaz, To deliver the Projects within the Budget and Time Schedule.





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Vision

One of the leading Electro-Mechanical (E&M) services provider and technical consultancy within the continuous involving in Electro-Mechanical industrial Field.

Simple words....Enjaz deliver economical & Practical Solutions and Professional Services that your Business can rely, which relax you & gives you Freedom to Grow.

General

Enjaz has through the last five years been expanding its business operation in Kingdom Of Saudi Arabia. Have successfully established mutual beneficially business relationship with companies all over the Kingdom to give Electro-Mechanical services and accessories for Saudi Oil Companies, Saudi Petrochemical Companies, Saudi Electric Company and other major contractors.

Experience

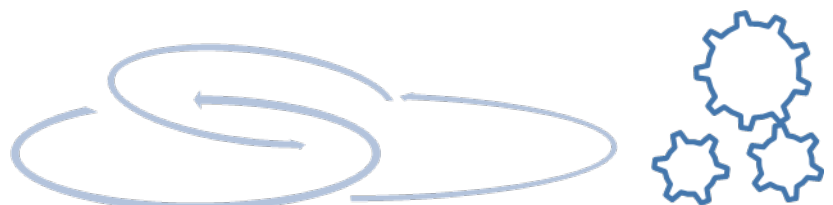
Enjaz since its establishment, has specialized in Electro-Mechanical services and trading having representation from reputed manufacturers to supply Electro-Mechanical equipments, Generators & its related accessories i.e. Synchronization Panels, Load Break Switches, Circuit Breakers Cables, Pipes & Valves for Oil and Gas and other industries, and HVAC accessories.

Engineering

The Company has the expertise and the ability to supply all Electro-Mechanical needs for major projects. The engineering and support staff of our division brings you a broad base of scientific and technical knowledge to draw on, coupled with years of practical experience in the Electro-Mechanical field. We recognize the need for providing organized and full range of support to contractors and consultants, from job take off, selections, technical submittal and quotation proposal through financing, purchasing, delivery and after sales services.

Bidding

Quotations and proposals are carefully prepared by our engineering team after review of engineering drawings and equipment take-off, and with the coordination of our suppliers and manufactures to submit competitive pricing and technical submittal for the proposed equipment within their time period.





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Purchasing

Excellent coordination with the manufacturers and suppliers to process the in house orders and to expedite and commit early delivery. Having a good management team to handle the sourcing of manufacturers, order follow up and entry, product inspection, shipping, insurance, and documentation, we are very much confident to handle any type of industrial and commercial projects. Furthermore, we will assist you with any sample requirements from our manufacturers or suppliers that might be needed for submittal and product approval.

Sub Contract, After Sale Service and Maintenance

When necessary the company has expertise to handle Industrial Insulation work for the Industrial and commercial projects. We are also providing the installation, start-up and maintenance once the equipment is delivered to the job site. We are also committed to provide the after sales service that will ultimately leave you maximum satisfaction on the equipment installed.

Our Activities

Telecommunication

- Industrial/Commercial UPS
- Batteries (VRLA & Nicad) & Battery Chargers
- Battery Monitoring Systems
- DC Power Plants for Telecom & Utility
- Telecommunication Power Plants
- Frequency Converters
- Buried Cable Trenching, Plowing and General Placing.
- Construction of all Type of Manholes.
- Conduits Laying and Encasing.
- Cable Pulling.
- Termination, Splicing, & Testing of Copper & Fiber Optic Cable
- Installation of Pedestals, Cross Connect Boxes, Interface Devices and Terminal Housing.





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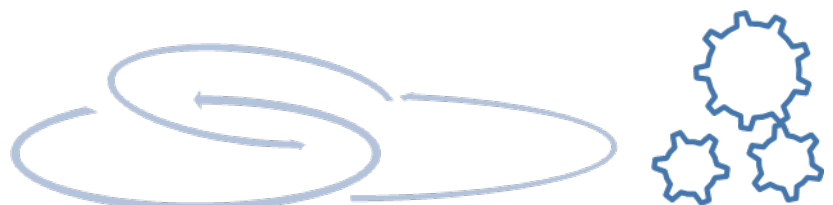
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Electrical Systems

- **Emergency and Standby Power Systems**
 - Scope
 - Definitions
 - General need guidelines
 - Generator and electric utility systems
 - Stored energy systems (DC power systems)
 - Protection
 - Maintenance
 - Specific industry applications
 - Design and operation considerations for improving the reliability of emergency power systems
 - Emergency Shut-offs

- **Energy management**
 - Overview
 - Organizing for energy management
 - Translating energy in to cost
 - Load management
 - Energy management for motors, systems, and electrical equipment
 - Metering for energy management
 - Energy management for lighting systems
 - Cogeneration
 - Instrumentation
 - Site survey and site power analysis
 - Case histories
 - Specification and selection of equipment and materials
 - Recommended design / installation practices

- **Industrial power distribution**
 - System planning
 - Voltage considerations
 - Short-circuit calculation
 - Application and coordination of protective devices
 - Surge voltage protection
 - Grounding





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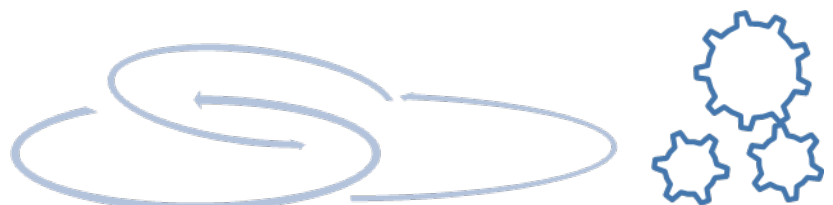
- Power factor and related considerations

- Substations LV, MV or RMU ,Transformers
- Power Transmission & Distribution Systems
- Power Generation Plants
- Cabling
- Offshore Loading Control Systems
- Emergency Power, UPS
- Lightning Protection
- Generator sets
- Fire Protection/Detection Systems
- Security Control Systems
- Tank Gauging Systems
- Cathodic Protection System

- **Commercial power systems**
 - Harmonics in power systems
 - Power switching, transformation and motor control
 - Instrument and meters
 - Cable systems
 - Bus ways
 - Electrical conservation through energy management
 - Industrial substations : plant-utility interface
 - Cost estimating

- **Electric systems in health care facilities**
 - Overview
 - Load requirements and energy management
 - Electrical power distribution systems
 - Planning for patient care
 - Emergency power systems

- **Grounding**
 - System grounding
 - Equipment grounding
 - Static and lightning protection grounding
 - Connection to earth
 - Sensitive electrical equipment grounding





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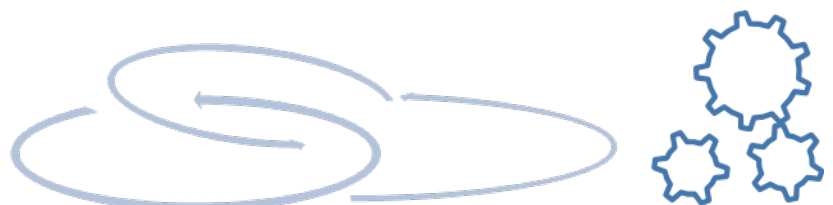
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Life Safety Alarm & Monitoring Systems

Emergency Control Stations
Alarm & Monitoring Systems
Toxic Gas Monitoring
HPM Alarms
Evacuation Alarms
Sprinkler Alarms

Mechanical Services

- ❖ Piping and Fluid Flow Systems
- ❖ Design and Analysis
- ❖ Pumps, Valves and Component Selection for Piping Systems
- ❖ Air, Steam, Condensate, Gas and Oil Utility Piping Design
- ❖ Fire Protection Systems Design
- ❖ Tank and Pressure Vessel Design
- ❖ Compressed Air, Gas and Vacuum Systems Design
- ❖ High Purity Piping Systems (gases - water)
- ❖ Plumbing Design
- ❖ Diesel Generators
- ❖ LV & MV Diesel Generators
- ❖ Synchronizing Panels
- ❖ Generator Control Modules
- ❖ Synchronizing Modules
- ❖ Weather Proof & Acoustic Canopies
- ❖ Rotary Converters
- ❖ Dynamic UPS





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Executed Projects

◆ STC (Saudi Telecom) As ACES Sub contractor

Supply and installations of new Delta Power with Batteries Bank in Central region.
Online transfers of Rectifiers from 3000 amps to 6000amps.
GSM sites installations all kind of Civil & Electromechanical Work .
Operation & Maintenance for Two years.

◆ MOBILY.

As sub contractor International telecommunication Company

Mono pole Sites, Green field sites, Roof top sites, Kingdome wise turn key projects.
Installations of Towers, Shelters, Land escaping, Fens, Gen Sets and fuel tanks, Complete
Civil and Electromechanical installations.
Operation & Maintenance for Two years.

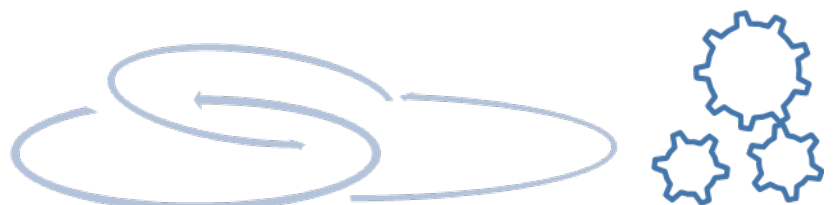
◆ MADAF (Power Engineering)

Mobily sites

All Civil & Electromechanical installation including operation and maintenance in north
Madina.

◆ Al Rashid Group

Mobily sites installation and all electro mechanical work with operation and maintenance.
Supply installation maintenance and operation of generators.





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➔ SAWARY

Turn Key Project Electro Mechanical Design and Installation of **18 MW** Power House consisting of 9 Gensets, 2 MW Each in Future Ceramic Industries, 2nd Industrial Area Dammam.

Operation & maintenance projects East Region, installation of Generators Power Plants.

➔ ABUNAYYAN Group.

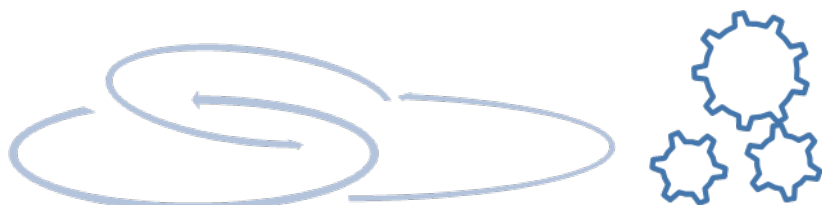
Test lab/Work shop equipments installation.
Installation of Generators,
Installation of overhead crane for workshop,
Power Projects installation,
Trouble Shootings for the different industries.
Installation of Pumps/Submersible pumps in different ministries.

➔ AI-BAYANAT.

Turn key projects. Design, supply of equipment and installation work for DATA centre including UPS, Batteries, Generators, under raise floor Air Conditioning system, Rectifiers, Water detection system, MDBS, Door Access system and Control Panels.

➔ Gulf-Orbit for Trading and Contracting Est.

Minhal Crown Plaza. Electrification, Renovation of Building, Installation of Building Management System (BMS),
HVAC shifting maintenance & renovation,
Server room Installation.





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➤ **Ba Mohsin Trading and Contracting.**

Installation of Industrial Control Systems,
Installation of new machines, Checking, Calculating of Power Factor and Installation of Power Factor Improvement Plants.
Generators maintenance & installation.

➤ **Saleem AQ Contracting and Trading Est.**

Industrial Installations Civil Mechanical and Electrical includes Networking, (Installed three factories)

➤ **King Fahad Medical City sub contractor Safari CO.**

Supply and installation of Generators, UPS 300 KVA, Batteries and Distribution system for utility.

➤ **I-Man Co.**

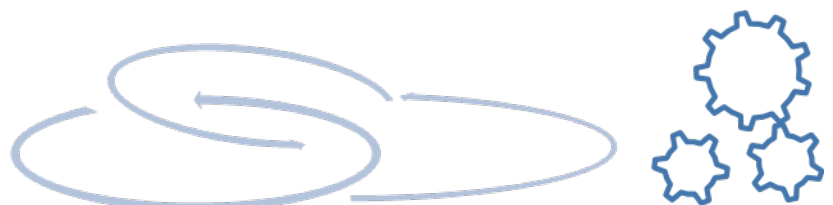
Installation of Gen Sets, Batteries and UPS in telecom side.
HCAC System
Fire Alarm & Fire Fighting Systems.

➤ **Navel Head Quarter Riyadh.**

The installation of Generator, Batteries and UPS.
Generators Installations for the Naval Hospital.

➤ **Space System trading & Services**

Electro Mechanical works like Generators Installations, switchgear, Transformers industrial automation lifts, lighting system,
Motors control, Data Centers, Air Conditioning System, Networking, MDBs etc.





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➤ ARABSAT satellite station

Supply and installation work of 1.5 MW power house
With additional 500 KW Gen Set, Networking and
Replacement of old fire alarm & fighting system with new.

➤ RDB El-Seif

Installation, maintenance and operation of Precast factory , Batching Plant, cranes, batteries
in Prince Al Norah University for women in Riyadh.
Supply and installation of generators
Different electromechanical projects.

The undersigned could be contacted for any kind of assistance at any time. We look forward to generate a good business with your esteemed Company at the very near future.





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Contacts Us :

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