



AL AMAN
MODERN FACTORY
MAKING THE IMPOSSIBLE POSSIBLE



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ABOUT THE FACTORY

Al Aman Modern Factory was founded in 2004 for the main purpose of serving our clients' finer specifications and reducing delivery times for projects, while adding value to the local market. Over the years, our product catalog has expanded and been finely tuned to fulfill various requirements in the engineering field, covering steel fabrications, power distribution panels and control systems, and industrial noise abatement.



LOCATION

Modon 3 Industrial City,
Jeddah, Saudi Arabia



AREA

44,000 m²

SWITCHGEAR FACTORY

ABOUT THE FACTORY

Boasting over 10 years of experience and 100+ successful installations, our switchgear factory is a market leader in providing solutions for complex synchronizing and automation applications.

THE SYSTEM

GENERATOR SYNCHRONIZING

AUTOMATION & ENERGY MONITORING PROJECTS

POWER DISTRIBUTION PANELS

GENERATOR LOAD BANKS

TRAINING & MAINTENANCE

THE PRODUCTS

- Synchronizing panels
- Power control panels
- Programmable logic control panels
- Automatic power factor control panels
- Change over panel boards
- Generators local control panels
- Resistive and inductive load banks
- Fuel and oil control panels
- Automatic transfer switch panels
- Hvac and chiller management control panels
- Main distribution panels



LS INDUSTRIES

ABB

ABB

ZAHID GROUP

MASONS POWER GENERATION

ABB

DEEP SEA ELECTRONICS

ComAp

ABB

Schneider Electric

MITSUBISHI ELECTRIC

RITTAL

LS INDUSTRIES

SAWARY ENERGY

TANKS

Design & fabrication of storage tanks for various uses, including:

- Fuel
- Oil
- Water
- Firefighting Products
- Waste/Septic Tanks
- Concrete Mixers

- All the required fittings and monitoring & control equipment.



The tanks are given the utmost detail during the design phase to ensure that the most optimal choice is made, based on every site's conditions, for example:

Type	Rectangular	Cylindrical
Tank Walls	Single Skin	Double Skin
Orientation	Vertically Oriented	Horizontally Oriented
Location	Overground	Underground
Material	Steel	Reinforced Concrete

Fabrication of the tanks is meticulously monitored to ensure compliance with safety regulations and standard welding practices, either on factory grounds or on-site, depending on the size and site conditions.



DUCT FACTORY

ABOUT THE FACTORY

Specialized in ductwork fabrication for HVAC systems & exhaust air systems. Our ductwork designs are based on SMACNA standards, and are available in various forms.



- Rectangular and Circular.

- Materials used:

1. Galvanized steel
2. Mild steel,
3. Stainless steel

- Available with thermal insulation and aluminum/steel cladding



MUFFLERS

ABOUT THE FACTORY

Specialized in designing and fabricating all grades of engine exhaust mufflers based on our own acoustic study, to comply with any NR level requirements.



Muffler Grade

Noise Reduction

Industrial

15-25 dBA

Residential

20-25 dBA

Critical

25-30 dBA

Super Critical

30-35 dBA

Hospital

35-40 dBA



SOUND ATTENUATORS & LOUVERS

ABOUT THE FACTORY

Design and fabrication of sound attenuators and louvers for the purpose of mitigating high noise levels, while occupying minimal space.



Our sound attenuators and soundproofing products aim to serve various applications:

Industrial:

- Power plants
- Generator enclosures
- Any noise-producing electromechanical equipment

Residential

- Soundproofing walls/doors/windows for any purposes

Commercial

- Soundproofing shops/cinema halls
- Controlling noise levels from power rooms

Sound Attenuators

Durable and Weatherproof.

Designed to balance between Noise Cancellation and Air Flow.

Easy to install and remove on-site.

Sized based on the required dBA level by the client

Louvers

Designed to control air flow for ventilation.

Prevent any debris from contaminating the equipment behind it.

Sand Trap louvers available to counteract dusty site conditions.

Louver dampers can be fabricated as **Stationary**, **Backdraft** or **Motorized**.

Acoustic Louvers

A combination of **Sound Attenuators** and **Louvers**, utilized when minimal space usage is essential.



GENERATOR ENCLOSURE FACTORY

ABOUT THE FACTORY

Specialized in designing and fabricating customized steel enclosures that house diesel generating sets of all ratings and sizes along with auxiliary equipment to suit the client's needs.

All enclosure designs are based on calculations & simulations to ensure compliance with any applicable codes and client requirements. Before going into fabrication, the following studies are carried out:

Acoustic Study:
Achieving the target dBA.

Ventilation Study:
Determining the aerodynamic parameters.

Structural Analysis:
Ensuring the sturdiness of the product.

CHARACTERISTICS

1. MOBILE

2. SOUNDPROOF

3. WEATHERPROOF

4. DURABLE & HEAVY-DUTY

AMONG OUR ENCLOSURES' FEATURES ARE:

- Soundproof Insulation
- Attenuators & Louvers (various types)
- Rust-resistant Fittings
- Auxiliary Systems (Batteries, Lighting, Piping, etc.)
- Fuel Tanks (Regular or Sub-base)
- Generator Control Panels
- Drainage
- Emergency System
- Access space for maintenance & cleaning
- Fitted with lifting lugs, forklift pockets, or lifting corners depending on size and application.
- Finishing done to client specification.

KEY SUPPLIERS



& CLIENTS

