



EQUIPMENT REPAIR لصلح المعدات

Your Trusted Source For Electrical And Mechanical Repairs

Your Trusted **Source for** Electrical & Mechanical **Repairs**



- ✓ PLC Programming & Automation.
- ✓ Transformers & Switchgear Repair & Maintenance.
- ✓ Heavy & Light Duty Equipment And Machinery Repairing & Maintenance.
- ✓ Electrical Control Circuit Panel Board Design, Maintenance & Troubleshooting. (VFD, PLC, Etc..)
- ✓ Air-Conditioning, Refrigeration & Air Purifying Equipment Repairing & Maintenance.
- ✓ Marine Equipment Repairing & Maintenance.

+more...



+971 56 767 3055



+971 56 767 3055



info@ailtizamuae.com



www.ailtizamuae.com

About Our Company

At Ailtizam Equipment Repair, we specialize in providing high-quality repair and maintenance services for a wide range of industrial and commercial equipment. Our team of skilled technicians is committed to ensuring the reliability, performance, and longevity of your equipment, minimizing downtime, and keeping your operations running smoothly.



*We Value Transparency,
Professionalism, and
Customer Satisfaction*



Vision

Providing Reliable, Efficient, And High-quality Electrical & Mechanical Maintenance Services With A Focus On Safety, Sustainability, And Customer Satisfaction.



Mission

To be the leading electrical & mechanical maintenance provider, recognized for excellence, innovation, and long-term client partnerships.



Values

We are committed to delivering top-notch solutions with precision, efficiency, and attention to detail. Our goal is to provide long-lasting and reliable results.



+971 56 767 3055



+971 56 767 3055



info@aitizamuae.com



www.aitizamuae.com

1 PLC Programming & Automation.



PLC Programming & Configuration

Custom programming of PLC systems for a variety of industrial applications, ensuring seamless integration with your machinery and automation processes.

Automation System Design & Implementation

Design and implementation of automation systems, integrating PLCs, sensors, actuators, and other equipment to optimize processes.

Troubleshooting & Diagnostics

On-site and remote diagnostics to identify and resolve issues in PLC-controlled systems, minimizing downtime.

Automation System Maintenance

Ongoing support and maintenance services to ensure the continued reliability and performance of your automation systems.

Custom Automation Solutions

Tailored automation solutions for specific industries (manufacturing, packaging, food processing, etc.), designed to meet your unique operational needs.

2 Electrical Control Circuit Panel Board Design, Maintenance & Troubleshooting. (VFD, PLC, Etc..)

Electrical control circuit panels are essential for managing and automating machinery and industrial processes. These panels house various control components, including Variable Frequency Drives (VFDs), Programmable Logic Controllers (PLCs), relays, circuit breakers, and switches, to regulate and protect the operation of motors and systems.



Design:

When designing a control panel, key considerations include:

Component Selection: Choosing the right VFDs, PLCs, and protective devices like relays and circuit breakers.

System Layout : Organizing components for ease of access and maintenance.

Safety: Ensuring the design complies with safety standards, such as proper insulation, grounding, and emergency stop mechanisms.

Enclosures: Selecting appropriate enclosures (e.g., NEMA or IP- rated) to protect against environmental hazards.

3 Heavy & Light Duty Equipment And Machinery Repairing & Maintenance



Excavators Bulldozers Cranes Dump Trucks Loaders Backhoes Forklifts Industrial Machinery
+ more



Engine & Powertrain:

The engines in heavy & light -duty equipment are typically high-powered and require frequent maintenance. Regular oil changes, air and fuel filter replacements, and cooling system checks (including radiators, hoses, and belts) are crucial to prevent overheating and ensure the machine runs efficiently.

Hydraulic Systems :

Hydraulic systems are central to the operation of heavy-duty machinery, such as excavators and bulldozers, as they control the lifting and digging mechanisms. Maintaining the hydraulic fluid levels, checking for leaks, and replacing worn-out hoses and seals help avoid costly breakdowns and ensure smooth functionality.

Transmission & Drivetrain :

Maintaining the transmission and drivetrain of heavy & light -duty equipment involves checking fluid levels, inspecting gears for wear, and ensuring proper alignment and lubrication. Issues with the drivetrain can lead to severe mechanical failures if left unchecked.

Structural Integrity :

Heavy & light-duty machinery is often subjected to harsh working conditions. Routine checks of the equipment's structural components—such as the frame, joints, welding points, tracks, and tires—help prevent failures due to stress or wear and tear.

Electrical Systems :

Diagnosing electrical systems involves checking the battery, wiring, sensors, and control units. Regular inspections help identify issues before they escalate, ensuring that all electrical components, including lights, alarms, and gauges, function correctly.



+971 56 767 3055



+971 56 767 3055



info@aitizamuae.com



www.aitizamuae.com

4

Air-Conditioning, Refrigeration & Air Purifying Equipment Repairing & Maintenance :

Air Conditioning Unit Repairs

Diagnostic and repair services for residential and commercial AC units, including cooling issues, compressor failures, and refrigerant leaks.

Refrigeration System Repair

Maintenance and repair for commercial refrigeration units, freezers, and ice machines to ensure proper temperature control and efficiency.

HVAC System Maintenance

Regular servicing of heating, ventilation, and air conditioning systems to improve air quality and system performance.

Air Purifier Servicing

Inspection, filter replacement, and repairs for air purifiers and filtration systems to ensure optimal air quality and efficiency.

Refrigerant Recharge & Leak Detection

Recharging refrigerant levels and locating/repairing leaks in both AC and refrigeration units.

Duct Cleaning & Maintenance

Thorough cleaning of ducts to prevent the build-up of dust, debris, and allergens, improving air quality and system efficiency.

System Upgrades & Custom Solutions

Installation and upgrades for energy-efficient systems and customized solutions based on specific cooling, heating, or air-purifying needs.



5 Switchgear Repair & Maintenance.

✓ Switchgear Inspections & Testing

Routine inspection and testing of switchgear equipment, ensuring safe operation and identifying wear or damage in circuit breakers, fuses, and disconnectors.

✓ Circuit Breaker & Protective Relay Maintenance

Servicing and calibration of circuit breakers and relays to ensure proper protection against electrical faults and overloads.

✓ Switchgear Panel Repairs & Modifications

Repair, refurbishment, or modification of switchgear panels, including busbar inspection, terminal connections, and breaker handling.



+971 56 767 3055



+971 56 767 3055



info@aitizamuae.com



www.aitizamuae.com

6 Marine Equipment Repairing & Maintenance :

Marine Engine Repairs & Overhauls

Diagnostic services, engine repairs, and complete overhauls for inboard and outboard motors.

Hull & Structural Repairs

Fiberglass, steel, and aluminum hull repairs, plus bottom painting and corrosion prevention.

Electrical System & Navigation Repair

Repair and troubleshooting of electrical systems, including batteries, wiring, navigation equipment, and electronics.

Propulsion Systems Repair

Maintenance and repair of propellers, shafts, rudders, and sterndrives for smooth operation.



Why Choose Our Company

- ✓ **Experienced Technicians :**
Our team is trained in repairing a wide variety of equipment and machinery, ensuring expert service every time.
- ✓ **Quick Turnaround :**
We understand the urgency of getting your equipment back in operation, so we prioritize fast and efficient repairs.
- ✓ **Cost-Effective Solutions :**
We offer competitive pricing and value for money without compromising on the quality of service.
- ✓ **Comprehensive Services :**
From emergency repairs to scheduled maintenance, we offer end-to-end solutions for all your equipment needs.
- ✓ **Customer-Focused :**
We work closely with our clients to understand their needs and deliver personalized services.



We offer a comprehensive range of electrical maintenance services designed to keep your electrical systems safe, functional, and energy-efficient.

Preventive Maintenance :

Scheduled services to maintain electrical panels, wiring, circuits, and other critical components, reducing downtime and costly repairs.

Electrical System

Upgrade Electrical Panel

Inspections and upgrades to ensure your panel is up to code and working properly.



Routine Electrical Inspections :

Regular checks of electrical systems to identify potential issues before they become major problems.

Lighting Solutions :

Installation, maintenance, and repair of lighting systems, including energy-efficient LED retrofits.

Electrical System Upgrades :

Modernization of outdated electrical systems to improve efficiency, safety, and capacity.

03

Industrial :

From manufacturing plants to warehouses, we offer specialized maintenance services for large-scale electrical systems.

02

Commercial :

Our team handles the electrical needs of offices, retail spaces, and other businesses, minimizing downtime and optimizing energy usage.

01

Residential :

We provide electrical maintenance services to homeowners, ensuring the safety and efficiency of your home's electrical system.

04

Institutional :

We also serve schools, hospitals, and government buildings, providing the necessary maintenance to keep critical systems running smoothly.

05

Marine Industry :

We offer reliable, specialized repair services to ensure your marine equipment performs at its best

Industries
We Serve



+971 56 767 3055



+971 56 767 3055



info@aitizamuae.com



www.aitizamuae.com



EQUIPMENT REPAIR لصلح المعدات

Your Trusted source for electrical and Mechanical Repairs

Your Trusted **Source for** Electrical & Mechanical **Repairs**



CONTACT US



+971 56 767 3055



+971 56 767 3055



info@ailtizamuae.com



www.ailtizamuae.com