



www.rawabiholding.com

RAWABI ELECTRIC

POWER SYSTEMS
AUTOMATION & CONTROL SYSTEMS
METAL WORKS & FINISH
SERVICES & SUPPORT

RAWABI ELECTRIC

Rawabi Electric, a fully owned subsidiary of Rawabi Holding, is a leading provider of Power and Automation Solutions in Saudi Arabia and GCC for different sectors including Industrial, Commercial and Residential sectors.

Rawabi Electric services include but are not limited to:

1. Power Systems

a. Low Voltage Systems:

Low Voltage Panel Boards and Switchboards are manufactured and tested in accordance to UL67 and IEC60439-1 (IEC61439-1)

Enclosures, Panels, and Cabinets are manufactured and tested to UL50 (ANSI/NEMA type 1, 3, 3R, 4, 4X, 7, 12) and IEC60529 (up to IP66, Ex-e, Ex-d) for hazardous and non hazardous area applications

- Panel Boards, up to 1600A, 480V, 42KA
- Switch Boards (Switchgears and Motor Control) up to 8750A, 690V
- Switchcraks for classified and non classified area installations
- AC/DC Distribution Systems

b. Medium Voltage Systems:

- Switchgears up to 4000A, 40.5KV, 50KA (Air Insulated, GIS, Arc Proof, Metal Clad, ARC Furnace, Double Bus Bar Systems), in accordance to IEC62271-200
- Motor Control for loads up to 40,000 KW, 17.5KV, 31.5KA, in accordance with IEC62271 and IEC60470
- Compact and Secondary Substations (open and closed types)
- RMU and Metering Units (fixed and extensible types) up to 36KV
- Mobile and Portable Power Centers (MPC and PPC)

c. Others:

- Power Improvement Solutions
- Variable Frequency Drives - VFD's (LV and MV)
- Auto Transfer Switch (ATS)

2. Automation and Control Systems

- Turnkey Process Control Systems (on MAC basis), from Base Design to Engineering, System Integration, MIS, Staging, IFAT, ISAT

- World Class Staging and IFAT Facility
- SCADA/PLC/RTU; Engineering, System Integration, Staging and IFAT
- Gen Set Auto Synchronizing, Load Management and Control
- AC/DC Control Systems
- Instrumentation and Control Boxes, Cabinets and Shelters
- Protection and Control (Relays, SCADA, PMS, Programming and Software)
- Building Management Systems (BMS)

3. Metal Works and Finish

a. Structural Design and Fabrication

b. Sheet Metal Design and Works

c. Metal Finish and Surface Treatment

- Surface Treatment deploying state-of-the-art 8 Stages Zinc Phosphate Process
- Coating (Polyester Powder, Anti-Corrosive)
- Special Finish (Electro Polishing, Passivation, Tin Plating, Galvanizing)

d. Other Custom Solutions

- Competitive services for client designs for various applications on supply contracts and/or job basis
- Efficient design services for various metal work applications both finished and unfinished surfaces

4. Services and Support

- Installation, Testing, Commissioning (Site Services)
- ICE Service Maintenance Contracts (Asset Management)
- Automation & Optimization Solutions
- Training & Consultation
- Engineering, System Design, & CAD Services
- Retrofit Solutions
- System Integration Services



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