



# ELECMEC SERVICES CONSULTANTS

ENGINEERING • DESIGN • SOLUTIONS



**ELECMEC**  
SERVICES CONSULTANTS

[WWW.ELECMECSC.COM](http://WWW.ELECMECSC.COM)



# WELCOME TO ELECMEC SERVICES CONSULTANTS

ELECMEC Services Consultants is a firm, specialized consultant in Automation, Production, Manufacturing and Integration for all Engineering systems. Our qualified experts deliver innovative technological solutions for a wide range of clients and focus their energy on helping businesses to meet the challenges of today's new economic realities, such as globalization, competitiveness and the changing commodity and energy prices.

## WHAT WE DO

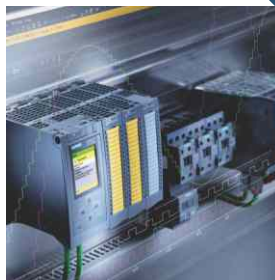
ELECMEC Services Consultants is specialized in design, build and programming of electrical control systems. Our services include system installation, on-site system commissioning, software design, documentation and technical support. Our capabilities allow us to serve a broad variety of project types and industries including Sugar, Pharmaceutical, Plastic, Fertilizer, Cement, Textile, Tobacco, Food, Chemical, Paint, Asphalt plant and Beverage Industries.





## 01 Industrial Process Control

One of the most highly demanding service of ELECMEC is Industrial process control, It involves monitoring and controlling machinery, systems, and processes across a large number of industries i.e chemicals, pharmaceuticals, biotechnology, energy, water/wastewater, oil, gas, plastic, paper, food and beverages.



## 02 Programmable Logic Control

We are fluent in the most essential PLC programming languages that gives flexibility, reliable control system and simple troubleshooting. Almost any production line, machine function or process can be enhanced using PLC control system.



## 03 SCADA & HMI Programming

ELECMEC provides best scada system. HMI are an essential tool in plant operations. It allows better interaction between the machine and operator. Better interaction with machine will increase the operator efficiency and saving of production time.



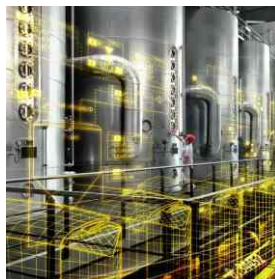
## 04 Automated Tank Gauges System

In accordance with environmental regulatory compliance, ELECMEC provides best automated gauges system that continuously monitor fuel levels in tanks, track deliveries, fuel spill alarms and to perform leak tests.



## 05 Flow Measurements

We provide flow measurement services for liquid & steam for open channel and pressurized pipe applications.



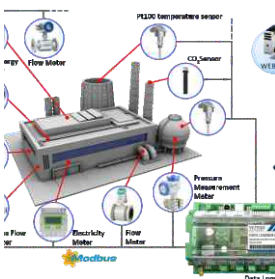
## 06 Temperature Measurement

A highly accurate & optimized temperature measurement are done for achieving less cost & precise production evaluations. Our services can facilitate improved product quality via greater insight into the behavior and performance of materials and components.



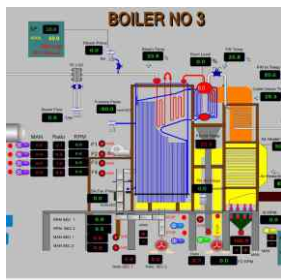
## 07 Paperless Recorder

A paperless recorder is a data acquisition and data logger device used to record measurement data over time. Many paperless recorder devices are integrated into industrial control systems for process monitoring applications.



## 08 Data Acquisition & Data Logging

Data acquisition (DAQ) is the measurement, recording, analyzing, and presentation of real world phenomena. We are here to serve you solution regarding data acquisition and data logging to monitor your data in control room and save your data on your device. Selecting the ideal recorders/data loggers depends on your application.



## 09 Boiler Management System

ELECMEC design and manufactures reliable, technically advanced combustion controls and instrumentation systems for boilers. BMS are standard solutions which comply with all international, national and regional standards which are customized as per your specific needs. ELECMEC provides best BMS for evaluation of cost & efficiency.



## 10 Boiler Overhauling

ELECMEC Services Consultants provides overhauling, repair and maintenance services to upkeep the steam boilers and hot water system.



## 11 HVAC Control System

Heating, ventilation and air conditioning in commercial and industrial buildings consist of software-managed controllers and sensors. HVAC Control System continuously monitor interior conditions and activate to provide comfort for a building's occupants.



## 12 Blow Molding

ELECMEC Services Consultant offers our precious clients a qualitative Blow Molding Machine & its Maintenance Service. This service is executed by our adept professionals using optimum grade tools and modern technology.



## 13 Injection Molding

ELECMEC Services Consultants offers all brands of injection molding machines and can efficiently respond to your service needs. Our team of experienced service engineers & technicians provides service to help you keep your equipment in peak operating condition.



## 14 Switchgears

ELECMEC Services Consultants specialists in: Installation and commissioning of HV and LV Switchgear, VFDs Panels, Automatic Power Factor Correction panel and all kinds of industrial panels.



## 15 Motor Rewinding & Maintenance

We are providing services for electrical motors with all type, size & brands i.e

- ▶ AC motors
- ▶ DC motors
- ▶ Low, Medium & High Voltage electric motors



## 16 Transformer Rewinding & Maintenance

We are offering Power Distribution Transformer Repairing of all type of Distribution Transformers ranging up to 15,000 KVA in 11 KV, 33 KV, 66 KV & 132 KV. ELECMEC also provides services like Transformer Oil Dehydration, Filtration & all kind of transformers tests.



## 17 Power Saving Techniques

Energy prices have increased at an alarming rate, and interest in environmental responsibility is at an all-time high. Many organizations are looking for ways to conserve energy, reduce carbon emissions, and save on overall utility costs. We are here to save your money by implementing unique power saving techniques.



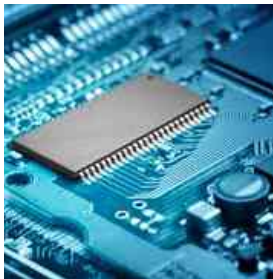
## 18 Energy Management System

ELECMEC Services Consultants holds a passion to help organizations make real and lasting conservation improvements. It can optimize energy usage and reduce power consumption.



## 19 Solar Power System

ELECMEC offers services that are made to meet all kind of solar needs for domestic, commercial and industrial consumers. Our team of surveyors and installers are professional and experienced, unlike most Renewable Companies. We offer tailor-made solar solutions depending on customer location, electricity needs and investments.



## 20 Embedded System Design

ELECMEC Services Consultants brings to you the top Embedded Systems developers and designers who have experience in all the required engineering disciplines that make for successful tasks.



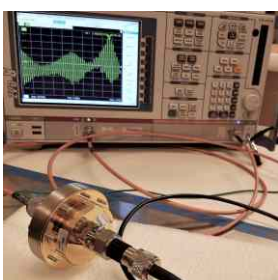
## 21 Home Automation

A smart home is a house where systems & appliances are controlled by a device connected to the internet. ELECMEC provides a truly smart home where each of those internet-connected systems are linked together through a seamless automation system that helps you control every aspect quickly & conveniently.



## 22 Security Solutions

Security & surveillance solutions in Pakistan are in great demand, and our equipment ensures accurate surveillance that you can conveniently monitor at any time and from anywhere. At ELECMEC Services Consultants, we strive to provide total protection for you & your family so that you always have comfort.



## 23 Testing & Calibration

ELECMEC Services Consultants specializes in calibration of electrical switchgear testing instruments for maintenance & acceptance testing. Also provides calibration of all types of electrical & measuring equipment i.e Circuit Breaker, AC, DC High Voltage Tester, Protective Relay Test Sets, Insulation Testers, Multimeters, and many more instruments.



## 24 Panel Fabrication

ELECMEC manufacture and upgrade all types of custom panels for industries i.e water and sewage treatment plants, motor control centers, foundries, food processing, pharmaceutical, plastic, cement, textile and many other types of manufacturing plants and applications.

## Your first Choice in Electrical Products!

ELECMEC serve you all electrical needs, as well as providing larger inventory and facilities i.e Fast delivery and courteous services.



**Temperature sensor**



**Temperature Controllers**



**Pressure Controllers**



**Paperless Recorders**



**BTU Meters**



**PLC**



**HMI**



**Programming Cables**



**Arduino**



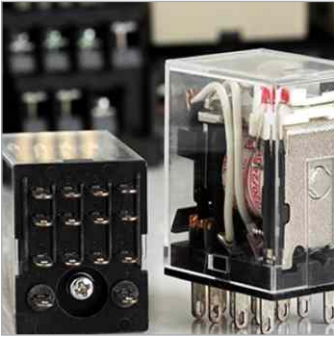
**Microcontrollers**



**Embedded Sensors**



**IC Evaluator Boards**



**Relays**



**Circuit Breakers**



**Magnetic Contactors**



**Push Buttons**



**Timers**



**Limit Switches**



**Electronic Overload Relays**



**Thermal Overload Relays**



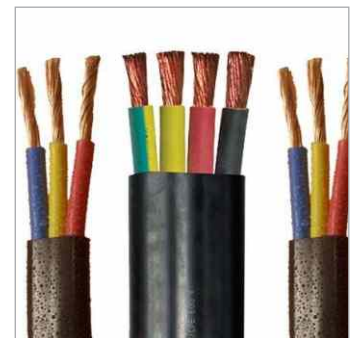
**Current Transformers**



**Potential Transformers**



**High Tension Cables**



**Low Tension Cables**



**Thimbles**



**Solar Panel & Solar Inverters**



**EPDM Insulation**



**Electric heaters**



**VFDs**



**Electric motors**



**Security Camera's**



**Wireless Control Boards**



**Industrial Cabinets**



**Cable Duct Trays**



**Power Supplies**



**Portable-Uninterruptible Power Supplies**



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