



Innovative Electronics For You

M. B. Control & Systems Pvt. Ltd.

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Registered & Corporate Office

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M.B. Control & Systems Pvt. Ltd, is an ISO-9001 company. Since our inception in 1983, we have been committed to provide innovative electronic systems and equipment for control and monitoring of industrial processes. We design, manufacture, install and commission industrial electronics systems on turnkey basis.

Our system solutions are suitable for Energy management systems, Weather Monitoring Solutions, Telemetry Systems, Remote Data Collection System, Remote Meter Reading Solutions, RTU Control Panels and Systems, SCADA systems and Sub-Station Automation Systems. Required energy reports are provided as part of the system.

Our team of experts is available to dispense expert technical support, and provide technical solutions to questions ranging from generic to complex. We consider excellence of products and service as a key to gaining customer loyalty and satisfaction. We have pan India presence via dealer and distribution network.

All the products we offer can be viewed on our website www.mbcontrol.com. We have clients such as in power generation (wind, solar, hydro etc.), OEM, Transmission, IPP, CPP, Heavy Industries etc.

Achieve your potential - build an exciting career

Discover the opportunity to join a dynamic, and responsible company that fosters the development of all its people and communities around the world. Every day, we challenge employees to achieve more and experience exciting careers.

JOB PROFILE:

We are looking for a skilled and detail-oriented **PLC and SCADA Engineer** for designing, programming, testing, commissioning, and maintaining PLC-based control systems. The role involves developing automation solutions, troubleshooting control systems, and ensuring reliable operation of industrial processes and equipment.

Designation: Assistant Engineer

Department: Power & Automation

Reports to: Senior Engineer

Location: Full Time On-Site, Howrah

Tasks:

- Develop PLC programs for industrial automation systems.
- Configure I/O modules, communication protocols, and networking.
- Modify existing PLC programs based on project requirements.
- Implement logic for safety, interlocks, and alarms.
- Design and configure SCADA & HMI screens
- Integrate PLC with SCADA systems
- Configure data logging and reporting functions
- Ensure proper alarm management and event logging
- Prepare operation manuals and technical documentation
- Develop I/O lists and control schematics, Prepare control philosophy documents
- Configure and maintain communication networks and protocols (e.g., Modbus, IEC-104, OPC).
- Diagnose and resolve PLC and automation faults
- Integrate PLCs with third-party devices such as meters, sensors, and VFDs
- Knowledge on Ethernet Switches, Router and Firewall
- Knowledge on different type of communication Ethernet, Fiber optic, Serial RS232/RS485, PLCC.
- Develop and maintain system documentation including architecture diagrams, wiring schematics, and operational manuals.
- Knowledge on creating and reading Panel drawings/scheme
- Participate in system testing, commissioning, and validation activities.
- Monitor SCADA system performance and make improvements for reliability and efficiency.
- Verifications of technical compliances of HW/SW systems
- Working with minimum supervision, execute assigned projects while working with other engineering professionals in the team-based environment.
- Accountable for performing assigned tasks on projects within the scope and schedule. An ability to learn new and varied protection and substation control technologies is essential.
- Continue developing skills and competencies by delivering more complex projects and through participation in standard working groups and technical conferences.
- Achieve a high level of productivity.
- Travel Extensive to different locations

Qualifications:

- Bachelor's degree in Electrical Engineering, Automation, Computer Engineering, or related field.
- Strong knowledge of PLC programming languages (Ladder Logic, Function Block, Structured Text)
- Proven experience in SCADA system development and maintenance.
- Familiarity with major PLC brands such as Siemens, Allen Bradley, Schneider, Mitsubishi, etc.

- Understanding of electrical control systems and instrumentation
- Proficiency in SCADA platforms such as Aveva or Siemens WinCC.
- Strong understanding of PLC programming (e.g., Siemens, Wago, Phoenix Contact).
- Minimum Exp. 3 years of Design and Engineering
- Ability to manage multiple projects and priorities.
- Location: Howrah