



M. B. Control & Systems Pvt. Ltd.

CIN : U67120WB1980PTC033012 | PAN : AABCM7980K | GST NO. : 19AABCM7980K1ZU

Registered & Corporate Office

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M.B. Control & Systems Pvt. Ltd. (MBCS), 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. Through the years, MBCS has become a Powerhouse and is synonymous with all Power and Renewable Energy Projects – both big and small.

Our system solutions are suitable for Energy management systems, Weather Monitoring Solutions, Telemetry Systems, Remote Data Collection System, Phasor Measurement Units, RTU Control Panels and Systems, SCADA systems and Sub-Station Automation Systems.

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:

Specification Engineer

M.B. Control & Systems is seeking a technically proficient Specification Engineer with strong knowledge of electrical metering, energy metering, power quality measurement, power systems, and applicable IEC/IEEE standards.

The candidate will be responsible for reviewing and developing technical specifications, ensuring compliance with customer and international standards, supporting product approvals, and positioning the company's products and solutions with consultants, EPC contractors, utilities, renewable energy developers, and industrial customers.

The role requires a strong understanding of energy meters, multifunction meters, power quality meters/analyzers, DC metering, Phasor Measurement Units (PMUs), metering accuracy requirements, power quality parameters, and associated communication and integration requirements.

Department: Sales & Business Development

Reports To: Company Director

Job Type: Full Time Remote

Key Responsibilities

A. Specification & Technical Documentation:

- Study customer specifications, tender documents, technical requirements, datasheets, drawings, and applicable standards.
- Prepare and review technical specifications, compliance statements, datasheets, technical schedules, and product documentation.
- Develop specifications for electrical metering, power quality monitoring, PMUs, automation systems, Meteorological Systems, and associated solutions.
- Prepare detailed Technical Compliance Statements (TCS) and identify deviations, exceptions, and clarifications.
- Evaluate customer specifications and select suitable M.B. Control & Systems products and solutions.
- Review metering requirements including accuracy class, measurement range, CT/PT inputs, auxiliary supply, communication interfaces, data logging, demand measurement, energy parameters, and power quality functions.
- Maintain standard specifications, product datasheets, certificates, drawings, test reports, and approval documentation.

B. Standards & Regulatory Knowledge, Metering & Power Quality:

- The candidate must possess sound technical knowledge of electrical metering and power quality measurement, including AC & DC Metering, Multifunction Meters, Power Quality Metering, Phasor Measurement Units, etc.
- The candidate should be capable of interpreting power quality requirements and determining the appropriate measurement and monitoring solution for a particular application.
- The candidate must have working knowledge of applicable metering and power quality standards, including relevant requirements of IEC-62052/53, IEC-61000-4-30, IEEE-519, IEEE C37.118..
- The candidate should be able to interpret these standards and translate their requirements into appropriate product specifications, compliance statements, and technical proposals.

C. Consultant and Customer Approvals:

- Work with engineering consultants, EPC contractors, utilities, project developers, and end customers to obtain technical approvals for company products.
- Support registration and inclusion of M.B. Control & Systems in Approved Vendor Lists (AVL) and approved product lists.
- Prepare and submit technical documentation required for product and vendor approvals.
- Respond to consultant/customer technical comments and specification queries.

- Participate in technical discussions, presentations, clarification meetings, and product demonstrations.
- Explain metering architecture, accuracy requirements, power quality functionality, communication capabilities, and applicable standards to customers and consultants.

D. Tender & Proposal Support:

- Review tender specifications and identify technical requirements relevant to the company's product portfolio.
- Support Sales and Proposal teams in preparing technically compliant offers.
- Perform detailed comparison of customer specifications against product capabilities.
- Identify restrictive or proprietary specifications and recommend technically equivalent solutions where appropriate.
- Prepare specification comparison sheets, compliance statements, and technical deviation statements.
- Support pre-bid and post-bid technical clarifications.
- Assist in preparation of system architectures, block diagrams, Bills of Materials, and scope-of-supply documents.

E. Product and Solution Coverage:

The Specification Engineer will support products and solutions including:

- Energy Meters and Multifunction Meters.
- Power Quality Analyzers.
- DC Energy Metering Systems.
- Phasor Measurement Units (PMUs).
- Energy Management Systems (EMS).
- Weather Monitoring Stations (WMS) and Automatic Weather Station (AWS).
- Substation Automation Systems (SAS).

F. Business Development and Specification Support

- Work closely with Sales and Business Development teams to identify projects during the design and specification stage.
- Engage with consultants, EPCs, utilities, developers, and end customers before tender issuance.
- Conduct online and face-to-face product presentations.
- Assist consultants and customers in developing technically appropriate specifications.
- Work toward specification and approval of M.B. Control & Systems products in upcoming projects.
- Develop technical comparison documents highlighting product performance, standards compliance, and engineering advantages.

Skills and Qualifications:

- Education: Bachelor's degree in Electrical Engineering or Electronics and Communication Engineering.
- Experience: Minimum 3-5 Years relevant experience in electrical metering, power quality metering, specification engineering, proposal engineering.
- Experience with electrical and power quality metering is strongly preferred.
- Candidate must demonstrate a good understanding of electrical parameters, metering principles, power quality phenomena, and applicable standards.
- Experience working with EPC contractors, engineering consultants, utilities, renewable energy developers, or industrial customers will be advantageous.
- Ability to understand electrical/electronic systems and technical specifications.

Key Competencies:

- Strong technical understanding of metering and power quality.
- Ability to interpret IEC/IEEE standards and customer specifications.
- Excellent technical documentation and specification-writing skills.
- Ability to interact confidently with consultant and customer engineering teams.
- Ability to coordinate across Sales, Engineering, R&D, Projects and Quality departments.
- Commercial awareness combined with strong technical understanding.
- Willingness to travel for consultant meetings, customer discussions, technical presentations, and project activities.