

# Technician, Instrumentation & Automation

[Emergent Biosolutions](#)

## Location

155 Innovation Dr, Winnipeg, MB

Those who join Emergent BioSolutions feel a sense of ownership about their future. You will excel in an environment characterized by respect, innovation and growth opportunities. Here, you will join passionate professionals who advance their scientific, technical and professional skills to develop products designed-to protect life.

**I:** Job Summary ( 2-4 sentence description of overall job purpose)

The Technician, Instrumentation and Automation is responsible for the installation, modification, testing, troubleshooting repair, predictive and preventive maintenance, removal, and replacement of complex analytical equipment and instrumentation for production and laboratory equipment.

In addition, this role provides knowledge as a subject matter expert (SME) and prepares technical reports with recommendations for solutions to technical problems.

**II:** Responsibilities (key responsibilities only. This should not be an all encompassing list)  
Reasonable accommodations will be made to enable individuals with disabilities to perform the essential functions.

Lives our culture of “right the first time” and ensures quality and accuracy in day-to-day activities; ensures work complies with regulatory requirements.

Performs complex instrument calibration and adjustments to specifications set through procedures and calibration requirements.

Diagnoses, services, calibrates, and repairs all production, non-production, and test equipment and perform predictive and preventative maintenance.

Knowledge of various types of control valves, transmitters (pressure, temperature, flow etc)

Provides expertise as a subject matter expert (SME) by understanding the implications of work and makes recommendations for solutions; supports CAPEX projects.

Supports deviation reviews, corrective action and preventative actions (CAPAs), and change controls, including root cause analysis and corrective actions for OOC events.

Determines methods and procedures on new work assignments.

Analyzes results and may develop test specifications and electrical schematics.

Proposes improvements to work processes, efficiency, and quality.

Specifies and requests purchase of components; maintains spare parts inventory.

**III:** Education, Experience & Skills

Technical diploma in Instrumentation and Control Engineering Technology, Instrumentation Engineering Technology or equivalent is required.

Accredited Technician/Technologist from a Canadian Association such as the Certified Technicians and Technologists Association of Manitoba (CTTAM) is strongly preferred.

6+ years of related experience is required.

Experience working in a regulated environment is considered highly beneficial; knowledge or ability to learn pharmaceutical regulatory requirements is required (e.g. cGMPs, ICH guidance, Eudralex, etc.).

Previous experience in using a Computerized Maintenance Management Systems (CMMS) is required; experience with SAP Plant Maintenance, DeltaV, and PLC systems is strongly preferred.

Knowledge of equipment, facilities, standards, techniques, policies, and processes.

Familiar with the concept of world class maintenance and best practices.

Strong understanding of Operational Excellence and Lean Manufacturing methodology.

Ability to read, understand, and follow standard operating procedures, protocols, work instructions, and other policies/procedures.

Strong verbal and written communication skills including technical writing.

Knowledge of Microsoft Office Suite Products such as Excel, Word, PowerPoint, and Outlook.

Ability to adapt and perform shift work as required.

As part of our team, you'll join talented and inspiring colleagues whose sense of purpose complements your own. We offer highly diverse career opportunities, a supportive culture, competitive salaries, flexible work arrangements and an extensive benefits package.

Information submitted will be used by Emergent BioSolutions for activities related to your prospective employment. Emergent BioSolutions respects your privacy and any use of the information submitted will be subject to the terms of our Privacy Policy .

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