

Campbell Scientific is a recognized world leader in designing, manufacturing, and installing environmental and infrastructure measurement and control systems. Our employees are devoted to maintaining our “innovative quality and dependable brand of choice” recognition. If you have a passion for what we do; strive to constantly learn and grow; have a strong work ethic, and value serving others; then see if you have what else it takes to join our high-energy team.

Job Title: Instrumentation Field Technician
CSC Department: Field Services
CSI Department: N/A
Classification: Temporary, Full-Time
Status: Non-exempt, Salary
Location: Edmonton, AB, Canada
Reporting To (CSC): Field Services Supervisor
Reporting To (CSI): N/A
Positions Supervised: None

Job Summary

The Instrumentation Field Technician will provide field service expertise in the maintenance, upkeep, and operation of measurement and control systems including road weather information stations.

Essential Functions

- Field installations and commissioning, which includes:
 - Coordinating work with various subcontractors (civil, electrical, traffic, etc.)
 - Installation of towers and camera poles
 - Installation of sensors on various structures, which may be located roadside
 - Installation of sensors in roadways (surface sensors and sub surface sensors)
 - SAT reports (site acceptance testing)
 - Completing commissioning reports.
- Field maintenance activities, which includes:
 - Field sensor replacements
 - Field sensor calibrations and cleaning
 - Providing general site maintenance and upkeep
 - Coordinating with project managers and other support staff
 - Identifying further action items for preventative maintenance
 - Completing field maintenance reports.

- Assist in system design by creating wiring diagrams and creating station equipment lists
- Perform in-house testing of new station equipment utilizing FAT reports (factory acceptance testing)
- Maintain an inventory of spares and other equipment, while effectively tracking items used
- Monitoring sensor failures to identify weak points
- Suggesting potential improvements for efficiency and quality in client deliverables
- Focusing on identifying problems in-house prior to going out to the field site
- Tracking and managing project time and expenses
- Inspections, maintenance, and tracking of PPE
- Completing daily safety paperwork and tailgates
- Adherence to all company and provincial safety procedures and regulations
- Other related work when required.

Required Technical and Functional Skills

- Familiarity with computer programming
- Professional oral and written communication skills
- Excellent field and safety documentation skills
- Ability to work well with others, take direction, and productively work alone with minimal supervision

Preferred Qualifications

- Possession of an elevated work platform certificate is an asset
- Experience with construction machinery is an asset.

Required Education and Experience**Education:**

- Completion of an Electronics Engineering Technologist Diploma or equivalent

Experience:

- At least two years of relevant experience working as a field technician
- Prior experience with Digital Messaging Systems (DMS) including experience with Road Weather Information Systems (RWIS) or Intelligent Transportation Systems (ITS)
- Proven previous field experience with a high level of technical troubleshooting ability

Performance Metrics

- TBD

Work Environment:

- Ability to work in all weather conditions and heights
- Ability to work long and irregular hours including nights, weekends, and hours based on client needs

Physical Requirements:

- Physically fit: comfortable with carrying equipment and tools, excessive sitting, or working in extreme conditions.
- Capacity to lift up to 50 pounds safely

Travel Requirements:

- Extensive travel is required for installations, client visits, visiting the head office, and so on.
- As part of this role, you will be required to operate a company vehicle and must submit a 3-year, current driver's abstract (i.e., pulled within 30 days) for insurance purposes. The Abstract must show zero moving violations (e.g., stunting, speeding, etc.).
- Applicants must have a minimum of three years' driving experience. A GDL will not be accepted.

Special Considerations: (e.g. special licenses or certifications required for the role)

Safety: CSC employees must understand and adhere to all requirements within our safety program. The use of PPE may also be required.

Compensation: Compensation is commensurate with education and experience. Excellent benefits provided.

The above statements describe the general nature and level of work being performed in this job function. This is not intended to be an exhaustive list of all duties. Additional responsibilities may be assigned.

We are an EOE/Affirmative Action employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, disability, veteran status, or any other status protected by law.