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Company: SEPRO Scientific

Position: Digital Equipment Technician

Location: Easton, Maryland

Supervisor: Technical Development Manager

Job Summary

SEPRO Scientific is the trusted authority in water and land health. Backed by decades of research and a team of scientists, field experts, and technical consultants, we monitor, diagnose, restore, and protect the waterways, habitats, and manage landscapes that communities and professionals depend on.

The Digital Equipment Technician is responsible for the assembly, installation, maintenance, troubleshooting, and support of digital water-quality equipment and related technologies, along with reagent preparation and production support. This position combines hands-on shop work with field deployment responsibilities and customer support activities. The ideal candidate is highly detail-oriented, comfortable working independently, and willing to travel to support equipment installations, maintenance, and technical service needs.

This role plays a critical part in ensuring equipment is assembled accurately, deployed successfully, and maintained to high-quality standards.

Essential Responsibilities

Equipment Assembly and Preparation

- Assemble instruments, sensors, detectors, digesters, cables, and related subassemblies.
- Perform equipment setup, inspection, calibration, and functional testing.
- Prepare equipment and materials for deployments, demonstrations, and customer use.
- Package equipment and coordinate inventory and shipping activities.
- Maintain organized workspaces and equipment records.

Field Deployment and Service

- Travel to customer sites to support installations, deployments, repairs, and maintenance activities.
- Assist with system startup, testing, and operational verification.
- Troubleshoot equipment issues in both field and shop environments.
- Communicate findings, recommendations, and service updates to customers and internal stakeholders.

Technical Support and Problem Solving

- Provide technical support for equipment operation and performance.
- Diagnose mechanical, electrical, sensor, and instrumentation issues.



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- Document troubleshooting activities and corrective actions.
- Escalate complex technical issues as necessary.

Quality, Documentation, and Process Compliance

- Follow standard operating procedures, safety requirements, and quality standards.
- Maintain accurate assembly, calibration, installation, and service records.
- Ensure work is completed with a high level of accuracy and attention to detail.
- Identify opportunities to improve equipment reliability and operating processes.

Shop and Equipment Support

- Operate and maintain shop tools and equipment.
- Support manufacturing and production workflows as needed.
- Assist with cable assembly, wiring, inventory management, and equipment maintenance.
- Provide support for CAD, prototyping, laser cutting, and 3D printing projects when needed.

Reagent Production and Chemistry Support

- Prepare, batch, label, package, and stage reagents and chemical solutions in accordance with approved formulas, standard operating procedures, and quality requirements.
- Accurately measure, weigh, and mix raw materials using appropriate laboratory and production equipment.
- Maintain batch records, lot traceability, inventory documentation, safety data sheets, and other required production records.
- Perform routine quality checks and promptly document or communicate deviations, material concerns, or out-of-specification results.
- Follow chemical-handling, personal protective equipment, storage, spill-response, and waste-disposal requirements.

Qualifications

Education

- Bachelor's degree is preferred in engineering technology, environmental science, chemistry, chemical technology, electronics technology, mechanical technology, instrumentation technology, computer technology, or a related technical field.
- Equivalent combinations of education, military training, technical certifications, and relevant experience will be considered.



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Experience and Skills

- Experience assembling, installing, maintaining, or repairing technical equipment.
- Strong mechanical aptitude and troubleshooting ability.
- Ability to work independently with minimal supervision.
- Excellent attention to detail and documentation skills.
- Strong customer-service and communication abilities.
- Ability to travel regularly for field deployments and service support.
- Experience with environmental monitoring equipment, instrumentation, sensors, water-quality systems, or electronics is preferred.
- Experience with reagent production, chemical batching, laboratory preparation, or chemical manufacturing is preferred.
- Working knowledge of basic chemistry concepts, including concentrations, dilutions, pH, solution preparation, and safe chemical handling, is beneficial.
- Familiarity with calibration procedures, data collection, CAD, or technical software is beneficial.

Physical and Work Requirements

- Ability to lift and move equipment and materials associated with the position.
- Ability to work in shop, laboratory, field, and customer environments.
- Ability to use tools and safely complete detailed, hands-on technical tasks.
- Ability to travel as needed, including occasional overnight travel.
- Ability to adjust work schedules based on customer needs, deployment timing, or field conditions.

Equal Employment Opportunity

SEPRO Scientific provides equal employment opportunities to all employees and applicants for employment and prohibits discrimination and harassment of any type based on any characteristic protected by applicable federal, state, or local law. This policy applies to all terms and conditions of employment, including recruiting, hiring, placement, promotion, compensation, training, transfer, leaves of absence, layoff, recall, and termination.