

Job Title: Associate Engineering Technician 0223
Reports To: VP Technology

Category: Non-Exempt

Position Summary: Entry level position within the Walchem Engineering Department working as part of a growing team responsible for the development and support of monitoring and control systems used in industrial markets such as utility water treatment, wastewater treatment and plating. The successful candidate will be trained as an Engineering Technician to assist in the development and testing of new products as well as continuing engineering to improve the performance and reliability of existing products. This is a great opportunity to learn a variety of skills, technologies, and methodologies as part of a small research and development team.

Essential Functions:

- Perform evaluation and laboratory testing of analytical monitoring and control equipment
- Participate in the development of new products and improving existing ones
- Perform hardware and software testing of monitoring and control products, perform calibrations, run diagnostics, troubleshoot equipment, and document results
- Run laboratory hardware tests using equipment such as: oscilloscope, logic analyzer, DVM, decade boxes, and thermal chamber
- Solder surface mount components and wiring for rework and testing
- Build and test mechanical prototypes; run the 3D printer
- Run bench top tests involving flowing water and aqueous measurements
- Maintain laboratory and testing equipment
- Assist with customer support and manufacturing issues
- Assist writing low-level embedded software for test and development

Qualifications:

- * Associates Technical Degree and/or two years equivalent experience
- High school STEM courses a plus
- * Mechanically inclined, hands-on learner
- * Interested in electronic, mechanical, and software activities
- * Organized, methodical and eager to learn
- * Can take direction from engineers and prioritize tasks
- * Strong work ethic and interpersonal skills
- Excellent oral and written communication skills
- Experience working successfully as part of a team
- Proficiency with Microsoft Office, Excel and Word
- Data analysis and problem-solving skills
- Basic chemistry lab experience is a plus
- * Curiosity and a passion for technology and figuring out how things work

Delegation of Authority:

- The Iwaki America Inc. Delegation of Authority Matrix is incorporated herein by reference

* Denotes essential Qualifications