

About Us

Membrion's purpose is to create circularity of the world's most valuable resources. Our initial focus is on water, and we work with the world's largest companies to help them recover and reuse the wastewater they generate. Our award-winning ceramic desalination membranes enable us to efficiently treat impossibly challenging wastewater, such as those that would otherwise be trucked off-site to a 3rd party facility to be boiled or chemically processed. As one of the best-funded and fastest-growing start-ups in water technology, we embody diversity and define success as living our core values of seeing what isn't obvious, being obnoxiously reliable, relentlessly flowing like a river, and being in this together. You can learn more about these core values at membrion.com/careers.

Position Title:	Quality Control & Assurance Team Lead
Position Type:	Full-Time, exempt
Location:	3257 17 th Ave W, Seattle, WA
Reporting To:	Chief Operations Officer
Salary Range:	\$80,000 - \$120,000, with additional bonus, benefits and stock options

Position Description & Expectations

This individual will establish, operate and continuously improve robust quality control measures for membrane manufacturing, module assembly processes and product quality assurance. They will be responsible for ensuring that every saleable product performs in the expected manner. This person will have an outstanding attention to detail, be hands on with conducting inspections and tests, and collaborate seamlessly with cross-functional teams.

Responsibilities

- Develop and implement quality control procedures and policies specific to our membrane manufacturing processes and final membrane module assemblies.
- Conduct regular inspections and tests to ensure compliance with industry standards, customer specifications, and internal quality requirements.
- Collaborate with production teams to identify areas for process improvement and recommend corrective actions to enhance product quality and efficiency.
- Perform root cause analysis for quality issues, identify trends, and implement preventive measures to minimize defects and non-conformities.
- Maintain accurate and comprehensive documentation of quality control activities, including inspection reports, test results, and quality assurance records.
- Lead and organize the activities of other quality control and assurance team member(s) towards shared goals
- Train and educate production personnel on quality control procedures, standards, and best practices.
- Coordinate with suppliers to ensure the quality of incoming raw materials and components, including conducting supplier audits and inspections.
- Participate in cross-functional teams to develop and implement quality control plans for new product introductions and process changes.
- Collaborate with customer service and technical support teams to investigate and resolve customer complaints or quality issues, ensuring timely and effective solutions.
- Stay updated with industry trends, technological advancements, and regulatory requirements related to membrane manufacturing and quality control.

Required Qualifications & Skills

- Bachelor's degree in Engineering. A specialization in materials science, chemical engineering, or quality engineering is preferred.
- Minimum 5 years of experience in quality control and/or quality assurance within a manufacturing environment.
- Strong knowledge of quality management systems, tools, and methodologies such as statistical process control (SPC), and failure mode and effects analysis (FMEA).
- Excellent analytical and problem-solving skills, with the ability to identify trends, perform root cause analysis, and implement corrective actions.
- Detail-oriented mindset and a commitment to maintaining high standards of quality.
- Effective communication and interpersonal skills to collaborate with cross-functional teams and interact with suppliers and customers.
- Ability to work independently and manage multiple priorities in a fast-paced manufacturing environment.
- Strong organizational skills and attention to detail to maintain accurate documentation and records.
- Collaborative approach to teamwork and team building

Preferred Qualifications & Skills

Experience with:

- Both quality control and quality assurance best practices
- Membrane inspection techniques and instruments
- Roll-to-roll coating processes or other material handling processes
- Electro-chemical membrane-based processes & testing
- Hardware assembly and testing
- Ion exchange membranes, how they are characterized (FTIR, ion exchange capacity, permselectivity, etc.) and how they are employed in electrodialysis.

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