



## Our team is looking for a *QC Manager*

### **WE ARE...**

a carefully cultivated team of seasoned battery industry geeks who know inside and out how batteries have always been made. We're passionate about power. No, not that kind of power. We know how batteries should work and more importantly, what keeps them from working as well as they could.

### **THAT'S WHY...**

we knew we had to shake-up how batteries were made if we were going to make YOU a better battery. You know that old saying – doing the same thing over and over and expecting different results is the definition of insanity? Well, that's what other companies have been doing with Lithium Ion for over 30 years. Which is insane.

### **SO WE...**

Re-imagined not just how batteries are made but what makes them. We joined merged two technologies that no one's merged before and the results are a battery that's simply remarkable. And yeah, we're a little cocky about it. We make your batteries are safer and stronger – so your products can protect their users and outlast the competition. They're lighter and more rugged – removing design barriers you've had to live with for way too long.

### **AND WE...**

Do it all right here from 20,000 square feet in Maryland. Imagine that – shaping the future right here in the U.S.A. America's always been a powerful place. We're delighted to be a part of powering America's next-generation of possibility.

## **TAP INTO THE POWER OF ION**

### **Want to apply? Get in touch today**

Please send us your resume and cover letter to [jobs@ionstoragesystems.com](mailto:jobs@ionstoragesystems.com)

## What you'll be doing (Role)

Quality Control Manager will be responsible for leading the Quality Lab operations for the company. The QC Manager will be qualified in analytical chemistry and responsible for day-to-day management of the Quality Control Lab. This position leads the day-to-day analytical evaluation and testing of raw materials, in-process components and products, and finished goods to ensure that materials meet or exceed stakeholder and product specifications. Ensures the accuracy and reliability of all analytical testing and the correctness of specifications for both raw materials and finished goods. Demonstrates technical competence and can resolve testing and instrumental issues.

## You will be responsible for... (Job Description)

- Activities involved in conducting testing, validation, raw material, process intermediates and finished product samples, and is knowledgeable in the analytical techniques for the laboratory(s) they are accountable for. Techniques include surface profiling, XRD, ICP-OES, BET, PSD, TGA, and other chemical analyses as deemed necessary for product qualification
- Updating SOPs, Process Specific Training Modules, Test Methods, etc.
- Performing lab work accurately and in a timely fashion.
- Critically evaluating data generated and recommending acceptance or rejection of samples.
- Maintain records, develop productivity improvement plans, maintain adequate inventory of supplies, training records, tracking functions such as corrective actions, special projects, etc.
- Partnering with Ceramics and Cell Development teams as needed to resolve technical problems.
- Lead deviation investigations, out-of-trend results, and test failures associated with product manufacture, release testing, and stability testing.
- Improving laboratory quality and continuous improvement and efficiency of measurements
- Promotes teamwork and open communication.
- Training personnel to ensure Lab staff are proficient and qualified to perform duties, while complying with departmental policies and procedures.

## What we need from you (Required Qualifications)

- Effectively interact with Ceramics Production and Cell Development teams to maintain quality of incoming goods and manufactured finished products.
- Maintain Quality Laboratory results, procedures, equipment, including Calibrations and Verifications.
- Monitor adherence to product specifications. Disposition of all out of spec product and notification of all concerned.
- Act as a technical resource for operational group regarding product compliance.
- Monitoring and documenting process and product controls.
- Maintaining SOPs relating to product Quality, Safety and Security.
- Monitoring plant performance by gathering relevant data and producing statistical reports including stakeholder complaints and out of specification products and processes.
- Ensuring that all operational management and Corporate Quality notified in the event of out of normal issues.
- Identifying Root Cause and Corrective Actions and follow ups.
- Ensuring all laboratory tests and calibration procedures are properly understood & carried out.
- Supervising technical staff in carrying out tests and checks.
- Writing technical and quality systems reports.
- Perform periodic audits
- Manage and maintain the site's quality inspection and product release programs for incoming and in-process materials and components, processes, and finished goods.

## What skills & experience you'll bring to us (Required Skills)

- 7-10 years' experience working in a Quality lab.
- 3 + years managing technician level staff is preferred.
- Prior experience in a manufacturing laboratory environment is a plus.
- Knowledge and use of SPC techniques and statistical analysis programs such as JMP
- Knowledge of LIMS systems
- Experience in performing QC auditing.
- In-Depth familiarity with the following Analytical Methods:
  - XRD
  - ICP-OES
  - BET Surface area measurement
  - Particle size analyzers
  - UV-Visible Spectroscopy
  - TGA
  - Auto-titrators
  - Optical profilometers
- Ability to prioritize and independently work on multiple assignments without missing deadlines.
- Good interpersonal skills that promote collaboration.
- Willingness to proactively identify and propose solutions for quality problems.
- Highly proficient in common computer applications.
- Ability to lead a team and develop talent.
- Good written and verbal skills.
- Ability to work in a team environment.
- Must have good mathematical and analytical skills.
- The ability to meet deadlines and targets.
- Must understand Production Schedules.

## Education

- Bachelor's degree in Analytical Chemistry, or related science.

## Safety

- Display and promote positive safety behaviours at all times; use proper personal protective equipment, appropriate safety tools, equipment and procedures to ensure that self and others go home safe each day; that area and equipment operate at the highest safety levels; that all people in the area (lab techs, quality personnel, maintenance, visitors, contractors, etc.) comply with the safety directives and keep the area neat and clean.
- Ensures incidents are investigated, reported, and risks are assessed in a timely basis.
- Acts in such a way that safety awareness & accident prevention are considered in performing all tasks.
- Shows leadership by working to EHS standards and encouraging colleagues to work to the same standards.
- Ability to follow COVID 19 protocols including wearing a mask.
- Ability to climb stairs from time-to-time and occasionally lift up to 45 pounds.
- Ability to wear a fitted or powered air respirator from time-to-time as required by company policy.
- Ability to work around magnets from time-to-time.

## **Work Environment**

- Chemical Laboratory
- Pilot-Scale Manufacturing Environments

## **Benefits**

- Immediate eligibility for company medical, dental, and vision insurance benefits.
- Paid Time Off and Paid Company Holidays
- Stock Options

This role does not offer sponsorship for work authorization. Applicants must be eligible to work in the US.