



JOB DESCRIPTION – Engineering and Operations Manager

Battery Resources (BR) is a startup technology company commercializing its patented low-cost process for producing high quality cathode active materials from spent lithium ion batteries. With successful operation of our Worcester Massachusetts demonstration plant and strong relationships throughout the electric vehicle supply chain we are building out our team to execute our 1st of multiple production scale manufacturing plants starting in 2021.

Job Description: The Engineering and Operations Manager reports to the Chief Technical Officer and will be responsible for managing all plant operations for our Novi, Michigan cathode demonstration plant. This position has the responsibility to produce and supply quality cathode powders to our customers by successfully managing the sites people, equipment, processes, and materials. In addition to production for customer demand this facility is also responsible for providing a stable and reliable, yet flexible environment for the demonstration, scaling, and troubleshooting of new materials and technologies coming out of our R&D line. This role will also oversee day to day operations of the Novi analytical and product test operations.

Responsibilities:

- Use of traditional APQP and best practice tools such as PFD, DFMEA, PFMEA, SPC, and control plan
- Provide hands on engineering support for the installation, ramp, troubleshooting, and optimization of the cathode line.
- Hiring, leadership, and safety for the site engineering, test, and production staff.
- Production planning, execution, and reporting.
- Raw materials planning including the cathode precursor supply and product quality coordination with the Worcester Engineering and Operations Manager
- Direct interface with site landlord for day to day planning and issues resolution
- Coordination of site issues with required regulatory bodies such as OSHA, DEP, EPA, Novi FD, etc.
- Design and execution of development and production plant continuous improvement projects in support of new product or process introduction projects.
- Development of mass and thermal balance, equipment list, utility matrix, and layouts in support of new production line or plant level projects
- Creation of standard operating procedures, maintenance plans, and troubleshooting guides.
- Observe all company, state and federal safety and environmental regulations
- The responsibility for actively promoting a workplace free of discrimination and harassment.



Qualifications and experience:

- Minimum of a BS in Chemical or relevant Engineering discipline and 5+ years of applicable experience (Process Engineering, Pilot or Plant Management Experience)
- Materials Engineering experience required, powder handling engineering a plus
- Ability to balance hands on engineering responsibilities with team leadership in a flexible and lightly staffed demonstration plant.
- Demonstrated success leading production teams
- Knowledge of lithium ion battery materials or materials synthesis a plus

Physical and Environmental Requirements:

- Capable of wearing task specific personal protective equipment including dust mask, respirator, safety shoes, gloves, and safety glasses/face shield
- Capable of meeting OSHA standards for manual lifting guidelines: < 50lbs
- While performing the duties of this job it is required to stand, walk, and use hands to operate objects, tools, or controls; reach with hands or arms; climb, balance, stoop, kneel, or crouch when necessary for job activity.

We offer a competitive salary and full benefits package

Read about Battery Resources:

<http://www.masscec.com/about-masscec/news/baker-polito-administration-announces-200000-grants-early-stage-clean-energy>

<http://www.uscar.org/guest/news/895/Press-Release-USABC-AWARDS-140-000-Li-ION-BATTERY-RECYCLING-CONTRACT-TO-BATTERY-RESOURCES>