



September 18, 2018

The Company:

Natron Energy is a battery technology start up company that has developed unique hardware solutions delivering high power, long cycle life, and industry-leading safety at a very low cost. Natron's battery packs can be fully discharged in as little as one minute and fully recharged in less than ten minutes. They have a proven deep discharge cycle life of over sixty thousand cycles. They are nonflammable, contain no lead or acid, and survive electrical faults with no damage. These characteristics result in a unique value proposition for stationary applications including data center UPS, fast charge forklifts, EV fast charging support, and behind-the-meter grid applications. Today, Natron's rack mounted battery packs are in customer validation testing by world leading system integrators and data center operators.

To achieve this unique performance, Natron developed a new battery cell chemistry based on Prussian blue electrodes and a sodium-ion electrolyte. Prussian blue is a commodity consumer product pigment that has a unique crystal structure capable of absorbing and releasing charge more rapidly and reversibly than any other battery electrode. Natron's proprietary grades of Prussian blue delivery world class battery performance from a materials commodity retailing at 1/10th the cost of conventional electrode materials.

Natron is headquartered in Santa Clara, California. It has forty employees. Natron is backed by four leading venture capital firms and has received support from ARPA-E.

The Position:

Natron seeks a Process Chemistry Research Associate to assist the development and production of active materials used in its batteries. Under limited supervision, the candidate will work in a small team to execute the preparation and manufacturing of R&D, Kilo-Lab and eventually pilot scale runs of Prussian blue electrode materials.

Responsibilities:

- Follow materials synthesis and processing SOPs and adhere to all safety and company policies while performing more advanced laboratory services.
- Senior Technician is multi-skilled and develops skills in multiple products/departments.
- Works with a limited degree of supervision.
- Cleaning work area including floors, walls, tables, etc.
- Prepare, clean glassware and equipment for use.
- Concurrent record keeping including charts, log books, and all pertinent documentation.
- Assist in monitoring and requisitioning laboratory supplies.
- Report all unusual, non-routine occurrences when performing tasks.

- May be responsible for accumulation, labeling and management of hazardous wastes, as appropriate to their area, providing they are properly trained prior to assignment.
- Assist in training new team members.
- Assist in reviewing and developing SOPs, Production Outlines, Special Outlines.
- Assist in reviewing production records and entering technical data into required system.

Experience and Skills:

- A college degree is preferred but not required with at least 3 years of industrial experience in R&D/Process chemistry.
- Knowledge of or ability to learn various chemical processes.
- Familiar with the operations involving large glass reactors, filtration units, vacuum ovens.
- Ability to lift up to 50lbs.
- Working knowledge of pigments and nanoparticles synthesis is desired.

Logistics:

- Seniority: this is a hands-on technical position with limited supervision.
- Compensation: competitive with other research associate positions in industry.
- Hours and duration: this is a full time, permanent position.
- Location: on site full time in Santa Clara, CA.

Contact Information:

- jobs@natron.energy