

Lab Manager / Sr. Lab Technician

Company Purpose

At Lithium Nevada Corp. (LNC), We are on a mission to deliver lithium to the world in the most efficient, responsible, and profitable ways possible. We are looking for people with ambition, energy, and talent to join our team.

Role

The Analytical Laboratory Manager / Sr. Lab Technician is responsible for operating state-of-the-art laboratory equipment in addition to developing analytical procedures for LNC's process testing facility in Reno, NV. The role will work closely with the engineering team to coordinate sampling, measurements, and data analysis to support the development of LNC's Thacker Pass Project. The role will also develop and validate SOPs that will be used in the proposed commercial processing facility in Humboldt County, NV. Initially, there will be a significant effort to implement a LIMS system and coordinate data flow to a shared database. The role will also oversee chemical inventory, ordering supplies, and coordinating instrument maintenance and troubleshooting. Candidates for the role should be technologists at heart and enjoy pursuing state-of-the-art analytical laboratory instruments and techniques while feeling comfortable working in a team that moves fast and changes directions quickly.

Responsibilities

As a key member of the process development team, we look for the role to deliver on the following:

- Develop and validate SOPs for analyses including sample digestions, ICP-OES, pH and ion titrations, size fraction analysis and others.
- Facilitate LIMS implementation and manage data flow.
- Create QC protocols for all analyses.
- Manage day-to-day activity in lab including reagent ordering and tracking, equipment maintenance, sample processing, general lab cleanliness etc.
- Quickly process daily samples.
- Assist in data interpretation and discussion with the engineering team.
- Advise on new analytical techniques.
- Take a leadership role in obtaining ISO 9001/14001 certification.
- Take a leadership role in designing a world class laboratory facility at the commercial plant.
- Take a leadership role in designing and implementing a LIMS system for the commercial plant.
- Attract and hire talented laboratory technicians to staff the laboratory at the commercial plant.

Job Qualifications

Required

- Prior experience in an analytical laboratory (metallurgical/process lab a plus but not necessary) with a LIMS system.
- Solid understanding of inorganic chemistry.
- Familiarity with QC protocols and statistical analysis of data.
- Ability to operate analytical instrumentation and troubleshoot issues as they arise. Examples include an Agilent 5110 VDV ICP-OES and a Metrohm Titrotherm.
- Good communication skills with the ability to convey ideas to non-technical team members.
- Demonstrated ability in handling data flow and processing large amounts of samples.
- Positive attitude and motivation to complete tasks independently.
- Willingness to contribute ideas and positive critique to the team.
- Flexibility on shift hours if needed.
- Openness to additional training and professional development. The position will be required to obtain a Lean Six Sigma Blackbelt, paid for by LNC, with some coursework completed during non-work hours.
- Represent LNC in various laboratory and quality management trade organizations.

Please submit your resume, references, and a short note as to your motivations on why you'd like to pursue this role to: HR@lithiumamericas.com.

Lithium Nevada Corp. (LNC) is a subsidiary of Lithium Americas Corp. (LAC). LAC is an equal opportunity employer. LAC is a Canadian listed public company with two advanced lithium development projects in Argentina and Nevada, USA.

Posted / updated: 2019-03-25