



Storing electricity in metal

e-Zinc Inc.
25 Advance Road
Toronto, Ontario
M8Z 2S6

Chemical Process Technologist

About e-Zinc

e-Zinc is an energy storage startup based in Toronto with a breakthrough technology poised to disrupt the market. As the global energy grid moves to higher levels of penetration of renewable energy, there will be an exponential increase in demand for low-cost, flexible, long-duration energy storage. This is the market targeted by e-Zinc, the first in the world to “metalize” electricity. e-Zinc technology is also fire resistant, made of fully recyclable materials, does not rely on precious metals, and has a fast response time.

e-Zinc has recently won several awards for its technology and business plan including:

- [Raised \\$3.5M in an oversubscribed round and was featured in Greentech Media](#)
- [Won a \\$1.6M grant through Breakthrough Energy Solutions Canada](#)
- Won a \$2M grant from SDTC
- [Won a USD \\$1.3M grant through California Energy Commission](#)
- [Named to Cleantech Group's Top 50 companies to watch](#)
- [Won a \\$700k grant as a finalist in NRCan's Charging the Future Challenge](#)
- [Raised \\$2.3M in a private round funded by BDC Capital](#)

This promising cleantech venture is now looking to expand its talented team to bring its technology to market to support the renewable energy transformation.

Opportunity

e-Zinc is searching for a talented Chemical Process Technologist to work with the Technology Development department. This is a rare opportunity that will provide a platform for the right person to help shape a young company's technology and contribute meaningfully to its success. The ideal candidate will appreciate this because they thrive in a challenging situation, is intelligent and technically savvy, has a passion for success, and will stop at nothing to ensure we achieve our goals collaboratively and collectively.

Accountability

Reporting to the Air Cathode Team Lead, the Chemical Process Technologist will be responsible for meeting daily production targets for air cathodes, performing quality control tests, troubleshooting issues encountered in process scale-up, and logging and reporting production related data included but not limited to daily production run, inventory and yield. The candidate will have a scientific mental acumen, the ability to understand the process in its entirety and the implications of critical process steps. The candidate will have excellent judgement, attention to



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detail, written communication skills, and be able to prioritize tasks in the context of meeting key results and objectives that have been collaboratively set by themselves and their manager. The candidate will also be expected to come up with solutions to problems encountered in manufacturing this critical component and communicating problems and ideas effectively to the entire air cathode team.

Position scope and responsibilities

- Use manual and automated chemical process and film coating equipment to meet daily production targets.
- Run quality control test on produced raw materials and produced air cathodes.
- Compile production reports.
- Keep inventory of stock (raw materials and product).
- Report and troubleshoot problems encountered in the production process.
- Providing technical input to team members.
- Maintaining safe environment for yourself and others.

Qualifications

Required:

- Minimum of a technical college degree.
- Superior time management and organizational skills.
- A self-starter and adaptive learner.
- Must be legally eligible to work in Canada.
- Disciplined, hard working and result oriented
- Exceptional communication skills – verbal, written and presentation skills.
- High level of maturity, integrity and personal effectiveness.
- Personal accountability and commitment to achieving and exceeding goals and objectives.

An Asset:

- Experience in a chemical environment is an asset.
- Experience in a coatings environment such as screen printing, slot-die coating, or electrode manufacturing is considered a strong asset.

Other Skills

- Motivated to strive and succeed in a start-up environment.
- Disciplined and hard working.
- Exceptional communications skills – oral, written, and presentation skills.
- High level of maturity, integrity and personal effectiveness.
- Personal accountability and commitment to achieving and exceeding goals and objectives.



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Application Deadline

Please send resumes and cover letters via email using “Chemical Process Technologist” the subject line to: careers@e-zinc.ca and address you cover letter to Sannan Toor, Senior R&D Scientist - Air Cathode Team Lead.

Due to a high volume of applicants, please make our job easy to identify you as a match for this role. In your cover letter please explain your interest in the position and how your skills and experience are a match to the job description.

Applications will be reviewed and interviews will be held on a rolling basis as applications comes in. The position will be filled as soon as the right candidate is found. We thank all applicants for their submission, but only those selected for an interview will be contacted.

Please apply ASAP if you are a strong fit to the requirements of this role.