

Job Title: Director, Technology
Department: Technology
Location: Wallingford, CT

Nel Hydrogen

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Hydrogen... the most abundant element in the universe is your ticket to a rewarding future. Every day there are reports of how hydrogen (produced by water electrolysis and renewable energy sources) is displacing fossil fuels, reducing greenhouse gasses, and helping to revitalize our planet.

Nel Hydrogen is the global leader in on-site hydrogen generation and the largest electrolyser manufacturer in the world. Armed with a full portfolio of water electrolysers and hydrogen fueling station technologies, Nel Hydrogen is leading the charge into the new green hydrogen economy.

If you are driven by personal initiative combined with loyalty and commitment to your team and the ability to convert complex issues into simple solutions, then we want to talk to you. Help make the world a better place. Join a company that is on the cutting edge of new energy innovations, with an energized, progressive culture.

POSITION SUMMARY

Makes strategic improvements with overall project portfolio and execution of next generation materials and process through planning and executing projects: support continued growth, quality and efficiency. Strengthens the team; coach and develop; build capable and accountable team.

RESPONSIBILITIES:

- Contribute to and implement the technology vision for the organization. Undertake the necessary steps to achieve short-term and long-term business objectives.
- Execute materials and manufacturing elements of next generation PEM electrolysis roadmap – develop, execute all phases of project cycles and monitor projects to achieve both near term and long-term milestones.
- Continuously evaluate and implement process improvements with technology, production, quality results, cost reductions, delivery time, and get changes implemented.
- Identify problems, issues and patterns; determine the root cause of the problems, develop improved processes and solutions; and work with the team to implement improvements.
- Ensure R&D projects follow the design and development process and are managed through an Engineering Project Plan, including milestones, budget expectations, risk mitigation, and reporting of KPIs.
- Develop staff. Strong coaching, and ability to comfortably provide feedback on a regular basis, and manage performance evaluations. Train staff on new methods and technologies.
- Delegate and empower staff to work through structured problem-solving approaches and hold team accountable for meeting objectives.
- Provide guidance on alkaline and PEM material suppliers and state of the art technology
- Assist in TCO analysis and competitive assessments.

- Participate in international technical activities around electrolysis technology (benchmarking, protocols, etc.). Committee participation for funding direction.
- Implement and conduct effective meetings.

QUALIFICATIONS:

Education:

Advanced Degree in Chemistry, Chemical or Mechanical Engineering or similar technical field.
Doctorate Degree preferred.

Required Skills and Abilities:

- Minimum of 10 Years in electrochemical device and materials experience including knowledge of water electrolyzers and related technologies.
- Proven experience and knowledge, to know what and how to make improvements (technical, system, people) and implement improvements.
- Proven track record to drive complex, multi-partner research projects to completion on time and on budget.
- Ability to supervise and train staff, including organizing, prioritizing, and scheduling work assignments.
- Ability to develop, plan and implement short- and long-range goals.
- Excellent client-facing and internal written and verbal communication skills.
- Strong working knowledge of Microsoft Office, including MS Project.

Competencies:

- Collaborative
- Decisive
- Be able to shift priorities
- Proactive
- Sense of urgency
- Drive for results
- Assertive
- Leadership
- Be able to make tough decisions
- Keep emotions under check
- Ownership
- Ethical

Physical Requirements:

- Prolonged periods sitting at a desk and working on a computer.

The above statements reflect the principal functions of the position and shall not be construed as a detailed description of all work requirements that may be inherent in the job.

Nel Hydrogen provides comprehensive health and insurance benefits for its employees as well as a stock option plan. The Company offers competitive paid vacation time, sick leave, and holidays.

The Company has a published Code of Conduct that all employees are expected to follow.

We are an equal opportunity employer and all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, disability status, protected veteran status, or any other characteristic protected by law. All employment is decided based on qualifications, merit, and business need.

To apply, please e-mail your cover letter and resumé to: nelctcareers@nelhydrogen.com.