

Department: Manufacturing
Position Title: Chemical Lab Technician
Location: Wallingford, CT
Salary: \$55k – \$60k

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 on how (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, the largest electrolyzer manufacturer in the world. Armed with a full portfolio of water electrolyzers 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:

An immediate opportunity exists for a Chemical Lab Technician to work in an exciting team environment within the Engineering Department of Nel Hydrogen. This position will require working closely with cross-functional teams to perform laboratory tasks and electrochemical cell testing. Projects range from mixing and applying inks, processing polymer membranes, assembling test cells, and collecting and summarizing electrochemical test data.

Responsibilities:

- Executes test plans related to material evaluation and electrochemical performance.
- Prepares solutions for electrolyte testing, membrane processing, and ink printing.
- Fabricates electrode components such as applying catalyst layers on substrates, die cutting gaskets and porous materials, and assembling multi-layer components.
- Assembles test cells, connects to electrochemical test stations, and takes data over a defined parameter range.
- Summarizes test results in graphs, Power Point charts, and written reports.

- Supports manufacturing group in testing of non-conforming product and analyzing components from field returns.
- Capable of working well in a multi-disciplinary team environment.

Minimum Qualifications:

- 3-5 years' experience working in a laboratory environment
- Experience working hands on in a chemical or materials laboratory
- Knowledge of chemical safety data sheets (SDS) and awareness of safe laboratory practices
- Motivated self-starter with high level of initiative and willingness to suggest improvements
- Excellent verbal and written communication skills
- Strong organizational skills and ability to balance multiple tasks
- Capable of working well in a multi-disciplinary team environment with high degree of collaboration
- Experience working with electrochemical devices desired

Education and/or Experience:

- Associate's or Bachelor's degree in Chemistry.

Competencies:

- Planning and Organizing
- Time Management; priority goals
- Problem Solving Skills
- Attention to Detail
- Positive Attitude
- Independent decision-making capabilities
- Team Player
- Communication-verbal and written
- Multi-taking
- Collaboration

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.

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

Visas

- Nel will only employ those who are legally authorized to work in the United States. This is not a position for which sponsorship will be provided.
- Individuals with temporary visas such as E, F-1, H-1, H-2, L, B, J, or TN or who need sponsorship for work authorization now or in the future, are not eligible for hire.

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 resumé to: nelctcareers@nelhydrogen.com