

Job Title: Manufacturing Engineer
Department: Manufacturing
Location: Wallingford, CT
Salary: \$85k – \$95k

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 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 highly skilled candidate experienced in manufacturing engineering and project execution. The individual should have strong experience in owning best practices, managing manufacturing builds and testing activities, developing new work cells, and implementing design changes transitioned from Engineering including documentation of work instructions and standard operating procedures.

RESPONSIBILITIES:

- Analyze assembly, fabrication, machining, new materials, equipment, and other processes in support of Production.
- Develop and optimize continuous production and manufacturing processes to achieve the output, quality, and cost goals of the organization.
- Maximize efficiency by optimization of work cell arrangements, layout of equipment, workflow, assembly methods, and work force utilization.
- Introduce new manufacturing processes including evaluation and implementation of methods for mistake-proofing during volume production.
- Maintain work instructions and test plans that assemblers can follow detailing specific instructions to produce quality product.
- Determine the equipment, tools, and processes needed to achieve manufacturing goals according to product specifications.
- Participate in tracking and resolution of recurring nonconformances (elephant charts) including evaluation/disposition of non-conforming material and reporting of scrap data.
- Contribute towards the development of ideas to implement automation/robotics into manufacturing process as production volumes grow.
- In collaboration with product development teams, process Engineering Changes identified during product manufacturing.

QUALIFICATIONS:

Education:

- Bachelor's degree in Electrical/Mechanical Engineering

Required Skills and Abilities:

- 5+ years of related experience in manufacturing industry (electrochemical devices, fuel cells, seals, heat exchangers, flow plates, precision components).
- Ability to work with, diagnose, and resolve issues with electromechanical equipment.
- Motivated self-starter with high level of initiative and creative approach to problem solving.
- 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.
- Proven history in supporting manufacturing testing and operations.
- Strong working knowledge of Microsoft Office; familiarity with ERP is a plus.
- Familiarity with data acquisition systems is preferred.
- Systematic problem-solving skills, 8D analysis, root cause analysis
- Experience with 6 DOF, SCARA or pick-and-place robotics is a plus.

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.

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.

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 cover letter and resumé to: nelctcareers@nelhydrogen.com.