

Job Title: Senior Mechanical Systems Engineer
Location: Wallingford, CT

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.

Nel Hydrogen

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RESPONSIBILITIES:

Project Management

- Manage Key Elements of Product Development Efforts related to Large Electrolyzers
- Manage customization requests to standard products, including documentation release
- Manage standardization of common ancillary equipment requested by customers
- As applicable, track budget, schedule, and product costs; includes input into resource management planning

Product Development

- Detailed System Modeling
- Sub-System Design & Component Selection
- Prototype Build & Test Support
- Support Serial Production Unit builds
- Perform FMEA and reliability analyses
- Implement product changes and retrofits based on field feedback
- Support system and customer HAZOP activities

Field Support

- Escalation point for Field Issues
- Detailed Root Cause Analysis including test protocol development and issue resolution implementation

Project Support

- Support Total Cost of Ownership (TCO) and efficiency-related modeling
- Estimating Product Customization Costs, schedule, Engineering efforts
- Review of detailed customer specifications to support Projects

QUALIFICATIONS:

Education:

Bachelor's degree in Mechanical Engineering or related field

Required Skills and Abilities:

- 8-12 years of industry related experience (Hydrogen systems (preferred), chemical processing, gas and liquid delivery, or water treatment systems).
- Commercial products or plant design experience preferred.
- Understanding of sub-system operational characteristics and potential interactions that influence overall product/system performance.
- Experience with FMEA and reliability analyses techniques
- 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
- Experience working with electromechanical devices is a plus
- Ability to develop, plan and implement short- and long-range tasks
- Strong working knowledge of Microsoft Office; familiarity with ERP is a plus
- Limited travel could be required to vendor or customer sites

Competencies:

- Attention to Detail/Accuracy
- Problem Solving Skills
- Communication
- Time Management; priority goals
- Critical Evaluation
- Relationship Management
- Consultation
- Ethical Practice

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 We are an equal opportunity employer-M/F/Disabled/Veteran 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.