

**Nel Hydrogen**

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Job Title: Engineer, Product Safety / Regulatory Compliance  
Department: Operations  
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 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

The Product Safety / Regulatory Compliance Engineer is responsible for interfacing with internal customers to assure product safety and regulatory compliance during new design development and enhancements to existing designs. This engineer works directly with Nationally Recognized Testing Laboratories (NRTLs), Notified Bodies, and other third party certification agencies to acquire and maintain certifications for new and existing products. This Engineer will ensure that required technical file documentation, Declarations of Conformity (DoCs), PED and ATEX certifications, and NRTL certifications are developed, obtained, and managed.

## RESPONSIBILITIES:

- Interpret product safety standards and regulatory requirements in a product design and development environment to ensure the resultant products are safe, and code & standards compliant.
- Advise design engineers on compliance options and impact of design decisions
- Coordinate NRTL & Notified Body product testing including assessing and communicating all issues of non-compliance as they are identified during testing.
- Maintain all current technical file documentation and assist in all NRTL & Notified Body follow-up audits .
- Propose, coordinate, and direct tests to verify product compliance and safety.
- Propose effective corrective actions, as necessary.
- Conduct and Document HAZOPs and Risk Assessments.
- Perform high level Hazardous Area Evaluations for Proposed Product Construction and Siting.

- Participate in or provide guidance to Codes / Standards Committees (represent Company).
- Remain current on relevant codes & standards to support product safety and compliance for both new and existing products.

#### QUALIFICATIONS:

##### Education:

Bachelor's degree in Engineering or equivalent

##### Required Skills and Abilities:

- Experience in Product Safety and Code Compliance
- Ability to define problems, interpret data, establish facts, and draw valid conclusions.
- Apply principles of logical or scientific thinking to a wide range of conceptual and practical problems.
- Function as a "team player" and work constructively and cooperatively with all departments in the best interests of the business.
- Excellent written and verbal communication needed for interactions with both internal and external customers.
- Must be self-motivated able to manage a variety of projects simultaneously and prioritize workflow.
- Must be highly organized, detail-oriented, accurate, and timely.
- Working knowledge of Microsoft Suite (Word, Excel, PowerPoint, Teams) required.

##### Preferred Skills and Abilities:

- Minimum of 4 years of experience
- Working knowledge of regulatory compliance processes involving regulatory bodies, product standards, product certifications and marking.
- Familiarity with the following codes & standards:
  - ISO 22734
  - CE Directives including:
    - 2014/34/EU, ATEX
    - 2014/68/EU, PED
    - 2006/42/EU, Machinery
    - 2014/30/EU, EMC
  - NFPA 79 or NFPA 70 (NEC)
  - ASME BPVC
  - ASME B31
  - IEC 61010-1
  - NFPA 2
  - ICC codes (IFC, IBC, etc.)
- Working knowledge of safety testing equipment and certifying agency techniques for the purpose of compliance testing.

- Experience with risk assessments such as HAZOPs, PHAs, DFMEAs and/or PFMEAs.
  - Experience with PHA Pro software.
- Experience with Hydrogen Generation, Fuel Cell, Fuel Gas Related Equipment, or Petrochemical industry

Competencies:

- Attention to Detail/Accuracy
- Problem Solving Skills
- Communication
- Compliance
- Critical Evaluation
- Relationship Management
- Consultation
- Ethical Practice.

Physical Requirements:

- Prolonged periods of sitting at a desk and working on a computer.
- Must be able to lift up to 15 pounds at a time.

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](mailto:nelctcareers@nelhydrogen.com).