



Technical Safety & Compliance Engineer

32-40 hours per week
Arnhem, The Netherlands

Do you want to power the energy transition?

Are you a team player; ready, able and willing to take on varied and complex challenges?

As one of the most innovative and fast-growing companies in The Netherlands, Elestor offers exciting and competitive career opportunities with plenty of scope for both personal and professional development.

Elestor has a job opportunity for a:

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Elestor's Mission & Relevance

Imagine a world without polluting power plants, powered purely by clean electricity.

This world is closer than you think. The sun and the wind are powerful enough, and so are the technologies to harvest their energy. However, possibilities to store renewable energy (sustainably, cost-effectively) are lacking; Long-Duration Electricity Storage (LDES) is “the missing link” in the energy transition.

It is Elestor’s mission to cut the cost of electricity storage. We develop large-scale, cost-effective HBr storage technologies that are carbon neutral and durable, thereby unifying the interests of the planet, people, and business profitability.

Elestor - Facts & Figures

Long Duration Electricity Storage deep tech company

- Winner of several (inter-)national awards

Ultra rapid growth path; Elestor is expanding in every direction

- Passionate team of 35 highly skilled professionals with the ambition to increase towards 100 fte within two years
- Closed €30M funding round in August 2022

Concrete and very fast-growing international market pull

- Agreements with clients strategically adopting the innovative storage technology in commercial settings

Technology & Roadmap

Elestor has been recognised as 1 of the 10 most innovative companies in the Netherlands by both the University of Amsterdam and the Dutch Chamber of Commerce. Our revolutionary low-cost flow battery systems have received several (inter)national awards in recognition of our ability to reduce the cost of storing electricity to an absolute minimum. For more understanding, feel free to visit our [website](#). Here we'll explain more about the underlying fundamentals and the triple cost reduction strategy, making Elestor's solution unique on the world stage.

Elestor is backed by a €30 million investment and is now ready to implement an ultra-rapid growth strategy to accelerate the commercialisation and operationalization of its proven hydrogen bromine flow battery technology. The segment is expected to represent a market potential of approximately €20 billion by 2025. The international market pull is already concrete and very fast growing!

People & Growth

At Elestor you will be in the middle of genuinely unprecedented developments, made possible by an international group of researchers and engineers of remarkable talent and diversity. In future years, the company will expand literally in every direction. In anticipation of this steep growth, Elestor will look forward to meeting sincere, thoughtful, and entrepreneurial individuals feeling energized to empower necessary change: towards a 100% clean electricity supply.

Elestor is an equal opportunities employer: We believe diversity aids creativity and innovation, so whatever your race, colour, nationality, national or ethnic origin, sex, gender, marital status, religion, age, sexual orientation or disability, you are welcome to join our ranks. We actively promote inclusion and we abhor discrimination. We treat all our employees, contractors, workers, job applicants, suppliers, clients and everyone else with respect.

Position

As Technical Safety and Compliance Engineer you are involved in all Elestor's safety related activities. You will define and implement all technical safety matters, ranging from large-scale client projects to internal company safety related improvements. You coordinate external safety studies and lead the way to ensure compliance with all relevant norms and codes. As team member of the Elestor HSE (Health, Safety & Environment) team your role is key to embedding a healthy safety culture (personal safety and process safety). You report to the Team Leader System Engineering.

Tasks & responsibilities

- Review implications of Seveso-III Directive (BRZO) for the Elestor projects and installations, drive related actions and advise customers where needed
- Responsible for definition and implementation of all compliance scope for meeting legal safety requirements across project portfolio (external and internal)
- Team member of the HSE team, supporting company-wide HSE related compliance and improvement activities related to personal safety and process safety
- Responsible for action management derived from safety studies
- Develop and implement long term strategies for safe working with bromine and hydrogen
- Actively build a strong network with industry & science partners around bromine related safety topics
- Coordinate QRA (Quantitative Risk Assessment) studies for client projects and internal projects
- Coordinate permitting processes and secure the validity of the License to Operate (for Elestor and customer support)
- Act as general technical safety advisor in project teams
- Review and approve internal Safety Documents
- Owner of the ATEX and Explosion Protection Documents
- Owner of Safety Critical Barriers
- Participate in safety studies (HAZOP, LOPA, SIL) with possibility to lead these studies





Profile

The ideal candidate has proven skills, knowledge of and experience with technical safety engineering, preferably with broader experience on implementing general safety policies. You are constructive yet not afraid to take a firm stand, and are uncompromisable regarding safety. The role requires solid engineering skills combined with a high degree of initiative. For Elestor's hydrogen-bromine flow battery many norms are still under development, which give you a unique opportunity to actively contribute and share your views, making a long-lasting impact.

You have strong communication skills with scientists and engineers of various disciplines. You are excellent in stress and time management and are able to keep working in a safe and structured way, while under pressure to meet deadlines and cost targets.

Education, skills and experience

- MSc. or BSc. in Chemical Engineering, Chemistry or Environmental Sciences
- 5+ years of relevant work experience (technical safety related)
- Relevant work experience in the field of Seveso/BRZO compliant industry
- Exemplary safety behaviours, role model for personal and process safety within the company
- An entrepreneurial mindset
- Fluent in English
- Elements considered an advantage:
 - Experience working with toxic chemicals
 - Experience working with hydrogen or industrial gases
 - Relevant work experience in the field of quantitative risk modelling



Our offer

Elestor offers an open, action-oriented and exciting working environment in a diverse and international team of highly skilled professionals. We have a flat management structure and offer many opportunities to excel and grow.

Terms of employment are competitive and include participation in a Stock Appreciation Rights (SAR) program. When we succeed, we all benefit. Especially in caring for what we share the most: a healthy planet.

How to apply

To apply for this position, please send your application with CV and motivation letter to hrm@elestor.nl



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