

Senior System Safety Engineer

For our customer in Zeeland we are in search for a **Senior System Safety Engineer**

Job description

Are you driven by a passion for ensuring the safety and dependability of advanced naval systems? A renowned shipbuilding company in Vlissingen is looking for an experienced System Safety Engineer to lead safety initiatives and guarantee compliance with top industry standards. If you have a solid foundation in safety engineering and enjoy collaborating with multidisciplinary teams, this opportunity is for you.

Key Responsibilities:

- ✓ Conducting in-depth hazard analyses, such as HAZOP, FTA, and FMEA, to identify potential risks within naval systems.
- ✓ Ensuring compliance with IEC 61508 and other relevant maritime safety standards.
- ✓ Developing and implementing effective risk mitigation strategies to ensure system reliability and safety.
- ✓ Documenting hazards systematically and assessing risks using an established risk matrix.
- ✓ Working closely with engineering teams to integrate safety requirements into system designs.
- ✓ Defining and documenting safety requirements specific to naval vessels.
- ✓ Maintaining clear and well-documented system safety processes that are accessible to the engineering team.
- ✓ Acting as the main point of contact for all system safety-related issues, both internally and with external stakeholders.
- ✓ Promoting a strong safety culture through awareness programs and professional development opportunities.
- ✓ Leading the system safety engineering team and integrating safety processes into standard operations.
- ✓ Mentoring team members and contributing to knowledge transfer and performance evaluations.
- ✓ Continuously improving departmental processes to enhance safety and performance.
- ✓ Adhering to and promoting all HSSEQ / IMED policies and procedures across the organization.

Your qualifications

- ✓ A Bachelor's or Master's degree in a relevant field and at least several years of experience in system safety engineering, preferably within shipbuilding or naval defense.
- ✓ A strong knowledge of safety analysis methodologies (e.g., HAZOP, FTA, FMEA), as well as functional safety standards such as IEC 61508 and MIL-Std-882E.
- ✓ Experience leading small, high-performing teams with excellent leadership and management capabilities.
- ✓ A solid understanding of mechanical, electrical, and automation systems engineering.
- ✓ Excellent communication skills with the ability to engage effectively with stakeholders.
- ✓ Proficiency in tools such as MS Office and Requirement Management Tools.

- ✓ Fluent in both Dutch and English, with German language skills considered a strong asset.
- ✓ Willingness to travel and work with international stakeholders as needed.

Key Competencies: Initiative, Integrity, Problem Solving, Decision-Making, and Stakeholder Management
- Building effective networks and maintaining strong relationships to achieve shared objectives.

- ✓ Excellent references are required as part of the security screening process.
- ✓ Permanent EU citizenship and passport are mandatory. Candidates with EU work visas or dual (EU and non-EU) nationality/passport are not eligible due to the military nature of the projects.

What we offer

[What do we Offer.](#)

Reference: 3413

Projectphase: Engineering

Discipline: Marine, Safety, Security

Position: Engineer

Function level: Senior

Region: (NL) Zeeland

Education: Master, Bachelor

Experience: 3-8 years, 15+ years

Type of contract: Intentional

Posted at: 14-01-2025

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