



Job Opportunity Safety and Environmental Engineer, Engineering Division

Job title	Safety and Environmental Engineer, Engineering Division
Reporting relationships	Reports to the ILS Team Leader, Engineering Division
Location	Winfrith, Dorset Innovation Park
Employment status	Contract/ Full Time (37 hours per week, Monday to Friday)

Scope & financial impact

The Safety and Environmental Engineer is responsible for creating and maintaining Safety and Environmental Cases for AEUK Products, Systems and Services (PSS) to ensure that all residual risks to personnel and the environment are deemed acceptably safe and environmentally compliant.

Tasks include:

- Managing and reporting of safety and environmental tasks.
- Support bidding activity by providing estimated costs and timescales for safety and environmental activities.
- Implementing and maintaining AEUK's Safety Engineering policy and process to ensure it meets the needs of AEUK and its customers and complies with relevant legislation.
- Work with Product Managers, System Design Authorities, Technical Leads, Integrated Logistic Support (ILS) Managers and the other Safety & Environmental Engineer to ensure that safety and environmental factors are considered for all PSS at every stage in the product lifecycle and that products are developed with safety and the environment as the highest priority.
- Work with system experts to uncover potential system safety and environmental issues.
- Monitoring of sub-contractor delivery against requirements and statement of work.

Knowledge, skills and personal qualities required:

- An academic qualification to at least first degree level in a relevant engineering-related discipline, or extensive experience in a marine engineering environment.
- Membership of a professional engineering organisation, or working towards Incorporated or Chartered Engineer registration.
- Working knowledge of submarines and or ships systems.
- Formal training in Safety and Environmental Management.
- Encourage a positive safety and environmental culture.
- Up-to-date with safety and environmental legislation, best practice, tools and techniques.
- Experience of the production of Safety and Environmental Cases in accordance with Defence Standard 00-055 and Defence Standard 00-056 or equivalent, and in accordance with the Acquisition Safety and Environmental Management System (ASEMS), Project Oriented Safety Management System (POSMS) and Project Oriented Environmental Management System (POEMS).

- Undertake Hazard Analysis including Hazard and Operability Study (HAZOPS), Structured What-If Technique (SWIFT), Fault Tree Analysis (FTA), Event Tree Analysis (ETA), Failure Modes, Effects and Criticality Analysis (FMECA), and Goal Structure Notation.
- Hazard management and hazard log tools.
- Knowledge and Use of Safety Databases (E-Cassandra).
- Undertake Environmental Impact Screening and Scoping (EISS) studies, Environmental Features Matrix (EFM) and the Environmental Impact Management (EIM).
- Software and data safety analysis including Safety Integrity Levels in accordance with IEC 61508 or equivalent.
- Knowledge of Data Integrity.
- Carry out technical reviews of safety and environmental output produced by other members of the team or by subcontractors.
- Manage the safety and environmental work packages across a number of projects to ensure the safety and environmental deliverables are delivered to time, budget and cost.
- Awareness of reliability engineering.
- Facilitating safety and environmental meetings.
- Maintain regular contact with clients in order to develop good working relationships.
- Full proficiency in the use of MS Office toolset.

Key accountabilities

- Managing and reporting of safety and environmental tasks.
- Support bidding activity by providing estimated costs and timescales for safety and environmental activities.
- Implementing and maintaining AEUK's Safety Engineering policy and process to ensure it meets the needs of AEUK and its customers and complies with relevant legislation.
- Working with Product Managers, System Design Authorities, Technical Leads, Integrated Logistic Support (ILS) Managers and the other Safety & Environmental Engineer to ensure that safety and environmental factors are considered for all PSS at every stage in the product lifecycle and that products are developed with safety and the environment as the highest priority.
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More information

Candidates must hold or be able to achieve the required level of security clearance.

How to apply

Please forward your CV and a covering letter explaining why you are suitable for the post to Recruitment@uk.atlas-elektronik.com by the closing date and state the job title in the subject line.

Due to the nature of our work and the projects you will be working on, all candidates must be eligible to gain security clearance. ATLAS ELEKTRONIK UK Ltd is an Equal Opportunities employer and welcomes applications for all posts from suitably qualified people regardless of age, disability, ethnicity, gender, marital status, sexual orientation, religion or belief.

Only successful applicants will be contacted.

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