Job Title:	NPI Quality Engineer
Reporting to:	Quality Lead
Level:	
Band:	
Date:	04/11/2024

PEOPLE

A-SAFE

PIONEERING WORKPLACE SAFETY

Key Deliverables	We are seeking a highly skilled and motivated New Product Introduction (NPI) Quality Engineer to join our dynamic team. In this role, you will be responsible for ensuring the quality and reliability of new products from the design phase through to production. You will work closely with cross-functional teams, including design, manufacturing, and supply chain, to implement quality standards and drive continuous improvement.

About A-SAFE and the Role

A-SAFE is a rapidly growing and dynamic environment where open mindedness, curiosity and drive are important. As market leader, A-SAFE is determined to hold its position and create many opportunities for continued growth and development. We have a true global presence including USA, Japan, Australia, Europe and UAE.

We are known for our innovation and 'can-do' attitude. A place where talent can thrive and develop as we grow. We invented the first industrial strength polymer safety barrier, revolutionising workplace safety. We've been improving world standards ever since, introducing further advanced safety solutions, including next generation IOT safety devices like RackEye.

Global blue-chip companies use our products. Coca-Cola, BMW, Jaguar Land Rover, Amazon, Heathrow airport to name but a few.

At A-SAFE we put our values at the heart of the business.

We want you to be aligned to these and able to thrive in our company.

Key Accountabilities
- Ensure all New Products and Engineering Changes are introduced in-line with the Quality Management System.   - Develop a product quality standard/specification in conjunction with the design team.   - Collaborate with design teams to ensure countermeasures for existing issues or OFI's are incorporated into any new products at design stage.   - Participate in Design and Process FMEA's throughout the design and implementation stage of new products   - Develop a Control Plan for all new products and communicate to the teams.   - Work with the production engineering teams to develop SOP's, ensuring controls for good quality are included and support the SOP training activity for all relevant employees.   - Develop gauging or measurement methods appropriate for maintaining quality control during the production phase.   - Lead the training of shift Quality Inspectors when new products are being introduced to production.   - Validate first off samples from suppliers to ensure product quality for mass production.   - Identify root cause and instigate permanent corrective actions for new product / process quality issues.   - Support product validation testing; develop a test plan, ensure test samples are provided to the test facilities and any concerns with test results are investigated.   - Conduct dimensional studies of pre-production trial parts to support process / production engineering with manufacturing maturation.   - Carry out process capability studies on all new products.   - Confirm packaging solution for new products is appropriate and maintains product quality in storage and in transit.   - Write reports and present progress at project development meetings .   - Plan projects or subtasks so they may be tracked and presented.

Person Specification: skills, experience, aptitude and behaviours
Essential   - Strong knowledge of quality management systems (QMS) and standards such as ISO 9001   - Minimum of 1-3 years of experience in quality engineering, preferably in a new product introduction environment.   - Knowledge and experience of Quality Control Plans, FMEA & FAI.   - Experience with process validation, root cause analysis, and corrective action (ISHIKAWA, 8D 5 WHY)

- Ability to work effectively in a team environment and manage multiple projects simultaneously.
- Strong communication and interpersonal skills.
- Excellent problem-solving skills and attention to detail.
- Familiarity with MS Office software (Excel, Outlook, PowerPoint)

Desirable
- Experience in the Manufacturing / technology industry.
- Certification in quality engineering (e.g., CQE, Six Sigma).
- Experience of design analysis with CAD software (AutoCAD or similar).