



Space Applications Services – Product Assurance & Safety Engineer

Position

We are looking for a Product Assurance & Safety (PA&S) Engineer to ensure mission reliability, regulatory compliance, and safety throughout development and production cycles. The role involves establishing and maintaining PA and safety requirements in line with ECSS, EN9100, and relevant international standards.

The successful candidate will be responsible for ensuring the reliability, compliance, and safety of our products throughout the full development and production lifecycle. Working closely with multidisciplinary engineering teams, the candidate will drive quality standards, support risk and hazard management activities, and ensure all processes and deliverables conform to applicable institutional and regulatory frameworks.

- **Location:** Sint-Stevens-Woluwe (Brussels Area)
- **Start date:** At the earliest

Tasks and Responsibilities

- Establish and maintain the PA requirements baseline; prepare project-specific PA documentation in accordance with relevant standards (e.g., ECSS, EN9100, MIL)
- Ensure compliance of materials, EEE components, M&P processes and supplier deliverables with applicable PA requirements
- Organise, prepare, and facilitate control board meetings. (Parts, Radiation, Material and Process Control Boards)
- Review customer and supplier documentation and perform independent PA assessments
- Contribute to technical and managerial project reviews (PDR, CDR, QR, CCNs)
- Oversee control of MAIT processes in cleanroom and laboratory environments, including routine inspections of flight hardware
- Manage non-conformities (NCR/SRR), waivers, deviations, and support risk management processes
- Participate in:
 - Internal and supplier audits, in line with industry practices implemented by ESA and other stakeholders

- Safety Review Boards with ESA, NASA, and other agencies
- Define and maintain Safety requirements baseline for assigned projects
- Perform safety analyses and develop Safety Data Packages, Safety Certificates, Hazard Analyses, FMECA, and Maintenance Safety Assessments in compliance with ECSS, ISS and other international standards
- Provide safety input to design teams, ensuring compliance with safety-critical engineering best practices
- Ensure timely closure

Skills and Experience

- Master's degree in Electrical Engineering, Aerospace Engineering, Mechanical Engineering, or a any related technical discipline
- 3 to 5 years of professional experience in a Product Assurance, Quality, or Systems Engineering role, preferably within the space, defense, or aerospace industry
- Knowledge of ECS, MIL, ISO 9001, and EN9100 standards frameworks
- Experience with EEE components, Materials & Processes, configuration management, and cleanroom practices
- Understanding system-level safety engineering, including hazard identification, mitigation, and verification.

Our Offer

- Working within an exceptional sector with Staff located in Belgium, Germany and the Netherlands
- A professional and modern working environment with motivated Administrative Staff, Engineers, Astronaut Training Instructors and Scientists coming from all different horizons and countries with a common passion for space and their own expertise
- A full-time position with an indefinite contract of employment
- A competitive remuneration package and good working conditions
- Working from home in part can be a possibility
- An individualised training and development programmes.