

Job Title: Product Assurance and Safety Engineer

Req ID 8713 - Posted 20/06/2019



EUROPEAN SPACE AGENCY

Vacancy in the Directorate of Technology, Engineering and Quality.

ESA is an equal opportunity employer, committed to achieving diversity within the workforce and creating an inclusive working environment. Applications from women are encouraged.

Post

Product Assurance and Safety Engineer

This post is classified A2-A4 on the Coordinated Organisations' salary scale.

Location

ESTEC, Noordwijk, The Netherlands

Description

Product Assurance and Safety (PA&S) Engineer in the Product Assurance Management Section, Quality, Dependability and PA Support Division, Product Assurance and Safety Department, Directorate of Technology, Engineering and Quality.

The Product Assurance Management Section provides functional support to ESA projects and is responsible for the development, implementation and maintenance of product assurance and safety (PA&S) engineering and management programmes. The Section carries out technological research (R&D) in the field(s) of PA&S management, techniques, methodologies and tools. It also collaborates in standardization and training activities.

Duties

Reporting to the Head of Section and within the technical fields described above, the main tasks and responsibilities of the postholder will include:

- providing expert support to ESA projects, programmes and technology development programme activities in the field of PA&S engineering and management;
- preparing and implementing general and project-specific programmatic and technical requirements based on the applicable product and quality assurance baseline;
- supporting the monitoring and reporting of the suppliers' PA&S programme execution to ensure compliance with the applicable requirements;
- contributing to management and technical boards relative to the execution of the projects' PA&S programme;
- defining, initiating and managing R&D activities (in the fields of product and quality assurance requirements, techniques, methodologies and tools) covering both long- and short-term needs;
- supporting the establishment and implementation of standards and best practices in the field of product and quality assurance;
- supporting the implementation of the configuration management system in ESA projects;
- monitoring applicable scientific and technological trends and maintaining a state-of-the-art expertise;
- contributing to the dissemination of the results of the activities performed and the transfer of knowledge across the Agency.

Duties may also include supporting other activities within the post holder's field of competence.

Technical competencies

Experience in the technical domains covered by the position
Understanding of related technologies, R&D trends and the industrial landscape
Experience in the management and monitoring of industrial activities, including participation in reviews
Experience with Space Quality Standards and their preparation and implementation

Behavioural competencies

Communication
Teamwork
Customer Focus
Problem Solving
Results Orientation
Planning & Organisation

Education

A Master's degree or equivalent qualification in engineering or technical sciences.

Additional requirements

Solid experience in the technical domains covered by the position.
Experience in configuration management, quality auditing or assessor certification are considered assets.
Candidates must be eligible for security clearance by their national security administration.

Other information

For behavioural competencies expected from ESA staff in general, please refer to the ESA Competency Framework.

The working languages of the Agency are English and French. A good knowledge of one of these is required. Knowledge of another Member State language would be an asset.
The Agency may require applicants to undergo selection tests.

The closing date for applications is 04 July 2019.

If you require support with your application due to a disability, please email contact.human.resources@esa.int.

Please note that applications are only considered from nationals of one of the following States: Austria, Belgium, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Luxembourg, the Netherlands, Norway, Poland, Portugal, Romania, Spain, Sweden, Switzerland, the United Kingdom and Canada and Slovenia.

According to the ESA Convention the recruitment of staff must take into account an adequate distribution of posts among nationals of the ESA Member States. When short-listing for an interview, priority will first be given to internal candidates and secondly to external candidates from under-represented Member States. (<http://esamultimedia.esa.int/docs/careers/NationalityTargets.pdf>)

In accordance with the European Space Agency's security procedures and as part of the selection process, successful candidates will be required to undergo basic screening before appointment.

Recruitment will normally be at the first grade in the band (A2); however, if the candidate selected has little or no experience, the position may be filled at A1 level.