

Product Assurance and Safety Engineer

Job Req ID: 14945

Closing Date: 21 March 2022

Publication: Internal & External

Vacancy Type: Permanent

Date Posted: 21 February 2022

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. We therefore welcome applications from all qualified candidates irrespective of gender, sexual orientation, ethnicity, beliefs, age, disability or other characteristics. Applications from women are encouraged.

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

Location

ESTEC, Noordwijk, Netherlands

Description

You will be assigned as 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 Section provides functional support to ESA projects in different programme directorates and to technology development activities and is also responsible for the development, implementation and maintenance of product assurance and safety engineering and management programmes. It carries out technological research (R&D) in PA&S management, techniques, methodologies and tools. It collaborates on standardisation and training activities.

Duties

You will report to the Head of Section and, within the above technical fields, your main tasks and responsibilities will include:

- providing expert support to ESA projects, programmes and technology development programme activities in the area 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 supplier PA&S programme execution to ensure compliance with applicable requirements. This may include auditing activities;
- contributing to management and technical boards with respect to the execution and review of a project's PA&S programme;
- defining, initiating and managing R&D activities (in product and quality assurance, requirements, techniques, methodologies, tools) covering long- and short-term needs;
- supporting the establishment and implementation of standards and best practices in the area of product and quality assurance;
- contributing to and, at the line management's request, participating in the Directorate's competence domains;
- supporting implementation of the configuration management system under ESA projects;

- monitoring applicable scientific/technological trends, maintaining state-of-the-art expertise;
- contributing to dissemination of the results of activities performed and the transfer of knowledge across the Agency.

Duties may also include providing support for other activities within your area of competence.

Technical competencies

Experience in the technical domains covered by the position

Understanding of related technologies, R&D trends and familiarity with the industrial landscape

Experience in monitoring industrial activities, including participation in reviews

Experience with Space Engineering Standards and their preparation and implementation

Behavioural competencies

Result Orientation

Operational Efficiency

Fostering Cooperation

Relationship Management

Continuous Improvement

Forward Thinking

Education

A master's degree in an engineering discipline is required.

Additional requirements

Solid experience in the technical areas covered by the position.

Experience in configuration management, quality auditing or assessor certification is considered an asset.

You must be eligible for security clearance by your 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.

At the Agency we value diversity and we welcome people with disabilities. Whenever possible, we seek to accommodate individuals with disabilities by providing the necessary support at the workplace. The Human Resources Department can also provide assistance during the recruitment process. If you would like to discuss this further please contact us 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, Latvia, Lithuania 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 or balanced Member States*.
(<https://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.

*Member States, Associate Members or Cooperating States.