

EUROPEAN SPACE AGENCY

Product Assurance and Safety Engineer

Job Req ID: 15022

Closing Date: 03 April 2022

Publication: External Only

Vacancy Type: Fixed-Term

Date Posted: 04 March 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 is a non-renewable post for a limited duration of 4 years and is classified A2-A4 on the Coordinated Organisations' salary scale.

This opportunity is open for the specific needs of a National Project, subject to the approval of ESA's Governing Bodies. **Accordingly, the selected external candidate for this post will continue to be considered an external candidate for the purpose of any future applications at the Agency.**

Location

ESTEC, Noordwijk, Netherlands with resident assignment to ESRIN, FRASCATI (Italy)

Description

You will be assigned as integrated support to the Directorate of Space Transportation within the ESRIN Integrated Programme Teams and will report functionally to the D-STIS (National Recovery and Resilience Plan – NRRP) Programme Manager for project-specific responsibilities and duties.

For maintenance of professional standards, implementation of the ESA general Product Assurance & Safety (PA&S) policy, and contributions to corporate tasks (e.g. reviews, standardisation, alerts, lessons learned), you will report to the Head of the Product Assurance and Safety Department via the Head of the Space Transportation Product Assurance Office.

Duties

- 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;
- supporting the definition, initiation and management of 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 product and quality assurance field;
- 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 the dissemination and implementation of principles and approaches aimed at reducing the development cycle time in compliance with applicable standards;
- 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 the industrial landscape

Experience in the management and monitoring of industrial activities, including participation in reviews

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 for this post.

Additional requirements

Consolidated experience in PA&S as applied to space projects.

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Experience in the technical areas (launchers) covered by the position.

Experience in configuration management, quality auditing or assessor certification are considered assets.

Familiarity with and hands-on experience of Lean Product Development methodologies and

approach, ideally in highly regulated environments (e.g. aeronautic, automotive and health care), will be 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](#).

For further information please visit: [Professionals](#), [What we offer](#) and [FAQ](#)

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 at 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.

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 conducted by an external background screening service.

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.