

# Job Title: Product Assurance and Safety Engineer

Req ID 9672 - Posted 19/02/2020



## 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 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. It carries out technological research (R&D) in the fields of PA&S management, techniques, methodologies and tools. It collaborates in standardisation and training activities.

### Duties

Reporting to the Head of Section and within the technical fields described above, your main tasks and responsibilities 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 monitoring and reporting of supplier PA&S programme execution to ensure compliance with applicable requirements; this includes auditing activities;
- contributing to management and technical boards relative 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 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 of the results of activities performed and the transfer of knowledge across the Agency.

Duties may also include supporting other activities within your 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  
Innovation & Creativity  
Problem Solving  
Results Orientation  
Planning & Organisation

## Education

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

## Additional requirements

Solid experience in the technical domains covered by the position.  
Experience in configuration management, quality auditing or assessor certification are considered assets.  
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.

### The closing date for applications is 18 March 2020.

If you require support with your application due to a disability, please email [contact.human.resources@esa.int](mailto:contact.human.resources@esa.int).

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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.