

CIMR Product Assurance and Safety Manager

Job Req ID: 12708

Closing Date: 04 October 2021

Publication: Internal & External

Vacancy Type: Permanent

Date Posted: 20 September 2021

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 integrated support by the Product Assurance and Safety Department to the Directorate of Earth Observation Programmes' Product Assurance and Safety Office, and will report hierarchically to the Head of the EOP Product Assurance and Safety Office and functionally to the CIMR Project Manager.

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

Duties

Specific responsibilities and duties include:

- Establishing and maintaining the particular PA&S requirements baseline for assigned contracts, in compliance with the general ESA PA&S policy and in coordination with the Copernicus Space Segment PA&S Manager;
- Reviewing contractors' plans, specifications and effort proposed for execution of the project PA&S programme;
- Guiding and monitoring the implementation of PA&S requirements by contractors in order to assess performance/effectiveness, participating in design and safety reviews, and directing the necessary preventive or corrective actions;
- Planning, coordinating and monitoring the PA&S workforce assigned to provide support to the project team;
- Representing ESA on Review Boards (for failure reviews, test reviews, etc.) and in the processing of non-conformances/anomalies, etc.;
- Guiding and monitoring the application and procurement of Electrical, Electronic and Electromechanical (EEE) parts, materials and processes, and controlling the implementation of the applicable requirements;

- Ensuring implementation of the software PA requirements baseline;
 - Ensuring the preparation of design trade-offs, analyses and reports using Reliability, Availability, Maintainability and Safety (RAMS) data to support project decisions;
 - Monitoring the manufacturing, integration and test activities with quality assurance audits, mandatory and key inspection points, test witnessing and configuration inspections;
 - Defining the formal acceptance requirements and conducting the acceptance reviews of all contractual deliverable items;
 - Reviewing contractors' PA&S analyses and Safety Data Packages, ensuring their availability on planned dates to support the safety review schedule, in coordination with the safety authorities;
 - Providing support for the tracking of the overall implementation of PA&S verifications;
 - Supervising the performance of the contractor PA&S activities during the launch campaign.
- In carrying out these tasks, you will receive support from experts from the project team and the Directorate of Technology, Engineering and Quality.

Technical competencies

Knowledge of Product Assurance, Safety and Quality Management disciplines

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

Experience with the application of product assurance tools and methods

Experience in the technical domains covered by the position

Experience with Space Quality 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 engineering is required.

Additional requirements

- Understanding of and experience in Earth observation missions would be considered an asset.

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 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.