

Job Title: Ariane Exploitation Product Assurance Manager

Req ID 8689 - Posted 15/04/2019



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

Ariane Exploitation Product Assurance Manager

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

Location

ESTEC, Noordwijk, The Netherlands with resident assignment at ESA HQ, Daumesnil, Paris, France

Description

Ariane Exploitation Product Assurance Manager.

The postholder will be assigned as integrated support to the Directorate of Space Transportation (STS) and will report functionally to the Ariane Exploitation Programme Manager and to the Head of the Assets Maintenance, Launch Range of the Launchers Exploitation Department for project-specific responsibilities and duties. For the maintenance of professional standards, for the implementation of the ESA general Product Assurance & Safety (PA&S) policy and for contributions to corporate tasks (e.g. reviews, standardisation, alerts, lessons learned), the incumbent will report hierarchically to the Head of the Product Assurance & Safety Department through the Head of the Space Transportation Product Assurance, Safety & Quality Management Office (STS-MQ).

The postholder is responsible, within the framework of ESA Programmes and activities, for the overall implementation of the Product Assurance and Safety requirements and activities for Ariane Exploitation and Ground Segment/Asset maintenance, and within the framework of the Agency mandates in exploitation, for ensuring the appropriate quality surveillance and monitoring of major anomalies in Ariane Exploitation. Training and familiarisation with the parent Department's mandate, processes and procedures will be part of this assignment.

Duties

Within the Ariane exploitation governance structure, specific responsibilities and duties include in particular:

- coordinating the assigned PA&S workforce integrated within the project teams and identifying/monitoring the support required to perform the functions under this responsibility;
- supporting the Head of the Space Transportation Product Assurance, Safety & Quality Management Office in the coordination of National Surveillance Organisations (NSOs) for Ariane Exploitation, making effective use of NSO reporting;
- preparing the ESA Ariane Exploitation audit plans, and carrying out quality/technical audits as required;
- establishing and maintaining PA&S requirements baseline for Ariane Exploitation and associated projects/products, in compliance with general ESA PA&S policy and any legally-applicable requirements for launch system exploitation from the Guiana Space Centre (CSG), incorporating of past Launchers lessons learned and best practices in the profession;
- preparing the approval or endorsement of relevant PA&S documents (ESA, contractors);
- reviewing contractors' plans and specifications proposed for the execution of the Ariane Exploitation Programmes as well as Ariane 6 Transition, ensuring that the PA&S requirements are fully taken into account in the whole contractual chain;
- verifying the fulfilment of PA&S requirements during reviews and other milestones, participating in safety & design reviews (PDRs, CDRs, QRs, FACR, etc.); managing the related PA&S actions/recommendations;
- guiding, monitoring and assessing contractors' implementation of PA&S requirements/plans and their performance/effectiveness;

- where relevant, monitoring 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 contractual deliverable items;
- managing/supporting the processing of non-conformances and requests for waivers, failure reviews and PA inquiries, acceptance reviews, test reviews, MRB (Material Review Board), representing ESA in the related project Board; directing/monitoring the necessary preventive or corrective actions;
- contributing to the configuration control and assessing relevant change proposals from a PA&S perspective;
- preparing the necessary FSOA conformity/Safety files and Safety submissions, ensuring appropriate coordination with related stakeholders; monitoring of critical points, reviewing RAMS documentation,
- monitoring technical events occurring in the framework of production (e.g. alerts), cooperating as relevant with CNES/DLA and interfacing with the Launch Service Operator and Prime Contractor for related matters. In case of need, initiating audits, and/or requesting the relevant Programme/Project Manager to perform detailed technical verifications;
- ensuring surveillance of activities performed under Arianespace responsibility;
- ensuring cooperation with the Ariane Development PA&S as relevant (e.g. common A5/A6 products) and supporting the Head of the PAS & Quality Management Office in preparing the Ariane 6 exploitation phase.

In order to increase synergies within the Directorate of Space Transportation, and on request from the Head of STS-MQ, the postholder may also be assigned additional ad-hoc activities supporting the other Space Transportation programmes and activities (such as KP, audits, STS QMS, etc.).

Technical competencies

General background and specific experience in the technical domains covered by the position

Project support experience in a relevant domain

Balanced sense of responsibility between PA and overall project responsibilities

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

Knowledge of launch systems

Experience in quality and technical audits in the applicable environment

Behavioural competencies

Communication

Relationship Management

Results Orientation

Problem Solving

Planning & Organisation

Education

A Master's degree or equivalent qualification in an engineering discipline is required.

Additional requirements

Several years of experience in the management of Product Assurance and Safety are required as well as a deep knowledge of the launchers domain and proven experience in interfacing with various partners in an international environment. Good knowledge of Ariane would be 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.

The closing date for applications is 12 May 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.