

## **EUROPEAN SPACE AGENCY**

### **Vacancy in the Directorate of Technical and Quality Management**

The European Space Agency is an equal opportunity employer and encourages applications from women

#### **POST**

Ariane 5 Exploitation Product Assurance & Surveillance Manager in the Product Assurance and Safety Department, [Directorate of Technical and Quality Management](#).

This post is classified in the A2/A4 grade band of the Coordinated Organisations' salary scale.

#### **LOCATION**

ESTEC, Noordwijk (The Netherlands) with resident assignment in ESA HQ, Paris (France).

#### **DUTIES**

The postholder will be assigned as Integrated Support to the Directorate of Launchers, and will report to the Ariane Programme Manager of the Launchers Exploitation and Launch Range 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 to the Head of the Product Assurance & Safety Department (TEC-Q), through the Head of the Launchers Quality Management Office (LAU-SQ).

Specific responsibilities and duties include:

- coordinating assigned PA&S workforce integrated within the project teams and identifying and monitoring the support to the project team;
- supporting LAU-SQ for the National Surveillance Organisation (NSOs) coordination;
- within the framework of Ariane 5 Launcher exploitation accompaniment activities (ARTA, LEAP Ariane Classical, including the maintenance of the Ground Segment in operational condition):
  - establishing the specific PA&S requirements baseline for the A5 Exploitation Programmes, in compliance with the ESA general PA&S policy;
  - reviewing contractors' plans, specifications and effort proposed for the execution of the Ariane 5 Exploitation programmes, ensuring that the PA&S requirements are taken properly into account by the Prime and are properly addressed throughout the contractual chain; preparing and approving the PA&S documents where ESA responsibility is engaged;
  - guiding, monitoring and assessing the implementation of PA&S requirements by contractors in order to assess performance/effectiveness; participating to design, acceptance and safety reviews and directing the necessary preventive or corrective actions;
  - representing ESA in the Boards established within the projects for the disposition of Non-conformances, Requests for Waivers, Failure Reviews and inquiries, MRB (Material Review Board), Acceptance Reviews, Test Reviews, etc...;
  - defining the formal acceptance requirements and conducting the Acceptance Reviews of all contractual deliverable items;
  - monitoring the manufacturing, integration and test activities with quality assurance audits, mandatory and key inspection points, test witnessing and configuration inspections;
  - guiding and monitoring the application and procurement of the Electrical, Electronic & Electromechanical (EEE) parts, materials and processes and controlling implementation of applicable requirements;
  - contribution to configuration control;
  - preparing safety files & submissions.

- within the framework of the Agency's mandate in the Launchers exploitation phase:
  - monitoring technical events occurring in the activities performed by Industry. In case of need, initiating audits, and/or requesting the relevant programme/project manager to perform detailed technical verifications;
  - cooperating with CNES/DLA and interfacing with Arianespace PA officers (in close coordination with the Head of the Launchers Quality Management Office (LAU-SQ).) for matters concerning technical events in production (notably Alerts, Waivers);
  - managing Critical Items Lists (in particular for each flight, Critical Point attenuation, etc.);
  - ensuring surveillance on activities performed under the responsibility of Arianespace at the Centre Spatial Guyanais (CSG) (e.g. launch campaigns, etc.).
  - preparing the necessary safety files.

In order to increase synergies within LAU-SQ, and at the request of the Head of Office, the postholder will be requested to support activities in the other Launchers programmes (e.g. participating in reviews, MRBs, investigations, etc...) and to support the D/LAU QMS Officer.

## **QUALIFICATIONS**

Applicants for this post should have a Master's degree or equivalent qualification in engineering, with a background in space systems. Several years of experience in the management of Product Assurance and Safety are required as well as knowledge of the launchers domain and proven experience in interfacing with partners in an international environment.

Candidates should have good interpersonal and communication skills with the ability to work effectively and cooperatively in a diverse and international team environment and to define and implement solutions in line with team and individual objectives and project deadlines. In addition, they should have good analytical, organisational and reporting skills, a proactive attitude to solving problems and an interest in innovative technologies.

The working languages of the Agency are English and French. A good knowledge of one of these languages is required. Knowledge of another member state language is an asset.

## **CLOSING DATE**

The closing date for applications is **25 April 2014**.

Applications from external candidates for this post should preferably be made on-line at the ESA Web Site ([www.esa.int/careers](http://www.esa.int/careers)). Those unable to apply on-line should submit their CV to the Human Resources, ESTEC, Keplerlaan 1, 2201 AZ Noordwijk ZH (The Netherlands).

ESA staff members wishing to apply for this post should fill in the [Internal Application Form](#) and email it to [Apply2ESTEC](mailto:Apply2ESTEC).

The Agency may require applicants to undergo selection tests.

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**Under ESA Regulations, the age limit for recruitment is 55. Please note that applications are only considered from nationals of one of the following States: Austria, Belgium, the Czech Republic, Denmark, Finland, France, Germany, Greece, Ireland, Italy, Luxembourg, the Netherlands, Norway, Poland, Portugal, Romania, Spain, Sweden, Switzerland, the United Kingdom and Canada.**

**Priority will be first given to internal candidates and secondly to external candidates from under-represented member states.**

**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.**