

## Safety Coordination Officer

**Job Req ID:** 12168

**Closing Date:** 28 October 2021

**Publication:** Internal & External

**Vacancy Type:** Permanent

**Date Posted:** 30 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. For this purpose, we 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

With a resident assignment at ESA Headquarters, Paris, France.

### Description

Safety Coordination Officer in the Independent Safety Office, Product Assurance & Safety Department, Directorate of Technology, Engineering and Quality (D/TEC).

### Duties

The Safety Coordination Officer's duties are divided between provision of functional support to the Director of Space Transportation (STS) (50%) and liaison between the Independent Safety Office and the safety functions in ESA Directorates (50%).

You will report to D/TEC and D/STS and advise on matters related to risk safety to ensure well-informed risk acceptance. In addition, you will liaise with the safety services within ESA and coordinate on STS-related safety issues, taking due account of lessons learned, notably in anticipation of the Ariane 6, Vega C and Space Rider maiden flights.

You will also report to the Independent Safety Office (50%) and liaise with the safety functions in the ESA Directorates to promote and support the consistent implementation of ESA policies on space debris mitigation, planetary protection, use of nuclear power sources and re-entry safety.

Specific duties include:

- Coordinating the preparation of ESA/CNES safety meetings at Director level and providing support for meetings as Secretary;
- Overseeing STS Directorate flight programme compliance with the requirements and technical regulations of the French Space Operations Act;
- Liaising with the flight programme operational safety engineers in the Flight Programme Operational Safety Office;
- Liaising with the STS Directorate programme product assurance engineers in the STS Product Assurance Office;

- In cooperation with the operational safety functions in the ESA Directorates, monitoring programme and project compliance with safety requirements, overseeing safety issues, ensuring that lessons learned are taken into account and reporting periodically to D/STS and D/TEC;
- Providing technical support to the ESA projects that use nuclear power sources with respect to obtaining authorisation from the relevant launch authorities;
- Helping develop and maintain ESA policy-related requirements and standards for space debris mitigation, planetary protection, use of nuclear power sources and re-entry safety;
- Providing inputs for the Agency's R&D plan for activities related to space debris mitigation, planetary protection, use of nuclear power sources and re-entry safety;
- Duties may include providing support to other activities within your area of competence.

### **Technical competencies**

System Safety Engineering

Launch Vehicles system safety requirements and safety certification processes

System safety qualitative and quantitative methods

Re-entry safety decision analysis and risk assessment methods

Risk informed decision making

Knowledge of the French Space Act and related regulatory framework

Knowledge of ESA Space Debris Mitigation Policy and related regulatory framework

Knowledge of ESA Planetary Protection Policy and related regulatory framework and methods

### **Behavioural competencies**

Result Orientation

Operational Efficiency

Fostering Cooperation

Relationship Management

Continuous Improvement

Forward Thinking

### **Education**

A Master's degree in aerospace engineering or systems safety and dependability engineering is required.

### **Additional requirements**

Several years' working experience is required, preferably in space transportation system development and operations.

System safety qualitative and quantitative methods: hazard analysis, risk analysis, probabilistic risk assessment, hardware reliability analysis, human error analysis.

Knowledge of the ESA planetary protection policy and related regulatory framework and methods for bioburden reduction and contamination control.

Strong cognitive skills, good technical judgement and excellent planning and organisational skills are also required.

Excellent influencing and communication skills, both oral and written, and a proven track record of proactive team spirit and support to colleagues in knowledge transfer and problem-solving.

High degree of professional curiosity, at both technical and strategic level.

The ability to lead disciplinary and inter-disciplinary groups of top experts is required for this role. Fluent French and English, both spoken and written, is mandatory.

### **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 at [contact.human.resources@esa.int](mailto: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 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.