

EUROPEAN SPACE AGENCY

Vacancy in the Directorate of Technical and Quality Management

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** Senior Safety Systems Engineer in the Independent Safety Office, Product Assurance and Safety Department, [Directorate of Technical and Quality Management](#).
- This post is classified in the A2–A4 grade band on the Coordinated Organisations' salary scale.
- LOCATION** ESTEC, Noordwijk (Netherlands).
- DUTIES** The Independent Safety Office is the safety review and certification authority for International Space Station (ISS) payloads and systems and is also responsible for:
- nuclear and re-entry safety;
 - space debris mitigation regulations and compliance;
 - planetary protection regulations and compliance.
- The Senior Safety Systems Engineer reports to the Head of the Independent Safety Office and is responsible for the following duties:
- Supporting the Head of the Independent Safety Office in the development and maintenance of relevant safety policies, requirements and standards;
 - Coordinating the definition of safety requirements as well as reviews for crew transportation systems and future Human Spaceflight missions in cooperation with international partners;
 - Coordinating engineering activities in the field of Human Spaceflight Safety and Nuclear Safety and ensuring the management and distribution of these activities to the relevant areas of expertise within the Directorate of Technical and Quality Management (D/TEC);
 - Participating in the activities of the ESA Safety Review Panel (ESRP) for ISS Systems and Payloads as senior Product Assurance and Safety Engineering representative;
 - Contributing to the continuous improvement of working procedures in order to increase ESRP efficiency;
 - Developing and maintaining the expertise and technical competence of ESRP members to meet current and future needs of human spaceflight activities;
 - Contributing to a positive and motivating working environment for the ESRP team and coordinating the workforce allocated to ESRP activities;
 - Liaising with the NASA ISS engineering team to ensure a common understanding and interpretation of safety requirements, hazard control implementation and verification and resolution of Non Conformance Reports (NCRs);

- Providing technical guidance to the ESA ISS System and Payload projects in the interpretation of safety requirements, identification of hazard causes, implementation of hazard controls and their verification;
- Assisting the Head of the Independent Safety Office in carrying out other activities within the responsibilities of the Office.

QUALIFICATIONS

Applicants for this post should have a Master's degree or equivalent qualification in engineering. Solid experience in the space field, including a background in spacecraft system engineering and human spaceflight safety is required.

Candidates should have good interpersonal and communication skills. They should be able to work effectively, autonomously and cooperatively in a diverse international team environment, defining and implementing solutions in line with team and individual objectives, as well as project deadlines.

Applicants should also have good analytical, organisational and reporting skills, a proactive attitude to problem-solving and an interest in innovative technologies.

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 is an asset.

CLOSING DATE

The closing date for applications is **24 November 2016**.

Applications from external candidates should preferably be made [online](#) from the ESA website (www.esa.int/careers). Those unable to apply on-line should submit their CVs to Human Resources, ESTEC, Keplerlaan 1, 2201 AZ Noordwijk ZH, The Netherlands.

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

The Agency may require applicants to undergo selection tests.

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.

Priority will first be 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.