

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

Chemical Propulsion Engineer in the Propulsion Engineering Section, Propulsion and Aerothermodynamics Division, Mechanical Engineering 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).

DUTIES

The postholder will report to the Head of the Propulsion Engineering Section and undertake tasks assigned by him on technical support activities for projects and on monitoring of ESA Research & Development (R&D) contracts.

In the frame of his duties, the incumbent shall undertake assignments, as delegated to and in coordination with the management, for the following tasks:

- providing expert technical support and consultancy in propulsion for launchers (liquid propulsion, including storable and cryogenic technologies, and solid propulsion) and spacecraft (different chemical propulsion technologies) to the Agency's project teams responsible for the development of launchers and spacecraft, throughout all project phases;
- contributing to the preparation of work plans in the areas of launcher and spacecraft propulsion in the Agency's technological programmes, with a particular contribution expected on systems and new propulsion aspects;
- preparing and technically managing Agency contracts for studies, experimental investigations and engineering developments in space propulsion.

QUALIFICATIONS

Applicants for this post should have a university degree or equivalent qualification in aerospace or mechanical engineering, with emphasis in space propulsion related subjects. Candidates must have several years of experience in the design and development of chemical propulsion systems and components for launcher and/or spacecraft applications. Knowledge and experience in electric propulsion is an asset.

Preference will be given to candidates with:

- a comprehensive system background, including an appreciation of the state of the art in space propulsion areas;
- a good knowledge of the specialist technological areas involved in space propulsion (including the AIV and testing of propulsion systems and components);
- experience in the definition and specification of R&D activities in the propulsion space field.

Applicants 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 objectives.

In addition, candidates should have good organisational and analytical skills, as well as a proactive attitude towards 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 two languages is required. Knowledge of another member state language is an asset.

CLOSING DATE

The closing date for applications is **12 July 2013**.

Applications from external candidates for this post should preferably be made [on-line](#) at the ESA Web Site (www.esa.int/careers). Those unable to apply on-line should submit their CV to the Head of the Human Resources Division, 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](#).

The Agency may require applicants to undergo selection tests.

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.