

Job Title: AIV Engineer

Req ID 281 - Posted 06/06/2017



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

AIV Engineer

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

Location

ESTEC, Noordwijk, The Netherlands

Description

AIV (Assembly, Integration & Verification) Engineer in the Test Support Section, ESTEC Test Centre Division, Mechanical Engineering Department, Directorate of Technology, Engineering and Quality. The Test Support Section provides functional support to ESA projects and carries out technological research (R&D) in AIV.

Duties

Reporting to the Head of the Section and within the technical fields described above, the main tasks and responsibilities of the post holder will include:

- providing expert technical support and consultancy to ESA projects, programmes and general studies in the field of AIV throughout all project phases; This includes :
 - defining and following up satellite AIV programmes
 - participating to Test Readiness Reviews, Post Test Reviews, Test Review Boards and Non-conformance Review Boards
 - supporting launch campaigns
 - providing engineering support for the procurement of mechanical ground support equipment
 - providing engineering support for test planning, test preparation, test execution and test analysis for mechanical, thermal and electromagnetic testing of satellite systems/sub-systems
 - supporting definition studies in the Concurrent Design Facility at ESTEC
 - participating in the development of engineering standards;
- participating in project reviews and evaluations of procurement proposals;
- identifying critical development problems and assisting in their resolution;
- contributing to the definition of technology development requirements and work plans for the Agency's technology programmes;
- defining, initiating and monitoring R&D activities covering both long- and short-term needs;
- fostering new application areas for multidisciplinary activities, placing emphasis on innovative concepts, cutting-edge technologies and system architectures;
- monitoring applicable scientific and technological trends and maintaining state-of-the-art expertise;
- contributing to the dissemination of the results of the activities performed and the transfer of knowledge across the Agency.

Behavioural competencies

Communication
Customer focus
Ambassadorship
Problem solving
Innovation & creativity
Results orientation

Technical competencies

Satellite verification engineering
Mechanical ground support equipment (MGSE) / infrastructure procurement
ESA and industrial development, verification and procurement processes
ECSS standards
Launch campaign
Environmental testing for space

Additional requirements

The candidate shall also have experience of at least one complete satellite test and launch campaign in an AIT/AIV role.

Education

Applicants should have a Master's degree or equivalent qualification in aerospace or mechanical engineering together with solid experience in satellite level environmental testing.

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 application is 20 June 2017.

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.

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.