

Job Title: Process Optimisation Engineer

Requisition ID 11827 - Posted 24/11/2020



EUROPEAN SPACE AGENCY

Vacancy in the Directorate of Space Transportation.

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

Process Optimisation Engineer

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

Location

ESA Headquarters, Paris, France

Post

Process Optimisation Engineer in the Cost Assessment Office, Value Chain Assessment and Asset Management Division, Infrastructure and Value Chain Department, Directorate of Space Transportation.

Duties

You will report to the Head of the Cost Assessment Office. Duties will include:

- conferring with internal and external stakeholders about specifications, industrial capacities and capabilities, and the status of projects and BAU;
- reviewing schedules, manufacturing flows, etc. to understand methods and activities in operations, integration and services;
- understanding the ways industrial systems (operations, procurement, logistics, commercialisation, etc.) interact and how changes in conditions (methods, location, launch rate, etc.) can affect outcomes;
- analysing and diagnosing industrial processes and operations and supply chain efficiency and proposing improvements;
- working to determine best practices in the commercial/New Space environment and implementation methods;
- creating inputs which will be usable in the ESA reporting system, such as in proposals and progress reports;
- assisting in assessing the justification of changes to production/exploitation contracts.

Technical competencies

Knowledge of and experience applying process analysis and improvement methods and tools such as DMAIC, statistical process improvement, lean, kaizan, etc.

Knowledge of production and operations and their effect on costs in an industrial setting

Experience/highly developed capability in complex information data mining, analysis and reporting

Behavioural competencies

Result Orientation

Operational Efficiency

Fostering Cooperation

Relationship Management

Continuous Improvement

Forward Thinking

Education

A Master's degree or PhD is required, and experience in industrial process optimisation, with experience in production processes, preferably in aeronautics/aerospace/aviation.

Additional requirements

You should also have:

- The ability to present practical solutions both orally and in writing.
- Outstanding structured and self-organising work attitude including attention to detail.
- The ability to be discreet about confidential data.
- High degree of computer literacy – MS-Office products (particularly Word, PowerPoint, Excel). Knowledge of relational database concepts will be considered an asset.
- Contract and/or supply chain management experience would be an asset.
- Relevant experience in operational audits, M&A, continuous improvement and/or industrial processes would be an asset.

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 applications is 22 December 2020.

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, 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.