

JOB OFFER DP No. 10.20

**FLUID AND MECHANICAL QUALITY MANAGER
PROGRAM DIRECTORATE**

1° ASSIGNMENT

Program Directorate – French Guiana - Installation and Launch Quality Division.

2° JOB DESCRIPTION

Reporting to the Installation and Launch Quality Division Manager, the Fluid and Mechanical Quality Manager oversees fluid and mechanical quality aspects for operational processes (launcher, system, upper composite) and the maintenance and operation of launch installations, for the Ariane, Soyuz and Vega launch systems.

More specifically, you will be responsible for the following:

- Contribute to the definition and control of processes applied by the division.
- Ensure that the anomaly treatment process functions correctly, by making sure that all relevant data is recorded and justification files are complete, and overseeing the application of corrective measures.
- Participate (or be represented) in the handling of changes during the analysis of dossiers, by issuing an opinion, or validating the opinion of your representative.
- Based on feedback, propose, develop and coordinate preventive actions.
- Participate in the validation of the "baseline" operational control plan (operations during launch campaigns, revalidation operations, operational reference status).
- Verify the validity and completeness of the measures implemented to reduce risks (e.g., Quality Key Point) for operational procedures.
- Validate ground and vehicle inspection procedures and any associated changes, and ensure that they comply with application specifications.
- Specify objectives and deliverables for the subcontracting quality team, and oversee the actions they define.
- Propose and carry out, alone or in collaboration with Quality Division and Program Division, quality audits or surveys of Arianespace suppliers (hardware or services).
- Support the Launch Campaign Quality Manager in his/her activities.
- Support the System Quality Manager by keeping him/her informed of the changes or anomalies that could entail a system risk.
- Ensure that documentation is appropriate and pertinent.
- Help draw up specifications for subcontracted services.

During launch campaigns, the division's Quality Managers take turns acting as Launch Campaign Quality Manager, as designated by the Division Manager.

The Launch Campaign Quality Manager coordinates the quality team set up for each launch campaign.

During the general, technical and quality reviews throughout the campaign, he/she will formally confirm the ability of the launch system to carry out its mission. Within this scope, he/she will contribute to the validation process by confirming that the campaign process is applied completely, and that all required elements have been submitted for verification.

The Launch Campaign Quality Manager works in liaison with the Launcher Production Quality Manager (in charge of the lower composite), the System Quality Manager (in charge of the upper composite and the flight program), the launch complex operations manager, the Arianespace production project manager, and the Quality Manager for the launcher prime contractor.

3° CANDIDATE PROFILE

You should have a degree from an engineering school or equivalent European university, with about ten years of experience in the space industry.

You must be familiar with the fluid and mechanical aspects of the ground segment and/or the vehicle segment of the Ariane 5 launcher system, and be able to acquire this knowledge for the Soyuz and Vega launchers.

More than just understanding Quality methods and standards, the ability and desire to continue to acquire in-depth knowledge of these areas is vital.

Due to our international operations and clientele, you must have very good working knowledge of both French and English.

4° LOCATION

Kourou, French Guiana, with possible travel to France.

Should you be interested in this position, please send your application and resume to : ✉ ARIANESPACE – Human Resources Directorate – ref. DP 10.20 - Boulevard de l'Europe – BP n° 177, 91006 Evry-Courcouronnes Cedex or by mail to recrutement@arianespace.fr