

## Product Assurance Manager (m/f/d)

HPS GmbH, headquartered in Munich downtown, is a quickly growing space company and provider of key subsystems: highly accurate reflector antennas for telecom- and science applications, large deployable reflector subsystems (LEA) for earth observation and telecom, deployable drag-sail subsystems (ADEO) for de-orbiting small and medium sized satellites, thermal control hardware for spacecraft and landers, as well as plenty of high end components in the structural and thermal area.

HPS' subsidiary in Romania (HPS S.R.L.) focuses on metal structures, thermal hardware components and MGSE. A joint venture in Northern Bavaria (HPTex GmbH) produces highly reflective metal mesh for deployable antennas.

In all sites laboratories and integration halls provide space for assembly and integration activities, partly in clean environment. Currently, the HPS family concludes 2020 with a staff of 70 persons, whereas 45 are located in Munich.

HPS is well acknowledged at the European Space Agency ESA, the German Space Agency DLR and at all major players of the European space industry. Up to now HPS is onboard 20 flight missions, whereas eight are already in space. The most recent projects are: Ka-band antennas on the German Mission "Heinrich Hertz" and the ESA-mission "EUCLID"; a 25m<sup>2</sup> deployable sail to be qualified in Q1/2021 with an in-orbit verification in 2022, and an 8m large deployable reflector subsystem embarked on the Copernicus mission CIMR.

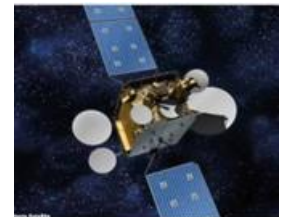
We have ramped up our team with more than a dozen new engineers in 2020 and **continue our rapid growth at HPS Munich** in the first quarter of 2021, with the following profile:

### Job profile:

The Product Assurance Specialist assists the Company Quality Manager with contribution to the design, development, and execution of quality assurance and control systems and ensures on dedicated project level that end item deliverable products meet all customer/agency quality and functional requirements.

### Tasks:

- Ensure that products and processes comply with the Project and HPS Quality Management System requirements
- Prepare the QA/PA documentation to support the Project, e.g. Product Assurance Plan, RAMS Documentation, Critical Item List, Qualification Status List
- Participate and support in material, parts and processes assurance, including the preparation of Declared Material / Mechanical Part / Process List
- Perform process surveillance activity on product non-conformances throughout their lifecycle:
  - Develop solutions to solve and prevent product and manufacturing process non-conformances
  - Participate in or lead NRB, root cause analysis and implementation of corrective and preventive action
  - RFD/RFW processing
- Review and/or prepare documentation to support product/system delivery, including configuration and documentation verification
- Define and coordinate inspection program (incoming, outgoing, mandatory and key points)
- Monitor procurement activities:
  - Supplier selection & control in cooperation with the Company Quality Manager, Project Manager and Procurement Manager
  - Control of procurement specifications
  - Incoming inspections and reporting
  - In case of "subcontracts", review of manufacturing and test contracts
  - Audit, control of correct manufacturing documentation prior to manufacturing, check of correct and traceable process documentation and application, visit during activities
- Review and update supplier evaluation (and related entry in qualified supplier list).



**Knowledge, skills and abilities required:**

- Engineering degree diploma
- Experience in Avio/Space programs and ISO 9100 standard
- Experience in PA activities (minimum 2 years)
- Excellent organizational and communication skills
- Ability to work both independently and as part of a team
- Language: fluent English (written and spoken), German is an advantage.

**Possibilities:**

HPS offers the chance to significantly contribute to outstanding, highly visible space products and to actively take part in the growth of an international operating company. The HPS staff is a family and stands to a team-oriented, friendly working environment. As HPS is an SME (Small/Medium Enterprises), all HPS staff is continuously informed on company strategy items, can influence the path of HPS growth, improvement suggestions are highly welcome.

The new colleague will have the chance to work very close on the one hand with highly experienced engineers as well as to train on the other hand young ones. He/she will be involved in several projects which makes daily life very diversified.

A four-days-per-week contract might be possible. Self-responsible flexibility in working time per day is our company culture. Documented in our Quality Management System is not only the goal to deliver high end technology and to maintain financial health of the company, but also to create very high degree of employee satisfaction.

Being part of HPS means to be involved in space missions, having hardware flying around the Earth or contributing to the European exploration of the Universe.



**We are looking forward to your application (preferred via e-mail):**  
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