

Technician

Location: Porto, Portugal

High Performance Structures Gestão e Engenharia Lda. (HPS-PT) is a leading midsize space company and central provider of lightweight structures (composite and metal), deployable structures, thermal hardware (like MLI multilayer insulations and re-entry technology) and Mechanical Ground Support Equipment (MGSE) mainly for space applications. Flight hardware is already onboard a telecommunication mission (AlphaSat), a VEGA-launcher, a Mars Orbiter (ExoMars 2016) and in a capsule (Sciaparelli) landed on Mars surface end 2016. We are currently involved in developments for more than ten further missions including MLI flying to Jupiter and a structural assembly for an instrument onboard the International Space Station ISS.

Located in Porto, HPS-PT is part of the German-Portuguese-Romanian HPS Group and takes care on design, analysis, manufacturing, assembly, test and integration of related hardware. With its outstanding engineering capacities, highest flexibility and customer orientation HPS is one of the fastest growing technology drivers in the European SME industry. Currently HPS Group has a staff of 60 persons, 22 employees in Porto, 30 in Munich and 8 in Bucharest.

Main customers of HPS are the European Space Agency (ESA), its system primes Airbus, ThalesAleniaSpace and OHB, as well as many other large and midsize European companies.

Due to our rapid growth and in the light of current and coming projects on MLI manufacturing, assembly, integration and testing, bonding processes and metal assemblies for flight missions we at HPS Portugal want to **enlarge our Technician Team by two technicians**. Consequently we are searching for excellence with the following profile:

Job Profile:

Being a Technician, it is expected that the candidate presents a good hands-on mentality, a precise workmanship and mechanical skills and accuracy. The jobs offered are different in terms of focus: one Technician will be more dedicated to metal and composite hardware, the other Technician more to textile hardware like our multilayer insulation (MLI). Nevertheless, both Technicians shall be flexible to operate in both domains. The Technicians will be mainly responsible for:

- Manufacturing and assemble products (e.g. MLI, metal and composite structures) in compliance with manufacturing orders, work instructions and respective documents (materials, lay-ups, dimensions, cleanliness)
- Maintain cleanliness during his/her work and by entering the cleanroom
- Reports to MAIV&T manager of a project
- Reports to his/her Section Head
- Reporting of any non-conformance identified to Section Head and Project PA
- Close and shut down of cleanroom according checklist and /or rules, if leaving as last staff member.

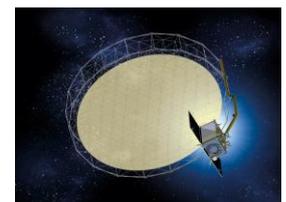
The main characteristics of the job include the following:

Main Tasks:

- Work preparation
- Perform MLI workmanship tasks (cutting, assembling, sewing, packing, ...)
- Perform mechanical assembly work (bolting, sanding, assembling, bonding...)
- Perform composites production (layup, sanding, resin preparation...)
- Participation/support in/to system integration and verification tasks
- Travel for brief periods (days, max. 1-2 weeks).

Main Skills required:

- Likes to work according to written procedures and work instruction
- Likes to work in a small team
- Work under pressure
- Be organized
- Tidy.



Qualification:

Applicants should have as a minimum:

- Justification of excellent workmanship performed in the past
- High education
- MS office S/W tools (minimum: MS Word, MS Excel, Power Point).
- Autonomous working approach, accurate working results
- Loyalty, team spirit and reliability.

Nice to have:

- 2 years (or more) of relevant experience with workmanship
- Passed 12° year of school
- Knowledge in aeronautics- or space hardware and respective environmental requirements
- Knowledge in sewing (similar activity to parts of MLI manufacturing)
- Worked already under clean environment
- Knowledge in English (reading/writing/speaking).

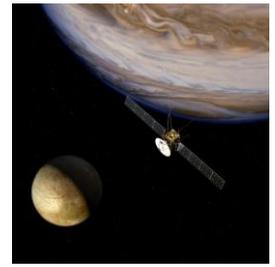
Possibilities:

We offer the chance to actively take part in the growth of an international operating high technology company but still keeping a family-like working environment of an SME (Small/Medium Enterprises). All HPS staff is continuously involved in company strategy items and can influence the path of HPS growth. Improvement suggestions are highly welcome.

The applicant has the chance to work very close on the one hand to highly experienced staff working for more than 20 years in relevant fields and on the other hand to medium or young engineers. She/he 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 a 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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