

## **Process Development Engineer Location: Porto, Portugal**

**High Performance Structures Gestão e Engenharia Lda. (HPS-PT)** is a Frezite Group company whose focus is the supply of structures and coatings for space, such as MGSE (Mechanical Ground Support Equipment), MLI Multilayer Layer Insulations and re-entry technology e Flight Hardware, who have already entered missions, in particular AlphaSat, VEGA-launcher, and Mars Orbiter (ExoMars 2016). Main customers of HPS are the European Space Agency (ESA), its system primes Airbus, Thales Alenia Space and OHB, as well as many other large and mid-sized European Companies.

Given the rapid growth of projects in the area of CFRP (materials reinforced with carbon fiber), we intend to strengthen our team with the hiring of a Product/Process Development Engineer. We are looking for someone with the following profile:

### **Candidate's Profile:**

The Development Engineer should have knowledge and motivation to work in the area of composite materials (carbon fiber/glass fiber). It is fundamental academic and/or professional experience in the area of product or process development, as well as in the development of tools or complementary gauges to the process. Academic and/or professional experience will be valued in the use of commercial programs of 3D modelling and 2D drawing (SolidWorks, Inventor).

### **Qualifications:**

- Master's or Bachelor Degree in Mechanical Engineering;
- Knowledge of processes of production of composites (Infusion, RTM, Filament Winding);
- Knowledge in 3D modeling and 2D drawing for manufacturing (SolidWorks, Inventor or other);
- Basic knowledge of machining processes and development of tools/gauges for production support;
- Development and / or adaptation of equipment;
- Production of technical reports of the projects;
- Provide support / assistance in the production process;
- Advanced knowledge of English;
- High sense of responsibility and organization;
- Good ability to solve problems.

**We are looking forward to your application (preferred via email):**

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