



HE Space is a successful international space company. For 40 years, we have been supporting our customers with qualified experts in the field of engineering, science and administration. HE Space has joined forces with CS Group to lead the engineering and digital space market in Europe and to provide highly skilled consulting.

Mechanical AIT Engineer

Key Tasks and Responsibilities

As part of Airbus, Defense and Space, Taufkirchen, Germany you will have the following responsibilities:

- Process planning in the area of mechanical/thermal AIT and reporting to the AIT manager;
- Merging external and internal AIT requirements and creating corresponding integration procedures ;
- Accompanying the integration of the individual subsystems and the overall instrument under clean room conditions (ISO class 5) and preparation of the necessary documentation;
- Preparation and execution of the space tests under ISO class 5 clean room conditions;
- Participation in test campaigns at home and abroad;
- Independent mechanical integration of high-precision mechanisms and optical instruments with the help of special tools (pretension unit, lifting devices);
- Collaboration in the system integration of optical satellite subsystems and components;
- Collaboration on all cross-departmental problems;
- Installation and calibration of strain gauges on structural components with corresponding evaluation of results;
- Support with the alignment of the system;
- Preparation and execution of mechanical and thermal environmental tests;
- Preparation and execution of functional tests at component and system level
- Technical documentation of MAIT methods (specifications, procedures, reports& hellip;)

Skills & Experience

You will have the following qualifications and relevant experience:

- Aerospace at least Master / Diploma programme or Mechanical engineering at least Master's degree / diploma programme;
- Assertiveness as well as an independent and structured way of working;
- Ability to work in a team;
- A high level of quality awareness and a meticulous approach to work (accuracy in planning and preparing preparation of AIT requirements);

Passionate about people and passionate about space

- Willingness to work flexible hours, 2-shift and weekend work in certain project phases must be given;
- The job requires a willingness to travel abroad (several times a year for approx. 3 weeks to the UK and Belgium);
- Aerospace at least 3 years;
- Many years of experience in the mechanical/ thermal/ electrical integration of sensitive (optical) flight hardware is required min. 3 years;
- Experience in mechanical assembly planning, integration & test is required min. 3 years;
- Experience with MAIT product and process documentation is required min. 3 years;
- Experience with MAIT production equipment & working methods is required min. 3 years;
- MS-Office at least knowledge of detailed functions;
- MS-Project at least knowledge of detailed functions;
- MS-Visio at least knowledge of detailed functions;
- SAP at least knowledge of detailed functions;
- Catia V5 at least knowledge of detailed functions;
- doors at least knowledge of detailed functions;
- Knowledge of VBA and macro creation is desirable;
- Knowledge of Windchill / DMU4All / MATLAB / JIRA / C++ is an advantage;
- Many years of experience in ISO class 8 and 5 cleanroom environments with ESD-critical components is mandatory;
- Good understanding of logistics and procurement processes inside and outside the plant is desirable;
- Experience with the following processes and documents, KIP, TRR, NRB, QR and AR is desirable;
- Experience with applicable standards (ECSS, EN, MIL-STD, ISO) is desirable;
- Fluency in English is mandatory; knowledge of another European language is an advantage.

This job is located in Taufkirchen, Germany.

If you think you have what it takes for this job, please send your CV (in English and in Word or PDF) to Andrés Izquierdo Gallego by clicking on the button "Apply for this job" quoting job **DE-HP-5208**.

An exciting and dynamic international working environment awaits you!

Please note: Due to work permit requirements for this position, please apply only if you are citizen of a European Union state or if you are eligible to obtain a work permit for Germany.

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