



**Oxford Space Systems is a multi-award-winning space technology business developing novel deployable spacecraft structures that are lighter, less complex and lower cost than those in current commercial demand.**

**Our vision is to become a recognised, leading supplier of highly competitive deployable structures for the global satellite industry. By working with leading academic & commercial collaborators, we're developing genuinely innovative scalable boom, panel and antenna solutions for the world's leading satellite builders.**

**Based at the Harwell Science and Innovation Campus - the UK's Space Cluster - Oxford Space Systems enjoys access to the world-class facilities & expertise of RAL Space, together with support from the UK Space Agency, ESA, Innovate UK and the Satellite Applications Catapult.**

## **Position: Precision Assembly & Test Technician (Manufacturing, Assembly, Integration and Test)**

### **Main duties:**

- Perform day to day MAIT activities for Oxford Space Systems to ensure successful delivery of the MAIT phase of internal and external funded projects including (not exhaustive): writing manufacturing plans, writing assembly procedures, writing test plans, writing test procedures, writing test reports. Travelling to different sites to manage integration/test of OSS hardware to different test facilities – Vibration, Thermal Vacuum, Radio Frequency range testing.
- Support in and assembly of R&D and flight hardware
- Support in and testing of R&D and flight hardware including functional testing/electrical testing/vibration/shock/TVAC/RF testing.
- Support the Head of MAIT in facility management
- Support the Project PA Managers in defining/writing qualified MAIT processes when required
- Monitor and report on progress of the MAIT activities to Head of MAIT
- Identify and propose business improvements and if approved support the implementation
- Support customer/internal reviews
- Visit sub-contractors/suppliers when required
- Visit customer sites when required
- Support business development team inputting into proposals for customers

### **Essential Skills and Experience:**

- Strong Bachelor's degree-level in engineering/physics related subject or HNC minimum with very strong relevant experience
- Apprentice trained a distinct advantage
- Previous experience of the Space Industry is essential.
- Demonstrable experience of using ECSS standards
- Knowledge of both theoretical and practical aspects of MAIT (Manufacturing, Assembly, Integration, Test (functional testing, Electrical bonding/isolation, Vibration, shock, TVAC, kinematic testing of deployable systems)
- Proficient in the use of Microsoft Office software



### **Personal:**

- Demonstrate a common sense/pragmatic and logical approach to problem-solving – ability to find simple solutions to complex problems
- Excellent interpersonal skills
- Excellent written/verbal communication and presentation skills
- Self-motivated to meet objectives
- Strong organisational skills
- Ability to work both alone and in teams as required by the individual task
- Ability to work within defined timescales to meet programme milestones
- Ability to work on several projects at any one time
- Driven by technical challenges, problem-solving and practical implementation of new ideas
- Willingness to learn and share knowledge with other members of the team
- Ability to gain SC clearance (be resident in the UK for at least 5 years)

If you are interested in working with Oxford Space Systems at this exciting point in the OSS story please email CV and covering letter to [jobs@oxford.space](mailto:jobs@oxford.space) with the job title you're applying for in the Subject line of the email.

Please note that only suitable candidates will be contacted.

If you are not successful in your application your data will be destroyed within 6 months of your application. We may retain your email details for future opportunities, please inform Oxford Space Systems as part of your application if you do not wish us to hold your personal email.