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 the global leader in deployable antennas for space. By working with leading academic & commercial collaborators, we're developing genuinely innovative deployable 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 world-class facilities including our own purpose built facility which houses Harwell site’s largest cleanroom.

Position: Precision Assembly & Test Technician

Main duties:

- Mechanical assembly of R&D and space flight hardware within a cleanroom environment.
- Testing of R&D and space flight hardware including functional testing/electrical testing/vibration/shock/TVAC/RF testing (training will be given) within a cleanroom environment.
- Support in the facility management (cleanrooms and industrial area)
- Support the Project PA Managers in defining/writing qualified MAIT processes when required.
- Identify and propose business improvements and if approved support the implementation
- Visit sub-contractors/suppliers when required
- Visit customer sites when required
- Carry out incoming inspections on manufactured items and fill out report
- Coaching apprentices when required
- 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 assembly procedures, 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.

Essential Skills and Experience:

- Apprentice trained a distinct advantage
- Strong discipline in engineering knowledge with very strong experience in Assembly of precision components.
- Previous experience of the Space Industry is an advantage.
- Demonstrable experience of using Assembly procedures.
- 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
- Ability to use Metrology equipment.
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 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.