

**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 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: Mechanical Design draughtsman**

### **Main duties**

- Assist project team in producing CAD model of space mechanisms and deployable structures/devices parts and assembly on SolidWorks.
- Mechanical drawings creation on SolidWorks, in accordance with BS 8888.
- Mechanical drawings creation of assembly jigs and test rigs.
- Apply tolerances according to functionality and manufacturability.
- Configure parts using SolidWorks PDM enterprise.
- Check drawings created by other team members.
- Create Bills of Materials for procurement.
- Provide technical support to procurement.

### **Essential Skills and Experience**

- Technical diploma or degree in mechanical engineering related subject.
- Knowledge of manufacturing technics to be able to design for manufacture.
- Ability to critic design to improve ease of manufacture.
- Understanding of engineering materials, surface treatments and finishes.
- High level of experience using CAD software packages for mechanical design (preferably SolidWorks) is essential.
- Proficient in the use of Microsoft Office software.
- At least 2 years experience of working in the space industry or other regulated industry is preferred.
- Familiarity with ECSS would be an advantage.
- The ability to quickly understand new technical concepts is essential.

## **Personal**

- Due to the sensitive nature of projects applicants must be eligible to gain SC clearance (normally have been a UK resident for a minimum of 5 years), exceptions will be reviewed on individual merit.
- Good interpersonal skills.
- Excellent technical English written/verbal communication and presentation skills
- Self-motivated to meet objectives.
- 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.
- Willingness to learn and share knowledge with other members of the team.

If you are interested in working with Oxford Space Systems at this exciting point in the OSS story, then please email your CV and a 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.