



JAN 2019

CSD2019

RECRUITMENT NOTICE

Role: Composite Structures Design Engineer

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Location: Inverness / Forres, UK

Travel: Occasional within Europe

Salary: Competitive / negotiable depending on experience, with relocation and equity options

Start date: ASAP 2019

We are an international space launch company seeking to recruit a forward-thinking, experienced Composite Structures Design Engineer for an exciting spaceflight design and development role based in Forres / Inverness at our new manufacturing and engineering centre.

We are seeking a **motivated, experienced Composite Structures Design Engineer** to work on a new class of orbital space launch vehicle. The systems you will work on will be a critical, integral part of the main structures of the launch vehicle.

You will probably be a highly experienced aerospace/motorsport composites engineer, working in an environment that rarely gives you a chance to see your work in action. You will be eager for a fast-paced opportunity that offers exceptional freedom and responsibility, as well as the chance to create a critical system on a European space launch vehicle.

Responsibilities of the Composite Structures Design Engineer:

- CFRP structures design and prototyping in collaboration with internal and external partners
- Design of CFRP test articles for cryogenic applications
- Working with partners to move designs from prototype to production maturity using a range of novel production techniques
- Developing and executing a testing and qualification programme
- Support to company systems engineering group on CFRP structures with design / analysis input

Requirements:

Essential

- Minimum of a bachelor's degree in aerospace, mechanical or structural engineering
- In-depth understanding of latest CFRP technologies, production methods and materials
- Hands-on experience with CFRP parts development and production.
- Pressure vessel design
- Cryogenic liquids handling and testing experience preferred
- CAD / CFD experience, SolidWorks / Ansys
- Appropriate resin safety / handling certificates
- English language skills



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Desirable

- 4-6 years of composite design experience in aerospace or similar environment
- Fluency in use of CAD system
- A flexible and dedicated mind-set
- Team player

We are looking experienced candidates who can demonstrate they get things done with a pragmatic attitude and reliable results. In this role we expect a lot of practical, hands-on engagement with suppliers and a wide degree of flexibility and responsibility to achieve a specific outcome. Your track record will be important.

For the right candidate we offer a benefits package that includes the opportunity to earn an equity stake in the company.

You must be a European citizen, from a country that is a signatory to the MTCR convention.

You may be required to undergo security screening.

How to apply

Please send your CV to recruitment@orbex.space noting "CSD2019" in your message title.