

Creating the technology to solve pipeline challenges.



OMS UK Office

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Job Description: Junior Design Engineer

Overview

OMS is an exciting multi discipline company responsible for delivering bespoke leading class vision and metrology inspection systems, typically but not limited to the Oil & Gas sector.

Working within the R&D team of 6 engineers, as a Junior Design Engineer you will provide technical support to new product developments as well as continuous improvement to existing products.

Reporting to the Senior Design Engineer, you will take on a range of design engineering projects. Helping take designs from concept through to manufacture and testing, whilst working closely in collaboration with the mechatronics and software engineers. While the role has a strong focus on mechanical design, there are opportunities to influence and gain experience in the other disciplines within the team.

Responsibilities

- Mechanical Design: Concept sketching, CAD Concept Visualization, Prototype design, 3D Printing, Proof of concept design and manufacture, Detailed Design in CAD, identifying and specifying OEM components, sourcing and ordering from suppliers, Custom foam design, Technical Drawings (including exploded views and BOM's), Photorealistic Renders & Animations.
- Mechanical Assembly: Dry assembly to ensure manufactured parts fit, working closely with manufacturing to resolve any issues, collaboration with the electrical engineers to check wiring routes and electronic assembly.
- Adhere to ISO 9001 procedures and work-flows
- After market support to operators, taking phone calls and responding to emails where appropriate.
- Documentation (MS office) — Manuals, maintain relevant ISO 9001 documentation

OMS US Office

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Representation in **Brazil**

Optical Metrology Services Limited is registered in England and Wales: 05169556

Registered Office: Unit 9, M11 Business Link, Parsonage Lane, Stansted, Essex CM24 8GF

VAT registration: 843310359





Experience/Skills	Desirable Experience/Skills
<ul style="list-style-type: none">• An organized and analytical mind-set, with an eye for detail, balanced by a creative 'outside the box' attitude to problem solving. Highly motivated to use one's own initiative.• Skills and experience in 3D CAD design packages, preferably SolidWorks.• Committed to delivering projects to agreed timescales.• Stays abreast with technological developments in Mechanical technology relevant to the company's business area.	<ul style="list-style-type: none">• Comfortable in dealing with commercial and technical contacts, client side and internally. Confident in communicating technical concepts to internal and external clients.• Experience with Adobe Creative Cloud applications• Experience with MS Office• Has the personal self-confidence to take the initiative to make things happen, has a sense of urgency and persistence to overcome obstacles and counter inertia.

Personal development within the role

OMS is a dynamic and exciting company, the right candidate will develop a high level of skill and proficiency in their role. You will be working alongside highly skilled software, design and mechatronic engineers as part of a team working at the forefront of world-leading solutions to real-world metrology challenges.

Educational requirements

The ideal candidate will be educated to degree level (BEng / MEng / BSc / MSc) in a quantitative field such as Mechanical Engineering / Mechanical Design Engineering / Product Design Engineering.

Salary

TBD, based on skills and experience