



Design Engineer

Full time position

Scientific Magnetics is a leading manufacturer of superconducting magnets and helium-free cryogenic systems, based in Abingdon, Oxfordshire. In line with our exciting expansion plans, we are hiring across a number of business-critical field service functions. We are now looking for a Design Engineer to join our busy design office.

Key Responsibilities

- ⁵M Design generation of solid models and engineering drawings from line-up information supplied by project engineers, personal experience and knowledge.
- ⁵M Construction of bills of material.
- ⁵M Providing clear and concise drawings for the assembly technicians.
- ⁵M Generation of, and adherence to, working instructions and procedures in accordance with the Company's ISO 9001:2015 Quality Assurance policy.
- ⁵M Liaison with colleagues, customers, collaborators and suppliers as necessary.
- ⁵M Assist in identifying new component suppliers and subcontractors where appropriate.
- ⁵M Supplying engineering drawings and models to customers and collaborators in the relevant format in a concise and timely manner.
- ⁵M Participation in technical design reviews.
- ⁵M Where necessary, contribute to production and development cost build-up models.



Personal attributes

- ⁵M Able to work to defined timescales and targets.
- ⁵M Confident and professional communication skills.
- ⁵M Excellent customer focus with ability to reliably respond to enquiries and communicate/interact with internal and external customers.
- ⁵M Pro-active, with a can-do approach.
- ⁵M A team player, but also comfortable working autonomously.

Qualifications and experience

- ⁵M HNC, HND in Mechanical Engineering, Design Engineering or a related discipline.
- ⁵M Ideally experienced in the design of superconducting magnets and cryogenic systems but experience of precision components & assemblies, wound coils, pressure vessels, composites or scientific equipment would be an advantage.
- ⁵M Preferably experience in using Solid Edge design software but experience with any of the following 3D solid modelling packages would be an advantage: Inventor, CATIA, CREO / Pro/ENGINEER, SolidWorks, Unigraphics.
- ⁵M Clean, valid drivers' license.

If you're interested please email your CV to jobs@scientificmagnetics.co.uk
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