



Senior 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 an experienced Senior Design Engineer to join our busy design office.

Key Responsibilities

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



Personal attributes

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

Qualifications and experience

- °M Preferably an Honours degree in Mechanical Engineering, Design engineering or a related discipline.
- °M HNC, HND in Mechanical Engineering, Design Engineering or a related discipline.
- °M Ideally experienced in the design of superconducting magnets and cryogenic systems.
- °M Preferably with significant experience in using Solid Edge design software. Alternatively, experience with CREO/Pro-Engineer design software.
- °M Experience managing complex design projects.
- °M Clean, valid drivers' license.

If you're interested please email your CV to jobs@scientificmagnetics.co.uk
Scientific Magnetics Ltd is part of Avingtrans PLC