# **Job Description**

# **Job title: Mechanical Design Engineer – Equipment, Technology and Innovation**

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| Main purpose |
| This is a full life cycle design engineering role and the successful applicant will need to possess an excellent grasp of engineering fundamentals.  The role would suit an engineer who has gained some experience in industry and is looking to enhance their skill set and progress their career.  With our equipment being specialist, familiarisation training is provided for new engineers, though knowledge of designing for manufacture, BS8888 / GD&T, bespoke machinery design, or rotary or linear motions systems is an advantage.  The role also includes opportunities for testing, prototyping and overseeing the installation and commissioning of our equipment, for which the candidate will require a good hands-on approach.  The role is UK based in either or our Wallingford or Manchester offices, but provides opportunities for travel to meet our clients around the world. |

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| Job specific duties | |
| **Engineering Design**   * Undertake engineering design, analysis, and calculations to underpin our equipment designs. * Participate in design reviews, and recommend design modifications to improve functionality, reliability, and manufacturability. * Collaborate with cross-functional teams, including electrical engineers, software engineers, and project managers, to ensure successful project completion. * Support in the development of concepts and design solutions for new technology, including planning, testing and verification activities. * Producing technical reports, specifications, and other technical documentation. * Produce 3D CAD models and drawings for detailed design. | |
| Group | Equipment, Technology and Innovation |
| Reports to | Head of Engineering |
| Responsible for |  |
| Date agreed | 30/07/2025 |