# **Job title:** Senior Engineer – Mechanical Equipment

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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 and designing for manufacture, ideally with a background in designing machinery.  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.  With our equipment being specialist, the role would suit a senior engineer with a broad experience base who is looking to progress to a principal engineering role.  The role is UK based in our Wallingford office, but provides opportunities for travel to meet our clients around the world. |

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| Main 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. * Review and approve reports, CAD models and drawings for junior engineers * Liaise and build relationships with key suppliers to procure fabrication of bespoke machinery frames. |

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| Group | Equipment, Technology & Innovation |
| Reports to | Head of Engineering |
| Responsible for |  |
| Date agreed | 25 February 2025 |