# **Job title:** Instrument Technician

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| Main purpose |
| * Assembly, test & calibration of Electro Mechanical systems for the Marine research industry.
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| Main duties |
| * Produce accurate, high quality scientific measuring equipment, adopting techniques both mechanical and electrical.
* Establish and maintain effective working relationships, communicate effectively, and work inclusively to deliver work within given specifications.
* Demonstrates and assures knowledge of in house safety procedures for production and testing activities.
* Aids in the troubleshooting and fault identification to resolve any design issues.
* Supports the company’s vision of creating the highest quality and most innovative new proprietary products.
* Assists in maintaining an adequate inventory of supplies and materials.
* Participates in the maintenance of the working area and equipment to keep the area clean, orderly and safe.
* Desire to learn new skills as required for role development.
* Working on own initiative as necessary.
* Some international travel may be required
* Have the required competencies to assemble, install, carry out preventative maintenance, repair, diagnose faults and remove and replace, and dissemble instrumentation and control systems and their associated system components.
* Be able to read and interpret relevant engineering drawings, related specifications, quality standards and equipment manuals, and to follow work instructions and relevant plans and schedules.
* Understand which tools and equipment to use and follow relevant training, methods and techniques and quality control and safety procedures for their use.
* Understand the types of defects and testing anomalies that can occur, how to identify them, and what action to take.
* Be able to handle a range of digital information, i.e. using MRP systems to locate parts as required from stores, technology and equipment to support work related tasks and to communicate information
* Responsible for making sure the instruments and testing devices are calibrated correctly and give accurate readings in line with ITTC standards.
* Produce technical Inspection and Service reports to be issued to clients.
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| Name | Tbc |
| Group | ET&I (Manchester) |
| Reports to | Eddie Kilfoyle |
| Responsible for | N/A |
| Date agreed | tbc |