# **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 |