**Role Details**

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| **Business, Location:** | NanoScience, Tubney Woods |
| **Role:** | Test Engineer ULT Systems |
| **Reports to:** | Manufacturing Team Leader |
| **Direct Reports:** | None |
| **Primary Purpose:** | **To ensure Ultra Low Temperature Systems are fully tested to specification as efficiently as possible**  **You will be able to understand the processes a manufacturing business uses to test its high capital equipment and be capable of proposing improvements within these processes** |

**Key Responsibilities**

* Systemising and testing complex Cryogenic + Magnet Systems
* Managing data trends on product performance and test times
* Fault finding and diagnostic investigations
* Working with other Manufacturing & Cryogenic / Magnet engineers to improve the efficiency of the test processes
* Maintenance and servicing of test equipment
* Testing new technology ideas off line from production
* Enhance the product build cycle
* Identify and implement cost reduction opportunities
* Review product performance against specification

**Indicative Performance Measures**

* Successfully manages personal workload meeting all milestones
* Maintains a flexible attitude to changing priorities and requirements
* Establishes and maintains effective relationships with colleagues
* Recognises the importance of customer focus and successfully identifies internal and external customers
* Maintains up to date work processes and successfully proposes changes when necessary
* Supports and maintains Continuous Improvement & Quality
* Supports and maintains Health and Safety adherence

**Person Specification – Essential requirements unless stated**

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| **Education / Qualifications:** | * Educated to PHD level in a relevant engineering discipline * You will have held a similar role in a similar environment testing complex instrumentation systems or have experience of using similar products |
| **Professional Skills/ Abilities:** | * Able to record and present technical data on trends of system performances, labour and lead times * Able to diagnose complex system failures and propose effective solutions * Able to understand how the quality control system works and produce process control documents * Compliance with all Health and Safety policies and procedures and will actively seek to improve standards in the working areas * Understanding of how the supply chain works and resolve quality and material flow issues associated with the Test Cell * Able to use MRP tools as part of the Test Cell work * Understanding of how ECR and QDR systems work * Able to process engineering changes and resolve quality defects * PC literate (Windows Operating System using Microsoft Office) |
| **Personal Qualities:** | * Able to plan effectively * Effective communicator * Customer focussed * Able to analyse effectively and make decisions * Creative and Proactive * Flexible * Able to work in a team * Desire to develop self |

Updated: November 2017

Approved by: Jo Griffiths

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| **Talent**  **Framework** | | **General** |  | |
| **Values** | **Inclusive** | Listens and engages with customers, colleagues, shareholders and partners for mutual success. |  |
| **Trusted** | Builds long-term relationships based on trust and respect. |
| **Innovative and Progressive** | Brings skill, experience and openness to new ideas to address the needs of the 21st Century. |
| **Whole hearted** | Approaches what we do with passion, with care and with pace. |
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| **Managing Yourself** | **Emotional Intelligence** | Understands own strengths and weaknesses and recognises their impact on others. |  |
| **Managing Uncertainty** | Uses experiences to anticipate and manage events and has the resilience to remain on track. |
| **Being Proactive** | Constructively challenges the way things are done and takes actions that improve outcomes. |
| **Cultural Awareness** | Is aware of and able to successfully interact with the relevant geographical and/or business culture. Contributes to a positive team culture. |
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| **Managing People** | **Teamwork** | Contributes to a positive, committed approach to work within the team. |  | |
| **Engagement** | Continually improves performance of self and contribution to the team. |  | |
| **Performance Management** | Takes ownership of own continuous professional development. |  | |
| **Development** | Is personally accountable within own role. |  | |
| **Empowering** | Speaks clearly, listens to others, and ensures that the right information is passed to the right people. |  | |
| **Communication** | Contributes to a positive, committed approach to work within the team. |  | |
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| **Managing Results** | **Planning & Delivery of Results** | Understands priorities and plans own actions to deliver results that meet objectives. Regularly reviews and adapts actions accordingly. |  | |
| **Innovation** | Looks for better ways of doing things to achieve successful results. |  | |
| **Decision Making** | Understands a decision is required and uses relevant information to act in a timely manner, escalating the decision when appropriate. |  | |
| **Business Understanding & Strategy** | Is aware of the purpose of the business and how it contributes to the OI Group. |  | |
| **Commercial Awareness** | Has an awareness of the effects of their actions on the business. |  | |
| **Customer and Markets** | Has an awareness of the needs of both internal and external customers. Responds positively to those needs. |  | |