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| Human Resources |  | Date of Completion: 02/05/2018  Page: 1 of 1 |

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| **PERSON SPECIFICATION**  **Assessment for recruitment requirements and competencies** |

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| **POST TITLE:** | Senior Beamline Scientist, B24 |
| **DIVISION/DEPARTMENT:** | Science / Life |
| **REPORTS TO:** | Principal Beamline Scientist (PBS) |

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|  |  | **SPECIFY ESSENTIAL (E) DESIRABLE (D)** |
| **SKILLS/ABILITIES** | * Good interpersonal, communication and presentation skills; | E |
|  | * Ability to interact effectively and diplomatically with staff and facility users at all levels; | E |
|  | * Ability to design, plan, organise and implement projects and tasks within an allotted timeframe; | E |
|  | * Ability and initiative to get to the heart of the problem and take it effectively through to completion; | E |
|  | * Ability to work as part of a multi-disciplinary team; | E |
|  | * Good organisational and planning skills and methodical record keeping; | E |
|  | * Self-motivation; | E |
|  | * Ability to work flexibly with occasional weekend and out of hours working; | E |
|  | * Ability to lead own research project including budget and resource management. | E |
| **KNOWLEDGE** | * Significant experience in beamline instrumentation and X-ray applications development; * Experience in correlative imaging; | E  E |
| **AND** | * Relevant X-ray Imaging experience; | D |
| **EXPERIENCE** | * 3 years post doctoral or equivalent experience; | E |
|  | * Demonstrated track record in structural biology/biological imaging; * Experience in structural/cell biology techniques; | D  E |
|  | * Commissioning and operation of instrumentation/microscopes for imaging; * Experience of working with cryopreserved biological samples; | E  D |
|  | * Experience with use of flexible experimental setups and/or sample environment equipment; | D |
|  | * Knowledge of instrumentation and optics for imaging using X-ray or light microscopy; | E |
|  | * Project management; * Experience in running a user facility; | E  D |
|  | * Experience with Windows/Linux/Unix; | E |
|  | * Knowledge of scientific programming and/or motion control. | D |
| **PROFESSIONAL QUALIFICATIONS/** | * Appropriate PhD degree or equivalent qualification or proven relevant experience. | E |
| **TRAINING** |  |  |
| \*Where a job requirement |  |  |
| **COMPETENCIES**  e.g. Technical, | * Experience with 3D printing technology; | D |
| Professional, Management, Other | * Supervision of research students or staff . | D |
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