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| Human Resources |  | Date of Completion: 10/06/2020  Page: 1 of 1 |

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

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| **POST TITLE:** | Senior Support Scientist DIAD/I12 |
| **DIVISION/DEPARTMENT:** | Physical Science |
| **REPORTS TO:** | Principal Beamline Scientist DIAD |

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|  |  | **SPECIFY ESSENTIAL (E) DESIRABLE (D)** |
| **SKILLS/ABILITIES** | * Good interpersonal, communication and presentational skills. | E |
|  | * Ability to interact with staff and facility users at all levels. | E |
|  | * Ability to work flexibly including weekend and out-of hours working. | E |
|  | * Ability and initiative to get to the heart of the problem and take it effectively through to completion. | E |
|  | * Self-motivation. | E |
|  | * Must be available to travel occasionally within the UK and abroad, including overnight absences. | E |
| **KNOWLEDGE** | * Experience in laboratory work. | E |
| **AND** | * Experience in the development of scientific instrumentation. | E |
| **EXPERIENCE** | * Experience in mechanical testing of materials or components. | E |
|  | * Experience with other forms of materials testing, for example at high or low temperatures. | D |
|  | * Experience in scientific data collection. | D |
|  | * Experience of a relevant scientific technique, e.g. X-ray imaging/tomography or diffraction. | D |
|  | * Experience of beamline instrumentation and beamline sample environment design. | D |
|  | * Experience in programming; Python, Matlab or equivalent. | D |
|  | * Experience with vacuum systems. | D |
|  | * Knowledge of beamline controls systems and X-ray optics. | D |
|  | * Experience of supporting scientists in the conduct of research at a large science facility or lab. | D |
| **PROFESSIONAL QUALIFICATIONS/** | * Appropriate PhD degree or equivalent qualification or experience. | E |
| **TRAINING** | * Ability to write and maintain clear user guides and checklists. | E |
| \*Where a job requirement |  |  |
| **COMPETENCIES**  e.g. Technical, Professional, Management, Other | * Ability to follow Health, Safety and Environmental policies and procedures. | E |
|  | * Ability to write and maintain clear user guides and checklists. | E |