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| Human Resources |  | Date of Completion: July 2021Page: 1 of 1 |

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

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| **POST TITLE:** | Senior Diagnostics Physicist / Engineer  |
| **DIVISION/DEPARTMENT:** | Technical/Diagnostics  |
| **REPORTS TO:** | Head of Beam Diagnostics Group |

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|  |  | **SPECIFY ESSENTIAL (E) DESIRABLE (D)** |
| **SKILLS/ABILITIES** | * Demonstrate ability to communicate effectively, both orally and written.
 | E |
|  | * Ability to solve technical problems, evaluating alternative courses of action and innovating where necessary.
 | E |
|  | * Demonstrate self-motivation and a willingness to take responsibility.
 | E |
|  | * Demonstrate ability to work as part of a team.
 | E |
|  | * Demonstrate ability to work effectively alone and without direct supervision.
 | E |
| **KNOWLEDGE**  | * Experience in experimental techniques and data analysis.
 | E |
| **AND** | * Knowledge and experience in rf engineering and electronics hardware.
 | E |
| **EXPERIENCE** | * Knowledge and experience in beam and/or accelerator physics.
 | D |
|  | * Knowledge and experience in system modelling and control systems.
 | E |
| **PROFESSIONAL**  | * Degree in an appropriate branch of Physics or Engineering + relevant experience
 | E |
| **QUALIFICATIONS/** | * PhD or equivalent qualification in an appropriate branch of Physics or Engineering, or evidenced by significant relevant experience
 | D |
| **TRAINING** |  |  |
| \*Where a job requirement |  |  |
| **COMPETENCIES**e.g. Technical, Professional, Management, Other | * Be willing to work overtime and at unsociable hours as required.
 | E |
| * Be willing to travel in the UK and abroad, including occasional periods away from home.
 | E |
| * Be prepared to undertake further training.
 | E |
| * Demonstrate an understanding of project planning and management
 | E |
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