PERSON SPECIFICATION
Assessment for recruitment requirements and competencies

JOB TITLE: Software Engineer

DIVISION/DEPARTMENT: Science   LINE MANAGER: Data Acquisition Group or Team Leader

		SPECIFY ESSENTIAL(E) DESIRABLE (D)
SKILLS/ABILITIES	• Ability and initiative to get to the heart of the problem and take it effectively through to completion • Good interpersonal, communication and presentational skills • Conscientious and pays attention to details • Ability to interact effectively with staff at all levels • Self motivated • Must be available to travel occasionally in UK and overseas including overnight absences • Ability to work on own initiative and take personal responsibility for delivery of work packages	All essential
KNOWLEDGE AND EXPERIENCE	• Experienced professional with significant post-qualification experience in technical software engineering • Significant relevant experience of Java and Python, or possibly C# or C++. • Excellent technical/theoretical understanding of methods, systems and approaches relating to technical software engineering e.g. Source Control, Code Review, Continuous Integration. • Experience of UNIX-like operating systems and their administration. • Skilled in developing Server and/or Client applications (especially in Eclipse's RCP Java UI framework) • Experience in managing projects • Experience of interfacing software to hardware	E E E E D D D
PROFESSIONAL QUALIFICATION/ TRAINING	• First degree in Computer Science, Engineering or Science • PhD in science	E D
COMPETENCIES -TECHNICAL -PROFESSIONAL -MANAGEMENT -OTHER	Listed above	