

PERSON SPECIFICATION

Assessment for recruitment requirements and competencies

JOB TITLE: Senior Power Supply Engineer

DIVISION/DEPARTMENT: Technical

LINE MANAGER: Head of Power Supplies Group

		SPECIFY ESSENTIAL(E) DESIRABLE (D)
SKILLS/ABILITIES	<ul style="list-style-type: none"> • Excellent interpersonal, communication and presentation skills, with an ability to interact effectively with staff at all levels. • Self motivated and ability to motivate others. 	<p>E</p> <p>E</p>
KNOWLEDGE AND EXPERIENCE	<ul style="list-style-type: none"> • Significant technical knowledge of power supply and component technologies. • Significant practical experience of the design, construction and operation of highly reliable power supplies. • Practical experience in testing, fault finding and problem solving power supplies. • Understanding of the various different power supplies used in particle accelerators types: DC, cycling and pulsed. • Knowledge of digital and analogue circuits. • Knowledge and experience of regulation, control loops and EMC issues. • Experience of project management. • Experience of line management • Knowledge of digital control interfaces • Knowledge of future trends in power supply design. 	<p>E</p> <p>E</p> <p>E</p> <p>D</p> <p>D</p> <p>D</p> <p>D</p> <p>D</p> <p>D</p> <p>D</p>
PROFESSIONAL QUALIFICATION/ TRAINING	<ul style="list-style-type: none"> • Appropriate degree in electrical/electronic engineering or equivalent qualification. 	<p>E</p>
COMPETENCIES -TECHNICAL		

<p>-PROFESSIONAL</p> <p>-MANAGEMENT</p> <p>-OTHER</p>	<ul style="list-style-type: none"> • Willingness to work outside normal working hours, including occasional evenings, nights and week-ends as operational needs dictate. • Willingness to participate in out of hours support for the operation of the power supplies. • Willingness to undertake occasional travel within the UK and overseas, to visit laboratories and companies, attend meetings and conferences etc. 	<p>E</p> <p>E</p> <p>E</p>
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