



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

**JOB TITLE: Head of Power Supplies Group**

**DIVISION/DEPARTMENT: Technical**

**LINE MANAGER: Technical Director**

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

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