

*This document sets out the nominal functional responsibilities*

<b>FUNCTIONAL TITLE</b>	Specialist Electro-Mechanical Assembly Technician
<b>FUNCTIONAL RESPONSIBILITIES</b>	
<p>The role is for a Specialist Assembly Technician for the manufacture and assembly of bespoke machines and instruments which are deployed in the nuclear industry. Given the industry, the role necessitates a precise, high accuracy approach of bespoke systems. The role is for the electro-mechanical assembly of systems and cable assemblies/looms from a drawing pack and kit list. Given the small business size, it is typical to complete the full assembly in a small team of 1-2 assembly engineers.</p> <p>As a secondary responsibility, the role would preferably include the on-site maintenance of equipment across the UK and abroad. This would involve learning the technical construction of systems in order to complete on-site support and maintenance following work instructions for a number of maintenance contracts.</p> <p>Key Role Responsibilities are:</p> <ul style="list-style-type: none"> <li>– Experienced Electrical and Mechanical Assembly Technician.</li> <li>– Precision Electrical and Mechanical assembly of bespoke small batch quantity and prototype machines, systems, and instruments.</li> <li>– Assembly and wiring of electrical control panels.</li> <li>– Ability to read and interpret electrical and mechanical drawings provided as a work package.</li> <li>– Ability to follow and develop assembly work instructions.</li> <li>– Precision soldering of high voltage networks.</li> <li>– Knowledge and experience of functional checking test equipment, such as DVM etc.</li> <li>– Experience of working at heights and use of lifting equipment preferred.</li> <li>– Support and on site maintenance work would be advantageous to deliver support of equipment at the end user sites across the UK and abroad.</li> </ul>	
<b>EXPERIENCE</b>	
<p>The role is for an experienced electro-mechanical engineer, with multiple years working in electrical and mechanical assembly disciplines. Experience of assembly and soldering to a high standard is required.</p> <p>Knowledge or experience working on nuclear assay instrumentation or with precision laboratory instrumentation is required.</p>	
<b>PERSONAL ATTRIBUTES</b>	
<p>The applicant must be able to establish and maintain good working relationships with the project and assembly teams, and must be a 'team player', able to work well in a small team. Occasionally, the role includes being in front of customers during a visit and on-site maintenance work, so a well presented, tidy individual is necessary.</p> <p>Key requirements:</p> <ul style="list-style-type: none"> <li>• Meet safety, security and behavioural expectations of working with information intended for use on, or sourced from, Nuclear Licensed sites and for working around radioactive sources</li> <li>• Punctual, and able to work to deadlines.</li> <li>• Hard working and diligent, able to complete tasks and objectives in a timely fashion when set by Project Teams.</li> <li>• Develop co-operative relationships with others within smaller teams.</li> <li>• Able to plan and prioritise work to meet set objectives.</li> <li>• Contribute towards the improvement of collaborative working.</li> <li>• Take responsibility for supervising or guiding others where appropriate.</li> <li>• Review progress towards targets and establish evidence of achievement.</li> </ul>	
<b>EDUCATION</b>	
<p>Training and qualification in electrical and mechanical engineering required.</p> <p>Knowledge and experience of working to ISO 9001 standards.</p> <p>Knowledge and experience of implementing and working with 5S (preferred)</p>	