



## Terms of Reference / Job Description

<b>Company Job Title</b>	Senior Control & Instrumentation Design Engineer
<b>Working Hours</b>	Monday to Friday, 9:00am – 5:00pm (37.5 hours per week)
<b>Approximate time spent away from Orbital Offices</b>	Role is predominantly based in the Orbital office. Visits to client premises/sites will be infrequent but could involve overnight stays.
<b>This position reports to:</b>	Engineering Manager
<b>Organogram</b>	<pre> Engineering Manager   Lead C&amp;I Engineer   <b>Senior C&amp;I Design Engineer</b>           </pre>
<b>Primary Duties:</b>	<ul style="list-style-type: none"> <li>• Taking ownership of the C&amp;I elements of project design packages for the lifecycle from Sales to Project Acceptance.</li> <li>• Translating the User Requirements Specification into a Functional Design Specification involving potentially detailed customer liaison and tracking/controlling technical questions.</li> <li>• Producing a Conceptual Design document and taking this through to detailed design, data sheets and manufacturing support information, lead design reviews and freezes.</li> <li>• Producing the factory acceptance test documentation, installation support information and commissioning documentation. Provide technical support to FAT &amp; SAT.</li> <li>• Liaising with various disciplines including Electrical, Mechanical, Software and CAD in respect to interface design.</li> <li>• Attending meetings with the client for design reviews and progress updates, helping to control change &amp; variations.</li> </ul>
<b>Secondary Duties:</b>	<ul style="list-style-type: none"> <li>• Prepare documentation for Formal Safety Assessments and for O&amp;M manuals.</li> <li>• Peer review the designs of fellow Engineers.</li> <li>• Actively participate in Design Working Groups to enhance the design standards within the department.</li> </ul>
<b>Essential Skills:</b>	<ul style="list-style-type: none"> <li>• You must possess a minimum of HNC/HND in C&amp;I Engineering or an associated discipline.</li> <li>• Knowledge and experience of the design life cycle of a project.</li> <li>• Experience working in a structured design engineering environment with exposure to a ERP or MRP System.</li> </ul>
<b>Desirable Skills:</b>	<ul style="list-style-type: none"> <li>• Previous experience of producing C&amp;I designs for hazardous area applications would be desirable although we would consider applications from individuals who have a working knowledge of ATEX regulations.</li> <li>• Experience of a Data System such as Autodesk Vault 2016/18.</li> </ul>