

Job Title:	Electrical Technician
Location:	Glasgow
Responsible To:	Operations Manager
Direct Reports:	None
Review Date & Rev No:	May 2022 Rev 0

Purpose of Job:	<p>In support of Hydrasun operations and project activities, the electrical technician will be responsible for the installation, integration and maintenance of various types of electrical installations.</p> <p>The installation and maintain electrical power equipment, motor and motor control circuits also form part a key part of the job including the installation of strut support structures and cable containment systems.</p> <p>The candidate will have a strong technical knowledge of electrical, process control and systems engineering with a comprehensive understanding of hydraulic and pneumatic systems together with a good understanding of mechanical engineering principals.</p> <p>The candidate will demonstrate previous experience, sound knowledge and understanding of low and medium voltage systems, AC/DC motor drives, along with knowledge of SCADA/MMI systems.</p>
Key Areas of Responsibility:	<p><u>Technical Duties</u></p> <ul style="list-style-type: none"> <li>• Installation of electrical equipment to IEC60079-14.</li> <li>• Inspection and testing of equipment to IEC60079-17 including the production of red-line marked as-built documentation and test records.</li> <li>• Service and repair all equipment to IEC60079-19.</li> <li>• Programming, fault finding and commissioning PLC control systems.</li> <li>• Electrical fault diagnosis and rectification.</li> <li>• Commissioning of electrical installations to applicable procedures and standards.</li> <li>• QA responsibilities and signing off certificates.</li> <li>• Make a proactive contribution to the successful implementation and maintenance of Health, Safety &amp; Environmental policies and processes.</li> <li>• Make a proactive contribution to the successful implementation and maintenance of the Quality Management System.</li> <li>• Ensure client project/work scopes are completed in line with Company/Client Agreed procedures</li> <li>• Mobilisation to site when required to carry out electrical installation and commissioning &amp; maintenance activities.</li> </ul> <p><u>Administration</u></p> <ul style="list-style-type: none"> <li>• To be responsible for knowing and understanding the Integrity Management Department targets and objectives</li> <li>• To carry out all the relevant administrative duties including test reports and as built drawings.</li> <li>• To keep any filing/admin/databases up to date.</li> </ul>

	<ul style="list-style-type: none"> <li>To adopt a “no surprises rule” and to ensure delivery against agreed objectives and targets.</li> </ul> <p><u>Continuous Improvement/Personal Development</u></p> <ul style="list-style-type: none"> <li>To be responsible for knowing and understanding your company targets and objectives.</li> <li>To be responsible for understanding, agreeing and achieving personal objectives set by Line Manager.</li> <li>To adhere to the procedures as detailed in the HSE Management System and Quality Management System.</li> <li>To adhere to the procedures as laid down by the Human Resource Management System and to take an active part in the Performance Management Process and the Competence and Training Programme.</li> <li>To complete timesheets, where required, on a timely basis.</li> <li>To put forward any suggestions for improvements.</li> <li>To attend formal Team Briefings when requested in your own time.</li> <li>To be a team member and actively promote communication and information sharing.</li> </ul>	
Interfaces:	Internal:	Hydrasun Management, Hydrasun Engineering Dept, Workshop Personnel, Stores, HR, QA, Safety.
	External:	Customers, Suppliers, Specialists, Industry bodies, Auditors
Qualifications:	Essential	Desirable
	<ul style="list-style-type: none"> <li>HNC in electrical engineering</li> <li>COMPEX (01 – 04) Gas &amp; Vapours</li> <li>C &amp; G 2382-18 (IET Wiring Regulations 18<sup>th</sup> Edition)</li> </ul>	<ul style="list-style-type: none"> <li>HND in electrical engineering</li> <li>COMPEX (07 &amp; 08) Fuel Forecourts</li> </ul>
Experience Required:	Essential	Desirable
	<ul style="list-style-type: none"> <li>Relevant, previous experience of working with hazardous area equipment environment.</li> <li>Experience of carrying out installation, commissioning, and maintenance of Electrical systems</li> <li>Completion of test documentation packs.</li> <li>Experienced in the installation and commissioning of low and medium voltage systems, AC/DC motor drives, PLC, along with knowledge of SCADA/MMI systems.</li> </ul>	<ul style="list-style-type: none"> <li>Experience working in an Oil and Gas Service Company environment.</li> <li>Experience in renewable energy market.</li> </ul>
Skills/Training/Competences:	Essential	Desirable
	<ul style="list-style-type: none"> <li>MS Excel, Word.</li> <li>Excellent written and verbal communication skills</li> <li>Good organisational and administration skills</li> <li>Ability to maintain a professional and focused approach at all times, in particular, in customer facing situations</li> <li>Keen and effective attention to detail</li> </ul>	<ul style="list-style-type: none"> <li>Knowledge of materials and processes used within Offshore/Onshore oil and gas and Marine operations</li> </ul>



## JOB DESCRIPTION

Please note that you may be requested to undertake other duties from time to time and it is possible that your duties may change over time. You will be expected to cooperate with all reasonable requests. If the changes are deemed to be longer term, then this job description will be revised.

Signature of Job Holder: \_\_\_\_\_  
Name in Capitals ( )

Date: \_\_\_\_\_

Signature of Manager: \_\_\_\_\_  
Name in Capitals ( )

Date: \_\_\_\_\_