

## Mechanical Design/Project Engineer

SN	Specification	Details
1	Job Title	Mechanical Design/Project Engineer
2	Responsibilities	<ul style="list-style-type: none"> <li>• Assist in the design and development of fuel pumping systems, assemblies, and components</li> <li>• Generate 3D CAD models</li> <li>• Generate 2D drawings for clients, fabrication, and installation</li> <li>• Support workshop fabrication/assembly as a designer</li> <li>• Support on-site installation works of pumping systems</li> <li>• Contribute design input for the tender team</li> <li>• Produce flowrate and pressure drop calculations</li> <li>• Assist with equipment selection and specification for procurement</li> <li>• Assist with procurement of components and organising materials delivery to site.</li> <li>• Participate in client meetings including HAZOP studies</li> <li>• Contribute to pump controls system design</li> </ul>
3	Qualifications	Mechanical Engineering qualification e.g. <ul style="list-style-type: none"> <li>• Bachelor's degree</li> <li>• HND</li> <li>• Approved apprenticeship</li> <li>• Experience in similar role</li> <li>• Interest in hydraulic pumping systems</li> </ul>
4	Skills and attributes	Familiar with Autodesk CAD packages <ul style="list-style-type: none"> <li>• AutoCAD</li> <li>• Revit</li> <li>• Other CAD experience welcomed but must be willing to learn and work with AutoCAD and Revit</li> </ul>
5	Behaviours	<ul style="list-style-type: none"> <li>• Strong technical skills and understanding of engineering fundamentals</li> <li>• Creative thinking and problem-solving</li> <li>• Strong teamworking skills are required to ensure effective communication and collaboration across teams</li> <li>• Cost awareness</li> <li>• Independent, proactive, working on own initiative with minimum supervision</li> </ul>

		<ul style="list-style-type: none"> <li>• Verbal and written communication</li> <li>• Accountable and responsible to deliver on commitments</li> </ul>
6	Work arrangement	<ul style="list-style-type: none"> <li>• Full-time on-site at the Spennymoor office</li> <li>• Mondays to Fridays</li> <li>• 8:30am to 4:30pm (37.5 hour working week)</li> </ul>
7	Travelling	<ul style="list-style-type: none"> <li>• Occasional travel to client sites required</li> <li>• Possession of valid UK driving licence</li> <li>• Must live within commuting distance of the Spennymoor office</li> </ul>