

<b>Job Title:</b>	VAVE Engineer - Electrical	<b>Position Type:</b>	Permanent, Full-Time
<b>Location:</b>	Melksham	<b>Grade:</b>	TBC
<b>Department:</b>	Engineering	<b>Closing Date:</b>	30/06/19
<b>Job Description:</b>			
<b>Purpose of position:</b>	<p><b>Value Analysis / Value Engineering (VAVE)</b> is a new position within our engineering department to identify cost drivers within our products which are in development and in volume production. The successful candidate will deliver identified reduction in costs via the engineering change process and identify and improve the "value" of goods or products and services.</p>		
<b>Training / education:</b>	Degree level in Electronics Engineering preferred, however, someone with practical experience in a VAVE role will be also considered.		
<b>Professional experience and / or qualifications:</b>	A minimum of 5 years recent practical design experience in complex electronics products <b>OR</b> recent experience in a VAVE role.		
<b>Additional skills and requirements (IT, languages, extensive travel, etc.):</b>	<p><b>Essential:</b></p> <ul style="list-style-type: none"> <li>• Detailed working knowledge of electrical components – e.g. Switches, relays, contactors, connectors &amp; wiring and enclosures.</li> <li>• Electrical products performance specification definition.</li> <li>• Define and conduct tests on electrical equipment and evaluates results.</li> <li>• Commercial awareness.</li> <li>• Proven experience in being able to challenge established design methodologies / architectures and detailed design solutions.</li> <li>• Proven experience in presenting new ideas and proposals for senior management approval.</li> <li>• Knowledge in mid volume electrical design and manufacturing techniques.</li> <li>• Experience of working within a formal product development lifecycle and a multi-disciplined development team.</li> <li>• Strong interpersonal skills. Strong communication skills - oral, written and presentation.</li> </ul> <p><b>Desirable:</b></p> <ul style="list-style-type: none"> <li>• Experience of VAVE processes.</li> <li>• IET Wiring regulations knowledge</li> <li>• Electrical CAD experience.</li> <li>• Windchill, CADIM or similar PLM system.</li> </ul>		
<b>Financial responsibility:</b>	VAVE saving targets as defined.		
<b>Key indicators:</b>	N/A		
<b>Responsibility for personnel:</b>	None direct - 3rd party resources as required and authorised.		

**Indicative main responsibilities / duties (5-9 key outputs):**

- Analyse established product designs and identify cost saving and valve improvement ideas.
- Work with design engineers in new product development to identify VAVE opportunities at all phases of the lifecycle.
- Evaluate, prioritise and plan delivery of design change necessary to deliver savings.
- Identify validation requirements to manage risk in design changes.
- Feasibility & Validation of alternate part sourcing / manufacturing.

**Applying for this position:****By email:**

To apply by email, please send your CV and Covering Letter to: [recruitment.resmlk@knorr-bremse.com](mailto:recruitment.resmlk@knorr-bremse.com).

Please include the '**Job Title**' in the email subject.

Please note that roles may close earlier than specified should we receive sufficient applications prior to the written closing date.