

## Job Description

An exciting opportunity exists at Artica Technologies for a Mechanical Design Engineer (manufacturing focus) to join a fast growth, creative start up team developing low energy cooling, heating and ventilation systems. The successful applicant will work with a range of exciting new sustainable products that will have a positive impact on our environment.

<b>Job Title:</b> Mechanical Design Engineer	<b>Date:</b> 11 <sup>th</sup> December 2009
<b>Department:</b> Product Development	<b>Location:</b> Oval / West London
<b>Working Hours:</b> FT	<b>Salary Range:</b> Negotiable
<b>Responsible To:</b> MD	<b>Responsible For:</b> N/A

<b>Work Experience:</b>	<ul style="list-style-type: none"><li>• Commercial experience of engineering and manufacture expected.</li><li>• Experience of the HVAC industry beneficial.</li></ul>
<b>Education / Qualifications:</b>	<ul style="list-style-type: none"><li>• Degree in Mechanical or Manufacturing Engineering.</li><li>• BEng / MEng, 2:1 or higher</li></ul>
<b>Role / Responsibilities:</b>	<ul style="list-style-type: none"><li>• Detail design and engineering of cooling, heating &amp; ventilation systems.</li><li>• Engineering analysis, including: preliminary design, calculations, expected life cycle, risks, and manufacturing methods.</li><li>• Ensuring all relevant standards and good engineering practices are met.</li><li>• Manage the accreditation process with external bodies.</li><li>• Specification, selection and procurement of parts.</li><li>• Developing manufacturing processes and reducing manufacture costs.</li><li>• Ensuring specified performance and profit margin targets are met.</li><li>• Manage projects, budgets and schedules as required.</li><li>• Work with the R&amp;D team to analyse new ideas.</li></ul>
<b>Skills / Abilities:</b>	<ul style="list-style-type: none"><li>• SolidWorks</li><li>• Knowledge of packaging and manufacturing processes.</li></ul>
<b>Personal Qualities:</b>	<ul style="list-style-type: none"><li>• Team working.</li><li>• Time management.</li><li>• Detail focus.</li></ul>

Please send a CV with salary expectations to: [recruitment@articatechnologies.com](mailto:recruitment@articatechnologies.com)

Closing date for applications: **Friday 8<sup>th</sup> January 2010**

**No agencies**