



## JOB DESCRIPTION

<b>JOB TITLE</b>	<b>PRODUCT DESIGN ENGINEER</b>		
<b>REPORTS TO</b>	<b>PRODUCTS DIRECTOR</b>	<b>DOCUMENT NO:</b>	<b>JD007</b>
<b>JOB TYPE</b>	<b>FULL TIME PERMANENT</b>	<b>REVISION:</b>	<b>A0</b>
<b>SUPERVISING</b>	<b>N/A</b>	<b>BASED</b>	<b>ABERDEEN OFFICE BROADFOLD ROAD</b>

### JOB PURPOSE SUMMARY

The Design and Engineering of Heating, Ventilation, Air Conditioning and Refrigeration Equipment for the Oil & Gas /Offshore Industry. To take on projects from initial conception and plan, design and manage project through to delivery.

### Key Responsibilities/Accountabilities:

*This job description has been designed to indicate the general nature and level of work performed by employees within this classification. It is not designed to contain or be interpreted as a comprehensive inventory of all duties, responsibilities and qualifications required of employees assigned to the role.*

- Initial product conception
- Project planning and management
- Delegation of tasks and monitoring output
- Detailed design including design calculations, refrigeration system design and fabrication design
- Creation, checking and approval of documentation, drawings, data sheets, work packs and user manuals etc
- Selection of equipment and checking compliance with relevant specifications and requirements
- Material Take Off Creation
- Day to day running of in house manufacturing projects where required
- Liaising with Clients both during and post project, thereafter providing after sales support
- Development of product range



## PERSON SPECIFICATION

<b>JOB TITLE</b>	<b>PRODUCT DESIGN ENGINEER</b>	<b>DOCUMENT NO</b>	<b>PS007</b>
<b>FOR USE WITH JD NO:</b>	<b>JD007</b>	<b>REVISION</b>	<b>A0</b>

### Qualifications/Education/Training

<b>Essential</b>	<ul style="list-style-type: none"><li>• Good communication skills in English (written and oral)</li><li>• Computer literate in Microsoft packages</li></ul>
<b>Preferred</b>	<ul style="list-style-type: none"><li>• HNC Electrical/Mechanical Engineering</li></ul>

### Work Experience

<b>Essential</b>	<ul style="list-style-type: none"><li>• Experience in Design, Calculations and Drawings</li><li>• Previous experience of Mechanical or Electrical Product Design for Manufacturing</li><li>• Commercial Awareness</li></ul>
<b>Preferred</b>	<ul style="list-style-type: none"><li>• Good understanding of refrigeration design</li><li>• Fully trained Refrigeration Engineer/Electrical Engineer</li><li>• Experience/Understanding of Atex Directives and Equipment</li></ul>

### Interpersonal Skills

<b>Essential</b>	<ul style="list-style-type: none"><li>• Team Player / Friendly / Outgoing</li><li>• Positive Outlook</li><li>• Attention to detail with a high level accuracy</li><li>• Ability to work under pressure</li><li>• Flexible and well organised</li><li>• Self motivated with the ability to use own initiative</li><li>• Articulate</li></ul>
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