

| <b>Job Description</b>  |                           |
|---|---------------------------|
| <b>Job Title:</b>   | Design Engineer           |
| <b>Department:</b>  | Engineering               |
| <b>Reporting To:</b>  | Group Engineering Manager |
| <b>Behavioural Competencies:</b>  |                           |
| <p><b>We pride ourselves on our attitude &amp; culture.</b></p> <p><b>It is essential that our core behavioural competencies are met irrespective of job role.</b></p> <p><b>Positive approach</b> - Works as part of a team, being helpful and supportive of others. Deals with problems with other team members effectively. Has a positive attitude and interacts well with others.</p> <p><b>Time Management</b> - Maintains effort until task is completed &amp; meets deadlines. Able to prioritise workload and balance conflicting demands. Understands the need for efficiencies in all areas and is pro-active. Cares about what we do.</p> <p><b>Professionalism</b> - Communicates effectively with internal and external customers, listens well to others and responds appropriately. Builds relationships &amp; is respectful to others. Maintains a suitable professional appearance and is an ambassador of Filtermist Companies at all times.</p> <p><b>Quality &amp; Customer Experience</b> - Understands Filtermist's quality requirements and objectives. Is aware of customer requirements. Has an active interest and pride in Filtermist and the service and quality we deliver.</p> <p><b>Continuous Improvement</b> - Understands the need for Continuous Improvement. Integrates new learning into existing skills. Is aware of the need for continuous learning, for development and improvement both Business &amp; Personal.</p> <p><b>Protecting People &amp; Our environment</b> - understands the importance of safety and welfare both internally and externally and works to ensure we adhere to all regulatory requirements.</p> |                           |
| <p><b>Role definition:</b></p> <p>The appointed candidate will:</p> <ul style="list-style-type: none"> <li>➤ Lead and be involved in the initial concept, design, development and management of projects for a range of products within the Filtermist Group ensuring the excellence and quality of the work carried out, using a structured product introduction processes.</li> <li>➤ Organise and effectively manage projects.</li> <li>➤ Introduce and support current product improvements.</li> <li>➤ Provide technical support to all internal and external customers.</li> <li>➤ This role will require some international travel.</li> </ul>   |                           |
| <b>Key areas of responsibility, duties and the deliverables expected:</b>   |                           |
| <p>The following list of duties is not exhaustive and may be added to from time to time as business demands.</p> <p><b>INTERNAL AND EXTERNAL CUSTOMER MANAGEMENT</b></p> <p>The appointed candidate will need to provide a comprehensive service to customers and potential customers of Filtermist International from project enquiry, through written or verbal scope(s) of work, quotation generation, order entry, acknowledgement and works orders.</p> <p><b>R&amp;D/NEW PRODUCT DEVELOPMENT</b></p> <p>The appointed candidate will be required to work with the Engineering team to design and develop new products, from concept to commercial product, to develop existing products with the aim of maintaining/improving market share, reducing costs, and widening their scope of applications including:</p> <ul style="list-style-type: none"> <li>• Developing project estimates,</li> <li>• Agreeing realistic and achievable time frames (and then ensure the wider engineering team deliver against these milestones)</li> <li>• Cost and risk</li> <li>• Arrange and/or Design technical manuals for all new or updated products</li> <li>• Work with the Purchasing department to provide technical advice and approval for all externally sourced</li> </ul>   |                           |

products

- Preparing technical documentation for the product, including drawings, diagrams and descriptions where required
- Coordinating resources allocated to the project from outside R&D (E.G. Purchasing, Production and Test Engineering) to ensure that a complete package is delivered to the company's sales channels.
- Obtaining relevant certification to show compliance with applicable standards and ensuring the wider engineering team is qualified to a sufficient standard that meets all customer and regulatory requirements.

#### **RELATIONSHIP MANAGEMENT**

The appointed candidate will be expected to liaise with other departments within the Group and /or consultants and professional bodies to obtain additional technical help and support as and when required.

#### **TECHNICAL SUPPORT**

The appointed candidate will need to provide technical advice and guidance in the use of the company's products to all internal and external employees, including the provision of product briefings and training material for all new/updated products and services. The appointed candidate will be required to support customer meetings, including visiting customer sites if necessary, and provide technical input as required.

#### **ADMINISTRATION & ACCOUNTING**

Develop and organise training sessions and resources for both export distributors and new sales team members. Overseas travel may be required. The appointed candidate will be responsible for maintaining the engineering change database for all manufactured products.

#### **REPORTING**

The appointed candidate will provide robust monthly reports for the Group Engineering Manager, reporting project adherence with regards to costs, completion and any additional deliverables.

#### **HOUSEKEEPING**

The appointed candidate will ensure the correct levels of drawing revision controls are in place and adhered to. The appointed candidate will need to -

- Ensure all project lists/ time lines and project plans are up to date and visible
- Ensure the engineering team are compliant to internal processes and procedures and compliant to external governing requirements.

#### **Qualifications & Experience:**

##### **SKILLS**

- Knowledge of structural design and vessel design. This is vital for understanding stiffening requirement for vessels operating at different pressures and vacuum ratings and for being able to design support steelwork for units sited externally (and therefore subject to wind loadings etc.) and also for units that are installed on extended supports etc.
- An understanding of fluid and powder dynamics. Understanding how materials flow and what the potential pitfalls can be is essential so that hopper geometry and design will ensure effective discharge of product from the collector or filter unit.
- Extensive sheet metal construction knowledge.
- As most of what we do is sheet metal construction, an extensive knowledge of current modern manufacturing methods in this area will be vital.
- Excellent technical knowledge within the dust control field.
- Candidate must be fully conversant with Autodesk Inventor and SolidWorks modelling software.
- Knowledge of extraction systems (HVAC) would be advantageous.

- Experience of CE implementation.
- IT skills.
- Good understanding of manufacturing processes and construction methods.
- Full driving licence.
- A strong understanding of ATEX regulations.
- A strong understanding of and DSEAR.

**Remuneration & Benefits:**

Available on request

**Role Location:**

The role will be predominately based in Telford, however there is a requirement for a multi-site presence and international travel.

**Why Filtermist?:**

Filtermist International Limited, part of the Swedish [Absolent Group](#), has been established for 50 years and is the UK market leader for oil mist extraction. Our UK made oil mist filters are trusted by world leading manufacturers in more than 60 countries in industries ranging from aerospace and automotive, to food processing and medical device manufacture.

Our company has diversified in recent years by extending the products and services we offer through both organic growth and targeted acquisitions. In addition to Filtermist oil mist filters, Filtermist International is responsible for manufacturing the following brands: [Dustcheck](#), [Gallito](#), [FastClip](#) & [Kerstar](#)

Filtermist Systems Limited, the UK sales operation, is also the UK distributor for sister company [Absolent AB](#) as well as other extraction equipment suppliers, and provides a UK wide installation and maintenance service, as well as CoSHH compliant LEV Testing for all makes and models of LEV systems.

We target excellence throughout all aspects of our businesses. We pride ourselves in operating an ambitious, fast growing and fast-paced company that offers a wide range of opportunities for employees due to ongoing significant growth.

We actively participate in lots of national funding raising initiatives throughout the year and support several charities, individuals and organisations that have direct connections with our employees. All employees can nominate causes close to their hearts for possible financial support.

We drive our businesses with key behavioural competencies that underpin how we do business - making Filtermist a great place to work.