



**AVK Syddal Limited is part of the AVK Group, who are market leaders in the supply of valves, fittings and flow control equipment to the Water, Waste Water, Oil, Gas and Fire Protection industries throughout the world.**

**A vacancy has arisen for a Product Engineer, based at our premises at Hyde, Manchester, reporting to Robin Morewood, Technical Manager.**



#### Brief Job Description

The main purpose of the role is to be responsible, technically, for all products made at AVK Syddal Limited and to drive the introduction of new products into production.

#### Qualifications and skills

The successful applicant will hold formal qualifications in English, Maths, a recognised engineering qualification to HNC/HND level or equivalent, preferably a Graduate, as well as having excellent communication skills and meticulous working practices. In addition experience of Solidworks is essential and experience/ knowledge of sheet metal/fabrication processes would be beneficial, as would a background in a similar role.



Please apply in writing, including full C.V. to :

Janet Turner -HR Support  
AVK UK Ltd  
Colliery Close  
Ireland Industrial Estate  
Staveley, Chesterfield  
S43 3FH

Email: [jatu@bdvl.co.uk](mailto:jatu@bdvl.co.uk)

<b>Job Title:</b> Product Engineer (AVKS)	<b>Department:</b> Technical
<b>Reporting to:</b> Technical Manager	<b>Responsible for:</b> Production/Procurement
<b>Other Working Relationships:</b>	
<b>Internal</b> Managing Director, General Manager, Technical Department, Production Manager, Logistics Department, Quality Department, Shop Floor and Internal Sales Department.	
<b>External</b> Suppliers, Sub-contractors and Customers	
<b>Main purpose of the job:</b>	
To be responsible, technically, for all products made at AVK Syddal Limited and to drive the introduction of new products into production.	

**Responsibilities/Duties**

- To have the responsibility for the products manufactured at AVKS with respect to:
  - Product design and development in accordance with Company PRF/PCF system.
  - Technical support (internally and externally).
  - Assist QA with root cause analysis of customer complaints which may necessitate site visits and recommend corrective, preventative action to prevent re-occurrence.
  - Monitor national standards/specifications with representation on committees if applicable.
  - Participate in innovation days with customers to highlight new products/ improvements.
  - Technical training of both Manufacturing and Sales personnel to cover the technical aspects of the product including benchmarking of AVK products vs the competition.
  - Data sheet verification.
  - Develop production process improvements together with the Production Manager.
- To drive the introduction of new products and prototypes, including design and arrange manufacture of samples, jigs, fixtures, test rigs, workflow and production line workflow, assist with product testing/evaluation, assist with 'O' series batch runs.
- To assist in quick turnaround of item cards, BOMs, drawings for product variants based on existing product offer for manufacturing including flange detail drawings, standard assembly drawings.
- Produce detail drawings for items on an order to order, quick service basis in accordance with the AVK drawing procedures.
- To carry out local product rationalisation activities at both raw material level and finished product levels with the approval of the Technical Committee.
- To re-engineer cost out of the products from within internal processes/product design and externally through the supply chain.
- To support the QA department, if and when required, with sample authorisation, NCR's.
- To provide backup to the Technical Support Engineer in respect of:
  - Assist to prepare quotations in line with the AVK product service offer
  - To manage and monitor Technical Master Data in line with the AVK Logical Number System including items, descriptions, BOMs, drawings, data sheets and operating and maintenance instructions.
  - To maintain consistent MDR data and item card descriptions in line with pre defined formats outlined with the operating procedures.
  - To provide detailed technical responses to customer related questions/queries and log in order to build a FAQ database for the website and training purposes.
  - Management and storage of drawings.
- Ensure you show regard for your fellow colleagues.
- Ensure Health & Safety regulations are adhered to at all times.
- Ensure all Company procedures are always followed.

The above is not an exhaustive list of duties and you will be expected to perform different tasks as necessitated by your changing role within the organisation and the overall business objectives of the organisation.

	<b>Essential</b>	<b>Desirable</b>	<b>Identified by</b>
<b>Qualifications</b>	HNC/HND qualification in engineering	Graduate	Application for and c.v.
<b>Skills/Attributes</b>	Reliable, determined and strong communicator. Be a team-player, a natural planner and have an ability to work under pressure. Hands-on with basic bench/machining skills.		At Interview References
<b>Knowledge</b>	Technical and Engineering process knowledge, especially in sheet metal/ fabrication. Adept in use of MS Office 2007 or later, particularly Excel, Word and Outlook		CV Application From At Interview References
<b>Relevant Experience</b>	CAD design. Working to tight deadlines. Sheet metal/fabrication processes.	Solidworkds CAD system Water/gas piping/ fittings	CV Application Form At Interview References
<b>Personal Qualities</b>	Self motivated, able to work on own initiative. Keen for new experience, responsibility and accountability. Must be a completer/finisher with an eye for detail. Able to work at a high pace with a determination to meet deadlines.	Ability to motivate and provide support	At Interview References
<b>Appearance/ Disposition</b>	Well presented and businesslike. Comfortable in dealing with personnel of all levels.		At Interview References
<b>Circumstances</b>	Clean (or near clean) driving licence and be sufficiently mobile and flexible to travel to other sites when required. Be able to work extend hours on occasions when required.		At Interview References