



## **Xelvin**

Xelvin is specialized in engineering and research positions on academic level being a preferred supplier for most leading (international) organizations located throughout the Netherlands. We can help you to find the perfect job with the company that suits you.

Xelvin offers you the opportunity to try different working environments, the freedom to expand your existing skills and experience and we want you to enjoy the variety and flexibility of different projects or help in finding the right permanent job.

The consultants of Xelvin care a lot about their customers and their employees. Their background of a solid technical education, many years of experience in the world of projects and their huge business network allows them to know exactly what is going on in the (local) market. And above all: They take pride in finding the best fitting project or job for you, with you!!

With Xelvin's business model focusing on entrepreneurship and growth of its employees they will also guide you during your projects, arrange courses to develop yourself and help to determine and reach your personal goals.

At this moment Xelvin has a vacancy in its office in Eindhoven for:

## **Jr. / Sr. Gasflow Architect R&D**

### **Department:**

The department for Vacuum, Flow and Immersion experts is charged with the development, delivery and integration of functional modules inside high tech machinery with technology areas as gas, vacuum, temperature and water flow design and control.

The holder of the position reports to the group leader Supplies and is operational within multidisciplinary projects. The group Supplies is responsible for the architecture and design of the vacuum, gas and gasflow control systems of the high tech machinery.

### **Job Mission:**

The candidate is responsible for the specification and functional integration of the gas-architecture. This work consists of a translation of the overall system specs into a gas architecture that meets these requirements. The other part of the work is to bring the system into operation with all the specified functions and a verification test to proof that the architecture is working as intended during the specification phase.

### **Job Description:**

Define the specification of a gas system, document this and present in the organization where necessary. Take care of the functional integration of the gas-system and proof the function with a test. Perform the right calculations to predict the functionality of the gas-system. (Key words: Flow, pressure drop, Gas purity, etc.) Achieve knowledge gain by literature search, experimental testing or supervision of external research activities.

### **Educational Level**

Technical University masters or PhD in Physics or Mechanical engineering. Solid design and/or theoretical experience in the above mentioned fields of interest either in research or industry.

The candidate should be able to work independently in a dynamic and explorative environment and is able to work in multidisciplinary project teams.

### **Personal Skills**

Strong analytical ability with a pragmatic attitude. Good communicational skills and good knowledge of English.

Please send your resume and motivation letter to Erik de Groote via [e.degroote@xelvin.nl](mailto:e.degroote@xelvin.nl) or call our office in Eindhoven on 040 29 10 056.

