



Heat and Mass Flow Expert (MSc or PhD) The Netherlands

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.

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

Heat and mass flow experts

Department:

The department of the heat and mass flow experts is charged with designing, building and testing the mechanical systems and sub-systems which are fitted into the end products. This specific group is concerned with the heat control, dust and chemicals conditions inside the machines.

The holder of the position reports to the group leader flow and temperature analyses and is operational within multidisciplinary projects

Job Mission:

To contribute to the development of products by designing, creating and testing, sub-systems within the restrictions imposed by system specifications, costs and planning considerations.

Job Description:

- Specifies, analyzes and supports the design, and tests modules in order to control contamination (dust or chemicals) and temperature conditions in the machine.
- Is responsible for the specification of the needed flow and temperature control of (a part of) the machine in order to achieve the desired functionality.
- Supports the design by analysis.
- Comes up with tests and performs these tests on the design to verify the specifications.
- Is responsible for the proper documentation of specifications, supporting calculations, and tests.

Educational Level

At least Technical University Master or PhD degree in mechanical engineering or (techn.) physics. Solid in both theoretical and experimental experience in the field of heat and mass flow.

Experience in the application of thermal and flow control at two- or multi-phase flow or in the field of very low pressures is a pre.

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 or call our office in Eindhoven on +31 (0) 40 29 10 056.

