

## Senior Design Engineer ASML (0 EUR)



Locatie

## Noord-Holland, Amsterdam

<https://www.advertentiax.nl/x-895596-z>



ASML is a Dutch company and currently the largest supplier in the world of photolithography systems for the semiconductor industry. The company manufactures machines for the production of integrated circuits (ICs). The photolithography machines manufactured by ASML are used in the production of computer chips. ASML's corporate headquarters is in Veldhoven, Netherlands. It is also the location for research, development, manufacturing and assembly. ASML has a worldwide customer base and over sixty service points in sixteen countries.

## Job Description

The department of Environmental Control & Infrastructure (EC&I) is part of the infrastructure cluster within the development and engineering sector of ASML. The task of this department is to develop, deliver, integrate, qualify and maintain functional modules & parts of ASML's lithography and metrology tools related to temperature control and gas conditioning, covering all fluids and vacuum. Technology areas are: gas-, vacuum- and water-flow control, architecture and design, temperature control. You will be responsible for:



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### Job Requirements

Technical University Masters or Bachelor in Mechanical engineering, or related  
Solid design experience in relevant industry  
Experience with NX/TCE required  
Candidate should be able to work independently in a dynamic exploitative environment  
Robust personality is a must  
Strong pragmatic attitude with an analytical view  
Good communicational skills and good knowledge of English

### Salary and Benefits

You will be responsible for the design of the fluid (gases, liquids/cooling and vacuum) infrastructure for the ASML machines. This work consists of a translation of the architecture into a design that meets the requirements; a creation of the 3D design, volume control, engineering changes, and communication to (and where necessary negotiation between) the interfaces. The other part of the work is to make sure the design can be manufactured, will be serviceable and meets the availability requirements.

ASML creates the conditions that enable you to realize your full potential. We provide state-of-the-art facilities, opportunities to develop your talents, international career opportunities, a stimulating and inspiring environment, and most of all, the commitment of a company that recognizes and rewards outstanding.