

# Curriculum Vitae of Martin van Heun

Martin van Heun  
Nijhoffstraat 79  
6821BJ Arnhem  
Date of birth: 16-4-1963  
Tel. 026-4431629  
E-mail: [info@mvheun.nl](mailto:info@mvheun.nl)

## Objective

An experienced projects consultant/engineer would like to apply his technical skills for consulting and engineering on Instrumentation and Process control (I&C) matters.

The projects will be executed on a freelance base. The works will be executed at my office at home.

## Working experience

2005-present

Worked as a freelance consultant.

- Write articles for technical periodical magazine Automatie.
- Write operating manuals for OPRA gas turbines , a Dutch-Norwegian company situated in Hengelo The Netherlands.
- Write new instrumentation and process control chapters for steam handbook.
- Visiting lecturer Hogeschool Utrecht industrial automation department.
- Making of process diagrams (PID's) for 78MW Siemens heatstation
- Process (automation) development for a new filtration process by Procede-NL.

2001-2005

STANDARD FASEL LENTJES Utrecht

See period 1992-1995, now as a senior I&C engineer

1995-2001

Worked on a project base as an engineer/project leader for several companies and rehabilitated for one year after a severe accident.

- Design of automation systems (PLC/SCADA) of food processing installations.
- Simulation of control systems of traffic control centers.
- Design of instrumentation and automation systems of a coatings factory.
- Design of all main system parts of gas compressor skids

1992-1995

STANDARD FASEL LENTJES Utrecht

I&C engineer

- Design of process control systems of gas turbine heat recovery boiler installations. Which consists of: ordering of all E&I field components, developing control philosophy / narrative and developing of all I&C documentation and site works descriptions.
- Coordinate sub-suppliers and site contractors
- These installations were built in: England, Ireland and Malaysia.

1987-1992

AKZO-NOBEL RESEARCH Arnhem

Instrument engineer

- Design of instrumentation of several pilot plants.
- Coordinate external engineering companies and site engineers.
- These installations were built in: Arnhem, Oss and Vilvoorde Belgium.

## **Education**

1990-1991  
Post graduate (post-hbo) multidisciplinary design of process installations

1988-1990  
Post graduate (post-hbo) Control Systems Engineering  
(Nowadays this is a Masters course)

1981-1986  
Zwolle Polytechnique (BSc.) Mechanical Engineering (Energy Technology)

1975-1981  
Atheneum β

VDI/Germany, explosion proof course.

ATEX guidelines for explosion proof equipment.

SIL functional safety.

NEN1010, safety provisions for the design of LV electrical installations.

NEN3140, safe work and inspection of LV electrical installations.

VVA1, petrochemical safety course

Boiler engineering course, Standard Fasel Lentjes Utrecht

Good knowledge of Dutch , English and German language.

## **Software experience**

Windows (XP, 2000)

Word, Excel,

Autocad, Visio , Smartdraw.

Photoshop, Frontage, Dreamweaver.

Citrix/Metaframe server applications

Promod, software modeling package according to Yourdon-method.

Conval, software package for calculating control valves and flow meters.

Database-applications in SAP, Oracle en Access

## **Drivers license**

BE, including license for adaptive control by disabled persons. In possession of car.

## **Particularity**

I got disabled (spinal cord injury) in 1996 because of an accident and have to make use of a wheel chair.