

---

## BART MUIJTJENS



Name: Muijtjens  
Surname: Bart  
Date of birth: April 16th, 1979  
Address: Ambachtsweg 80, 5272 RW  
City: Sint-Michielsgestel  
Country: Netherlands  
Phone number: +31 (0)6 421 73 663  
E-mail: [bart@bmprocess.nl](mailto:bart@bmprocess.nl)  
Marital status: Married

### Profile

Project manager and process engineer with a pragmatic, ambitious and hands-on approach. Through my passion for technology, engineering and projects I am capable of translating technical, project related or organisational challenges into clear solutions. My experience with engineering contractors, production companies as well as equipment manufacturers gives me a clear understanding of all the stakeholders in projects. Good capability to work under pressure and deadlines. Team motivator, able to maintain a 'helicopter view' in stressful situations. Good communication skills. Equally at home in both a boardroom environment and in the field.

### Education

2018/2019:	Hygienic design in the food industry, Uticon Food academy
2017:	Pressure equipment directive training, D&F Safety Academy
2017:	Personal management and effectiveness, NCOI
2015:	Vopak Project Management Program
2011:	Prince2 Foundations (Project Management Training)
2008:	Hazard and Operability Study (Hazop) leadership course (Jacobs internal)
1999 - 2004:	B.Sc. Chemical Engineering, Hogeschool Zuyd, Heerlen (NL)
1995 - 1999:	Professional technical education Process technology, Arcus College, Heerlen (NL)
1991 - 1995:	Lower general secondary education, scholengemeenschap St. Michiel, Geleen (NL)

## Employment history



### Owner, BM Process Management, self-employed - feb 2020 - present

Providing engineered performance in project management, process engineering, consultancy and process safety. Available for projects, in-company roles or specific tasks in projects and organisations. Key fields of activity:

- Engineering & design
- Consultancy (project management, engineering, safety)
- Emission control technologies
- Review of engineering studies and documents (second opinion)
- Project management
- Process safety studies (Hazop, Lopa)
- Troubleshooting, commissioning
- Maintenance work on emission control systems



### Project leader, Uticon Engineers, Eindhoven - Nov 2018 - Feb 2020

Project leader in multidisciplinary projects in the food, feed and chemical industries. Responsible for projects from start to finish. Projects for Darling ingredients, Mars, Cosun, Beneo-Remy, Zenith Energy.

Tasks and responsibilities:

- Technical and project management support for offers and quotations
- Project management of projects in food and feed industries
- Coordination of engineering disciplines in projects
- Execution of Hazop studies
- On site construction- and commissioning support
- Construction management
- Development of new project management standards
- Roll-out of new company wide project management methods
- Secretary of the works council of Uticon the Netherlands



### Project engineer process installations, Vopak, Rotterdam - Oct 2012 - Nov 2018

Royal Vopak is the world's largest independent provider of liquid bulk storage. In the Netherlands Vopak operates a total of 11 tank terminals with a combined capacity of 10 million cubic meters for storage of chemicals, oil products, vegoil and gas in both the Rotterdam and Amsterdam harbor areas.

Tasks and responsibilities:

- Responsible for projects related to process installations at the 11 Vopak terminals in the Netherlands (emphasis is on vapour treatment/recovery, thermal oxidation and waste water treatment processes).
- Engineering and project management of sustaining capex projects as well as improvement-, masterplan- and expansion projects.
- Business case development (capex/opex), technical review, total cost of ownership analysis.
- Development of process control philosophies
- Selection and management of external contractors and consultants

- Troubleshooting and identifying optimization opportunities of existing vapor treatment and waste water treatment facilities
- Support the development of the Vopak Netherlands 5-year capex portfolio
- Selection of technologies, process equipment, instrumentation, materials, etc.
- Development of (global) best practices for vapour treatment/recovery
- Main point of contact for authorities regarding emissions
- Safeguard a safe design and operation of processes

#### **Chairman of the works council, Vopak, Rotterdam - Jan 2015 - Nov 2018**

Chairman of the works council of the Vopak Europe & Africa division. Member of the Royal Vopak central works council. The works council functions as the link between the employees and the management of the company. Responsible for direct discussion with the board of directors on all operational subjects and company decisions.

#### **Process engineer, GEA Messo PT, 's-Hertogenbosch, Sept 2011 - Oct 2012**

GEA Messo PT is part of the international GEA Group AG and is focused on developing, testing and selling separation installations based on freeze concentration (food industry) and melt crystallization (chemical and oil/gas industries) technologies



#### **Tasks and responsibilities:**

- Basic and detailed process engineering of separation plants
- Development of PFD's, P&ID's, heat- and material balances
- Preparation and execution of pilot plant tests (both in-house and on-site)
- Development of process control philosophies
- Commissioning and start-up of separation plants on-site at clients
- Training of process operators
- R&D work for new technologies and process improvement

#### **Project engineer, Alten Group, Capelle a/d IJssel - Feb 2010 - Aug 2011**

Main projects:

#### **Fluor Engineering, Antwerp and Bergen op Zoom (2010 - 2011)**

Lead process engineer in several projects for clients such as Solvay (on-site), Lanxess (on-site), ExxonMobil, Shell Moerdijk and Vopak. Project/proposal engineer for development of project offers.



#### **SNC-Lavalin, Brussels (2010)**

Lead process engineer during the basic engineering phase of the greenfield construction for a glass fiber production plant in Tunisia (3B-Fibreglass) as well as a revamp of a phosphoric acid plant for JPMC in Aqaba, Jordan. Both projects executed in French.



#### **Tasks and responsibilities:**

- Lead process engineering tasks
- Supplier management
- Process engineering team lead



**Process engineer, Jacobs Engineering, Meerssen - Jun 2005 - Feb 2010**

Major projects:

**BP Amsterdam upgrade (2006-2010)**

Lead process engineer during a major terminal upgrade project, replacement of a vapor recovery unit and the installation of an ethanol blending unit at the BP Amsterdam Terminal. Project executed from the Jacobs Cologne (D) office and partially on site in Amsterdam (project executed in German, English and Dutch):

- Responsible for the conceptual, basic and detailed process design
- Draw-up of process calculations, P&ID's and PFD's
- Equipment selection, draw-up of the process control philosophy
- Providing process input during Hazop- and SIL studies
- Man-hour estimation, progress measurement
- Management of a team of engineers (3 fte)
- Scope change management and motivation to the client
- Draw-up and checking of hazardous area classification drawings
- Writing of operating manuals for the entire terminal
- Training of operators on-site
- Troubleshooting during commissioning and start-up
- Acquisition of new projects

**Nyrstar Budel Zink (2007-2010)**

- Lead process engineer for the alliance contract between Jacobs and Nyrstar, several project conducted on-site at Nyrstar Budel Zink (NL):
- Responsible for translating plant performance issues into clear engineering projects and advice
- Process design, P&ID's, PFD's, process calculations, man-hour estimates
- Chairman during several Hazop studies
- Determining the SIL level of newly designed plant additions/improvements
- Management of a multidisciplinary team of engineers
- Contact with contractors, suppliers and other external parties

Process and project engineer during several plant improvement projects for Sabic Europe, DSM Engineering Plastics, ExxonMobil. Development of Jacobs in-house training for process engineers.



**Process Engineer, Bilfinger Tebodin, Maastricht - Jan 2004 - Jun 2005**

Conceptual and basic engineering studies for several clients in the process industry such as DSM Specialty Intermediates in Geleen (NL), Knauf Insulation in Visé (B), Shin-Etsu in Wiesbaden (D), DSM Dyneema in Heerlen (NL). Responsible for the calculation of process equipment (pumps, heat exchangers, vessels) and the draw-up of P&ID's, PFD's. Providing input during Hazop studies, troubleshooting during the start-up of installations.

**Graduation project, Bilfinger Tebodin, Maastricht - Jan 2004 - Jun 2004**

Graduation project Bachelor's degree: "Heat transfer modelling in agitated reaction vessels". Goal of this study was to develop a standardized engineering and calculation tool for the design of agitated reaction vessels, depending on the process media, heating/cooling media and agitator types. Comparison of different calculation theories, optimizing calculation methods, programming of the calculations into Visual Basic. End result was a standard Excel spreadsheet that can be used to calculate the heating and cooling times and optimal agitator speeds in most common jacketed reaction vessels for the chemicals industry. Presentation of the results in a graduation report.

**Language skills**

	Verbal	Writing	Reading
<b>Dutch</b>	Native	Native	Native
<b>English</b>	Fluent	Full working proficiency	Full working proficiency
<b>German</b>	Fluent	Full working proficiency	Full working proficiency
<b>French</b>	Good	Good working proficiency	Full working proficiency
<b>Italian</b>	Basic	Basic knowledge	Good working proficiency

**Software knowledge**

Full working proficiency in Office programs, Microsoft Project.  
 Full working proficiency in Merlin Project (planning tool)  
 Basic knowledge of AutoCAD and 3D applications  
 AspenTech process explorer (Simulation and data log program)

**Extracurricular activities**

Treasurer for Speleo Nederland (national organisation for cave exploration) in 2009 and 2010  
 Responsible for the exploration group of Speleo Nederland  
 Member of GRSC caving club, Comblain-au-Pont, Belgium  
 Member of the Ryushinkan Aikido school in 's-Hertogenbosch  
 Passion for caving, martial arts, playing drums, engineering, technology, mountain biking, hiking and music.