

Dries Beyens

Personal Information

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Born: July 12, 1989 in Turnhout, Belgium
Nationality: Belgian

Gender: male
Driving license: B

Education

2010 - 2012

Master Engineering Science KULeuven

Materials Science, option Polymers & Composites

Thesis subject: The effect of carbon nanotubes on damage resistance of carbon/fiber thermoplastic composites. Paper published in Journal of Composite Materials. Graduated cum laude.

2007 - 2011

Bachelor Engineering Science KULeuven

Major Materials Science, Minor Electrical Engineering

Other Courses

2010

10-day intensive course – Vienna, Austria

10-day intensive course on piezoelectric, magnetocaloric, magnetoelectric and thermoelectric materials and their applications. International group from different European countries. Maximum score attained.

2006

Space training - ISC, Huntsville, Alabama, USA

International space training week. Selected as male Belgian representative. Very international and intensive experience, with all people extremely motivated.

Work Experience

September 2012 – present

Maintenance engineer Mechanical – SABIC

First six months at the running business (short-term) department of naphtha cracker Olefins 4. Focus on static equipment: furnaces, piping, valves, heat exchangers... Company traineeship including courses on materials & corrosion, mechanical equipment, legislation, working methodology... Obtained VCA, RCA and HAZOP certificates.

After six months transferred to site improvements (long-term) department for polymer plants (especially LDPE). I wrote preventive maintenance plans for different kinds of equipment and studied optimizing stuffing box exchanges in hypercompressors.

After taking part in the Turn Around of naphthacracker Olefins 4 in autumn 2013, I joined the static and standardization group. I handled problems like material selections and diffusion calculations.

Mid January 2014 I began working at 'Technical PE', for the LDPE, HDPE and UHMWPE plants. I am responsible for all static issues except legal inspections. This involves both day-to-day business as well as for example investment projects.

Site principal for plastics and fibre-reinforced plastics (FRP) since March 2016. I review and update Sabic site standards, the framework which all plastic piping and vessels on site need to comply with. Maintaining knowledge of state of the art industrial practices and discussing practices with other Sabic sites and companies are also part of this responsibility.

summer 2010

Five week Internship - Indupol International N.V.

Screening of all production facilities, including practical work. Optimization of a product. Theoretical simulation, actual production, testing, financial simulation. Score of 17/20.

Other Experience

2011 – 2012

Producer - VTK Revue

Producer of a theater including dance, music, video... involving 60 people. Tasks: provide all logistic support necessary and maintain and expand external contacts. Also tasks with the live music band, acting, PR...

2010 – 2011

Co-organizer - VTK Revue

Especially responsible for the live music band (13 people), besides writing, acting, organising team activities.

Languages

Dutch, English

French

German

fluent

reading and speaking capabilities

reading notions