

## **Master Internship: Subsea Project**

Period: 4 to 6 months

**Rexroth**  
Bosch Group



### **Bosch Rexroth – The Drive and Control Company**

*Bosch Rexroth is one of the world's leading specialists in the field of drive and control technologies. Under the Rexroth brand name, the company supplies more than 500,000 customers with tailored solutions for driving, controlling, and moving. Bosch Rexroth is a partner for industrial applications and factory automation, mobile applications and using renewable energies. As The Drive & Control Company, Bosch Rexroth develops, produces and sells components and systems in more than 80 countries. Bosch Rexroth. The Drive & Control Company.*

### **Department DC-IA/SEF5 Marine and Offshore.**

This department is responsible for the development of innovative application for Marine and Offshore systems for all our worldwide customers (such as technology for subsea oil and gas offshore applications).

### **Description of the internship**

We are looking for a student who is open for new challenges. For our project that is called Subsea.

#### Tasks:

- Research of technical requirements for oil and gas subsea exploration and production.
- Analysis of technical trends for subsea applications (e.g. condition monitoring).
- Definition of design principles to ensure the reliability and safety of subsea system.
- Definition of a verification and validation program (test strategy) to ensure the fulfillment of subsea requirements.
- Cooperation with a team of experts distributed in different countries (Germany, Norway, UK, Brazil and USA).

### **Profile**

- Master student: Mechanical or Electrical Engineering.
- Basic knowledge about hydraulic or electric drives and control systems
- If available, basic knowledge about petroleum engineering or subsea systems
- Basic knowledge of business administration is also welcome.
- Full time availability for at least 4 to 6 months
- Language: fluent in English, German also helpful.
- Informatics: basic Office programs and IT tools
- Self organising skill, interest on designing innovative marine and offshore system

**We offer**

We offer an assignment in an international and challenging environment for a leading organization. Initiatives are imperative due to the development nature of our department. An internship fee or graduation fee is included in the offer. Location is Boxtel.

**More information**

For more information, you can contact Mr. Alexandre Orth, Telephone +49 9352 18 1697.  
Or send an e-mail to: [alexandre.orth@boschrexroth.de](mailto:alexandre.orth@boschrexroth.de)

**Apply?**

Send your resume and cover letter to [studenten@boschrexroth.nl](mailto:studenten@boschrexroth.nl) and refer to the name of this assignment.