

Testing for Reliability Group Leader

Direct reporting: R&D Director

Functional Area: Research and Development, Gasoline Systems

Location: Robert Bosch Automotive Technologies (Thailand) Co., Ltd. Hemaraj Industrial Estate, Rayong, Thailand

Company profile:

The Bosch Group, a German company founded in 1886 by Robert Bosch, is a leading global supplier of technology and services, active in the fields of Mobility Solutions, Industrial Technology, Consumer Goods, and Energy and Building Technology.

In 2015, the company employs 374,778 associates worldwide and generates sales of 70 billion euros in 2015. The Bosch Group comprises Robert Bosch GmbH and its roughly 440 subsidiaries and regional companies in some 60 countries. Including its sales and service partners, Bosch is represented in 150 countries. Bosch applied for some 4,600 patents worldwide in 2014. The Bosch Group's strategic objective is to create solutions for a connected world.

Job roles and responsibilities

- ► Leading a group of testing for reliability including work package and competence management
- Planning technical milestone and budget control for endurance test lab.
- Ramp-up new test center
- ► Testing of automotive hydraulic components
- Measuring techniques and data processing
- Managing test laboratory

Requirements

- PhD or Master degree in mechanical engineering or related fields
- Professional experience in automotive industries and managerial experience at least 10 years
- Practical skill in testing, measurements, data analysis, and problem solving
- Experienced in testing of automotive hydraulic components
- Fluent in English
- ► Ability to lead engineers and technicians
- ► High sense of responsibility and motivation
- Good communication and cooperation
- Crossfunctional working

Your future job location offers you*

housing allowance, transportation allowance, free lunch, provident fund, medical benefits, OPD, IPD, dental benefits, performance bonus, service year reward, insurance, diligent allowance, marriage allowance, new born gift, oversea allowance, mobile phone, etc.



Reliability Manager

Functional Area: Research and Development, Gasoline Systems

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Job roles and responsibilities

- Finite Element Simulation and Fatigue Assessment
- Development and optimization of reliability concept
- Assessment of field loads
- Development of High Pressure Pumps for GDI (Gasoline Direct Injection)
- Communication with development partners in engineering, purchasing, project management, suppliers and customers
- Potential for future Team Leader Reliability

Requirements

- Bachelor's degree or Master degree in Mechanical Engineering, Materials Sciences or similar (Master or PhD are avaliable) focus on material science, fatigue,
- Professional experience at least 4 years
- Knowledge on component design and development
- Excellent Knowledge on Technical Mechanics, Fatigue, Elastostatics and dynamics
- MATLAB
- Structural FE simulation, preferably ANSYS or ABAQUS
- Knowledge on materical strength, durability, fatigue and numerical reliability concepts
- Very good in English

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Product Design Engineer / Asst Manager (Fuel Injector)

Functional Area: Research and Development, Gasoline Systems

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Job roles and responsibilities

- Development of Fuel Injector for port fuel Injection
- Layout and design groups and design elements including tolerancing
- Drawing generation and technical documentation
- ► Coordination with suppliers, manufacturing and development partners
- Design assessment by FMEA or DRBFM
- Supporting engineering changes

Requirements

- ▶ Master degree in Mechanical Engineering or similar
- Professional experience at least 2 years in automotive industries
- Experience development of electro-hydraulical components
- Automotive system technologies
- Expert in layout and tolerancing
- ▶ 3D-CAD, preferably Unigraphics
- ► Familiar with FMEA / DRFBM
- Expert SAP and Teamcenter
- Very good in English
- ▶ High sense of responsibility and motivation
- ► Good communication and cooperation

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Referred to company regulation



Endurance Test Assistant Manager

Functional Area: Research and Development, Gasoline Systems

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Job roles and responsibilities

- Planning and tracking of endurance tests for high pressure pumps
- Ensuring test quality by planning and performing measurements on test benches and analyzing data
- Coordination of test bench maintenance
- Creation of test reports and related customer support
- Support of build-up testing facility: equipment and infrastructure planning
- Communication with internal and external development partners

Requirements

- Master Degree or Ph.D in mechanical, mechatronics, automotive / aeronautical / aerospace engineering or similar
- Very good in English
- ► Professional experience >=4 years
- Mechanics, Dynamics: Understanding physical principles, analyzing problems, derivation of loads
- Vibration and Pulsations: Understanding physical principles, analyzing problems, derivation of loads.
- Design of experiments (DOE)
- Data Post Processing by MATLAB or similar
- Knowledge in using electronic data recorder and advanced sensor technologies
- Knowledge on concepts in reliability testing

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Validation Engineer / Asst Manager

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Job roles and responsibilities

- Development of High Pressure Pumps for GDI (Gasoline Direct Injection)
- Evaluate of endurance test results
- Technical planning and coordinating to release testing procedure
- Define and Optimize of test methods
- Communicate with engineering function and customers

Requirements

- Bachelor's degree or Master degree in Mechanical Engineering or Electrical Engineering or similar PhD
- Very good in English
- Professional experience at least 2 years
- Excellent knowledge on system analysis, dynamics, test methods and system control
- ► Knowledge on fluid dynamics, electronics
- MATLAB, Famous
- Data post processing
- ► Electronic data recorder
- Knowledge on component design and layout
- Knowledge on Validation strategy and plan
- Knowledge on Failure mechanism and wear

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Make it happen.



Customer Project Engineer

Functional Area: Research and Development, Gasoline Systems

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Job roles and responsibilities

- Support new plant pilot project
- Support customer project
- Support internal window person to R&D Thailand coordinating R&D projects
- Support task force

Requirements

- Master degree in mechanical engineering, electrical Engineering or related fields
- Professional experience up to 3 years
- Fluent in English
- Comfortable in leading a people and discussions
- Positive attitude and willingness to work in a multinational team
- Ability to make balanced decision
- Ability to take initiative
- Problem solving ability
- Ability to break down and explain complex topics
- Good communication and cooperation skills
- Cross-functional working
- Assertiveness, readiness for action
- Ability to work under pressure
- Customer orientation

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Customer Project Manager

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Job roles and responsibilities

- Project Leader in new plant pilot project
- Lead in customer project
- ► Internal window person to R&D Thailand coordinating engineering projects
- Lead task force

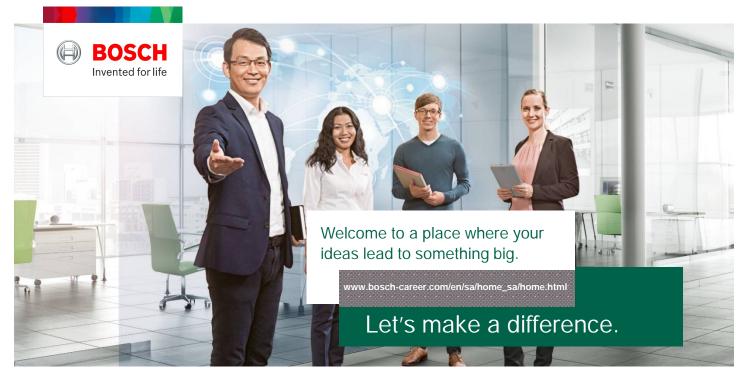
Requirements

- ▶ Bachelor or Master degree in mechanical engineering, electrical Engineering or related fields
- Professional experience in project management and relevant tools at least 6 years
- Good knowledge in automotive component
- Direct customer experience, preferably in automotive field
- ▶ Fluent in English
- ▶ Japanese / German / Chinese are advantage
- Confident in leading a people and discussions
- Positive attitude and willingness to work in a multinational team and Cross-functional working
- ▶ Ability to take initiative and follow up actions
- Lead task force and problem solve
- Ability to negotiate with multiple parties (customer, supplies etc.)
- Ability to break down and explain complex topics
- Good communication and cooperation skills
- Assertiveness, readiness for action
- Ability to work under pressure
- Good presentation skills
- Knowledge and ability to lead development skills

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Future Manager Program - R&D

Functional Area: Research and Development

Location: Robert Bosch Automotive Technologies (Thailand) Co., Ltd. Hemaraj Industrial Estate, Rayong, Thailand

The Junior Managers Program at a glance:

The Junior Managers Program is our global concept to prepare executive talent for the future. A hands-on approach is used to coach and train qualified young talent to take on a leadership role within our company.

During a period of 18 to 24 months, you complete four to six assignments in your functional area, including one placement abroad. You are actively involved in day-to-day business and projects as well as benefiting from professional and individual guidance. We help you choose the right combination of assignments to match your interests and skills. In other words, you can let us know the departments, divisions and locations where you would like to learn and exercise leadership expertise. You can count on your mentor for professional guidance along the way.

Job roles and responsibilities

- Setting-up and optimizing management tools such as meeting cascade, team board, MPM, SPM, capacity analysis, CIP, reporting ... within GS/ENG-TH
- Coordination (and assistance) of student activities within GS/ENG-TH, i.e. tracking student activities, taking care of common needs, optimizing university contacts, generating feedback and reporting from this activities
- Mainly coordinating shared services and collaboration with Vietnam
- ▶ Assistance in implementation of lean management tools
- Coordination and support of R&D student programs, internships and qualification
- Coordination and support of engineering cross-activities within Bosch International Engineering Network, mainly within ASEAN

Requirements

- Clear leadership potential, target orientation, initiative and critical reflection skills
- Preferably Master Degree or Ph.D with above average GPA (mechanical, mechatronics, automotive/ aeronautical/ aerospace engineering or similar)
- International experience during studies or work
- Business fluent in English and Thai
- ▶ Professional experience 2-5 years

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Make it happen.



Start something big today. Apply as

R&D Engineering internship – R&D Thailand

Period: 6-12 Months

Functional Area: Research and Development, Gasoline Systems

Location: Robert Bosch Automotive Technologies (Thailand) Co., Ltd. Hemaraj Industrial Estate, Rayong, Thailand And/or The Sirindhorn International Thai-German Graduate School of Engineering (TGGS), Bangkok

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Job description

- ► Support work organization
- Support infrastructure
- Lean methods

Requirements

- Studying in 4th year of bachelor's degree or master degree or PhD in following major;
- Major: Mechanical, Mechatronics, Electrical, Aerospace, Automotive, Material, Industrial, Chemical.
- Fluent in English
- ▶ Efficient with Microsoft office programs