

Job Description

Job Title	Product Testing Engineering Intern
Reports to	Issac Nielsen
Department	Product Testing
Department Manager	Head of Product Testing
Location(s)	Rugby
Business Unit / Profit Centre	MAHLE Engine Systems

Purpose of Job

To assist the Product Testing team in test equipment upgrades through research, design, documentation, and actual implementation of a new standard set of equipment.

Duties

- Model New components and fit to existing CAD models
- Request quotes and place orders for new parts
- Build and test prototype circuits to ensure proper design
- Assemble cable harnesses and hydraulic circuits
- Assist with product builds and documentation
- Support multiple test equipment platforms
- Within the positions scope, contribute to the completion of departmental objectives (technical, financial, quality)
- Maintain awareness of and meet the requirements of the Company Quality system.
- Required to observe all safety rules and regulations, must act safely and be responsible for the safety of others around the work area
- To perform any other duties reasonably required to achieve departmental and/or Company objectives

Qualifications

- Working towards BSC in a technical or engineering field.

Skills and Experience

- To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. (Essential)
- Work independently and take ownership and accountability of assignments (Essential)
- Be able to model parts in a 3D CAD program without assistance (Essential)
- Independent problem solving ability (Essential)
- Must be able to perform basic job duties with minimum supervision (Essential)
- Great attention to detail (Essential)
- Excellent verbal and written communication skills (Essential)
- Excellent organisational skills (Essential)
- Ability to communicate well with both technical and non-technical team members. (Essential)
- Great team player (Essential)
- Ability to focus on multiple projects at a time (essential)
- Ability to apply and understand advanced mathematical concepts and equations (essential)
- Ability to define problems, collect data, establish facts and draw valid conclusions
- Able to interpret a variety of technical instructions in mathematical or diagram form

- Familiar with hydraulic components and hydraulic theories of operation (Desired)
- Familiar with reading electrical and hydraulic schematics(Desired)
- Good working use of Microsoft systems (desired)

Competencies

State what behaviours are important in this job – only complete this section if an approved competency scheme is in use!

Approved by Line Manager: *Issac Nielsen*

Signature *Issac Nielsen*

Reviewed by HR:

Signature

HR use only

Description date:

Description number:

Grading scheme/Job Family:

Job Grade:

Approved:

This document is for reference but does not form part of the contract of employment and may be amended.