

# MRB SCHUMAG

## JOB DESCRIPTION

**NAME:**

**JOB TITLE:** Mechanical Design Engineer

**REPORTING TO:**

The primary objective of a Design Engineer is to produce mechanical design calculations, and contribute to all technical aspects of the assigned project through all stages of the product development cycle from the initial design, through to transfer to production, and to provide effective design solutions to meet the needs of the Client.

**MAIN DUTIES AND RESPONSIBILITIES**

- Producing 3-D component manufacturing and assembly drawings to meet all requirements
- Documenting and implementing design changes for continued improvement and awareness of quality
- Designing and implementing cost effective design modifications to improve reliability
- Proposing design modifications to improve on future design
- Assisting in managing projects using engineering principles and techniques
- Mechanical design calculations to demonstrate designs are effective
- Liaising with sub-contractors to solve design issues
- Identify and implement design improvements
- Effective communication with other members of the design team
- Evaluation of design specifications and technical drawings
- Checking and approval of component and assembly drawings
- Ensuring that all design work is completed in accordance with agreed schedules
- All design work is produced using specified materials including publishing Technical Specification
- Time manage effectively and efficiently
- Contribute to the development and performance of the department, ensuring the highest levels of teamwork
- Any ad hoc duties that are deemed necessary for the effective performance of the role
- Pursue personal development of the role to maintain high levels of knowledge and capability

**SIGNED:**

**DATE:**