

Job Description	
Job Name :	Mechanical Design Team Leader
Job group :	Engineering
Reports to :	Mechanical Design Manager



Purpose of the Role

Role

- Provide professional guidance to your team whole design process from initial involvement with Applications through to support for the Service Department for the projects in your portfolio.
- For projects in your portfolio working with the Engineering Managers provide technical risk mitigation plans to minimise the technical risk of delivery through the whole life of a project, from concept to Service involvement, with respect of safety, functionality, environment, cost, machine life, reliability, through the adoption of proven methods.
- Assist your design teams to always design machines to have an operating window within the target required by Commissioning and the Customers requirements.
- Provide clear instructions and 'how-to' aligned to Mpac's SOP's, Templates, WI and Handbooks, and advise where needed additional are developed or enhanced.
- Manage the delivery plans aligned with Project requirements from initial sales order.
- Working with your team assign roles and responsibilities for project leads for the mechanical function making sure to prioritise the needs of electrical and software functions to a successful delivery.
- Working with the Engineering Managers guidance for the teams to deliver safe, fit for purpose, maintainable, reliable, sustainable, fully integrated electro-mechanical modules and machines, balancing the technical risks with agreement the EC&I manager and the Mpac Specialist Engineers.
- Provide the Engineering Delivery with the correct dates, metrics and support to allow for accurate documentation planning and delivery.
- Guide your Design teams to maximise proven technology, reducing project specific bespoke designs to a minimum.
- Support the Apps and Mechanical Design managers with accurate estimates for Mechanical design and support Engineering delivery with accurate assessment of the level of documentation required for build..
- Working with the Mechanical Design manager and Project lead engineers to efficiently plan projects through the business from Sales enquiry through to SAT and handover to Service.
- Working with the Specialist Engineers and Product Specialists to ensure the Designs are aligned with best practice and customer expectations.
- Assess and guide where necessary corrective action plans to ensure fit for purpose delivery is possible within cost and delivery constraints.

Responsibilities

- Provide clear resource requirements for projects, including necessary skill set and aid with interviewing for your projects in your portfolio.
- Assist with Interviewing suitable candidates for projects in your portfolio.
- Work in constantly improve the business processes are optimised in the delivery of mechanical design to deliver best results for Mpac and our customers.
- Ensure documentation is checked and fit for purpose, any improvements are fed to the Mechanical & Electrical Quality leads.
- Ensure any design resource for build, commissioning, FAT, SAT, and Service are planned and provided to the Engineering Delivery and Service Dept.
- Provide scope for improvement projects to improve delivery efficiency and Quality improvements.
- Provide planning and liaison with outside contractors required for project delivery.
- Assist in planning meetings with the Mpac management team to ensure timely delivery.
- Develop your team with Personal Development plans and Appraisals aligned to the goals of the Engineering Department.
- Check design documentation is completed correctly and available for all project releases, ensuring quality, suitability and correctness and aligned to the specific project requirements.

Key Accountabilities

Accountable for the Mechanical Design function for projects in your portfolio output to be fit for purpose, accurate and on time.

Key Responsibilities

Designing and delivering Engineered projects in your portfolio on time, of the required quality and within Budgetary limits.

Core Behavioural Competences

Mpac Lambert Core Competencies

1. Safety Health Environment (SHE)
2. Flexibility
3. Initiative
4. Thoroughness
5. Positive Self Image
6. Self-Development

Role Specific Competencies

1. Teamwork
2. Quality
3. Safety
4. Completeness

Knowledge and Experience

Essential

Ability to manage priorities for stakeholders and providing clear reporting.

Ability to provide clear technical instruction.

Understand and deliver efficiency improvements.

Methods of improving delivered Quality of design.

Planning work and scheduling resource.

Desirable

Track record designing and delivering engineered projects, within a multidisciplinary team.

Technical Skills and Qualifications

Essential

A further qualification in a discipline of Engineering, or equivalent.

Desirable

Design Management experience, Chartered Engineer.

Relationship and Reporting Line

Line Manager – Mechanical Design Manager

Responsible for – Mechanical Designers, Engineers, training Engineers of all levels.