

# TPL: TECHNICAL PROJECT LEADER

## Tus actividades

The Technical Project Lead is responsible for the success of the project and is leading all development and technical project management activities related to the project in the R&D of Cairo M. In case of projects involving more Continental R&D locations, cooperates with project Core Team

TPL leads the technical planning and tracking of engineering disciplines to achieve a defined degree of maturity within the given time (project milestones) and cost frame (budget) of the development project. She/he plans, drives and coordinates all product engineering activities (requirements, architecture, design, functional simulation and analysis), ensuring feasibility, maturity monitoring, risk mitigation and problem solving, release.

## Tu perfil

### Engineering Planning and Tracking:

- Define, plan and coordinate the engineering activities to implement all technical requirements given by the customer and stakeholder, based on State-of-the-Art Systems Engineering approach
- Create / update Work Breakdown Structure (WBS) with all workpackages
- Create / update Schedule acc. to customer and internal milestones
- Estimate the effort and support the cost and budget estimation of the PM

### System Engineering and Design:

- Perform and coordinate Stakeholder Request Analysis and Alignment for the relevant requirements
- Perform and Drive Requirements Engineering and
- Drive functional simulations & analyses and consolidate their results
- Request engineering tests and consolidate their results
- Perform and/or drive Functional System Design Definition (incl. concept & solution decision, definition of countermeasures)

### Mechanical Component and Detailed Design:

- Drive structural simulations & analyses and consolidate their results
- Drive creation of BOM, proper assembly and component design and manufacturing documents
- Ensure manufacturing feasibility of parts and assembly
- Ensure that platform standards are applied

### Integration & Verification Test:

- Ensure traceability of requirements to verification & validation test cases
- Ensure full requirement coverage



Job ID  
**REF85147H**

Área de trabajo  
**Investigación y Desarrollo**

Ubicación  
**Cairo Montenotte**

Nivel de liderazgo  
**Autoliderazgo**

Flexibilidad laboral  
**Trabajo Presencial**

Nombre de contacto  
**Gloriana Baccino**

Unidad jurídica  
**Continental Brakes Italy S.p.A.**

- Support the Project Test Manager in definition of Integration, verification & validation test concept and test cases

#### **Product Maturity and Technical Risk Management:**

- Constant Monitoring of the Product Maturity for the ME subsystem
- Support TPL in Technical Risk Management for the ME subsystem
- Identify and prioritize Technical Risks for the ME subsystem
- Define Action and Risk Mitigation Plans, drive and ensure their implementation
- Plan and Drive Design FMEA (ME part) creation, maintenance and review
- Utilize Design FMEA results to define activities for risk mitigation
- Support FMEA of other disciplines (Design FMEA System, Process FMEA)

#### **Engineering Release Management:**

- Create and update ME Release Plan acc. to the MLC process
- Drive and ensure Release Preparation and Documentation
- Track and close release action plans
- Present Release Recommendation to Engineering Release Manager

#### **Stakeholder Management and Collaboration R&D internal:**

- Built positive relationships with the listed Stakeholders (see "contacts" above) through the appropriate management of their expectations and agreed objectives.
- Collaborate with other project core team members to ensure project targets
- Assign work packages to RD Excellence Teams (incl. limitations & deadlines, inform about project needs and timing)
- Use the resources of the respective RD Excellence teams to ensure the project deliveries
- Drive participation of the RD Excellence team members and experts in the project work
- Constant exchange and alignment with engineering excellence dept. head
- Constant cross-project exchange with other Technical Project Leaders to identify and align strategy on common topics

#### **Conflict and Escalation Management:**

- Escalate insufficient support (quality, capacity, processes and tools) of ME design related topics to the Head of Mechanical Engineering
- Escalate conflicts within the core team regarding the trade-off of project and engineering Excellence to RD Management
- Escalate insufficient collaboration of core team members to Head of Application
- Escalate Technical and Project Risks to RD Management

#### **Supplier Management:**

- Plan, lead and coordinate all activities at the technical interface with built-to-spec suppliers and built-to-print component suppliers

#### **Special Characteristics:**

- Drive SC alignment with the customers and all relevant parties

- Initiate, drive and ensure internal SC process
- Identify and analyze related SCs (including interfaces to system and manufacturing and assembly process)

#### **Change and Claim Management:**

- Support PM in change and claim management by delivering all relevant and needed information (ME part)
- Engineering Excellence Strategy and Capacities
- Share information about trends and future needs regarding technologies, regulations, engineering standards, future projects and needed capacities etc.

#### **Structured Technical Problem Solving:**

- Perform and steer Structured Problem Solving
- Be able to explain chain of effects (full responsibility)

### **Lo que ofrecemos**

#### **Knowledge fields:**

Project Planning : **advanced**

Task scheduling and priority assignment : **advanced**

Mechanical design, functions and requirements : **advanced**

System architecture, functions and requirements : **basic**

Requirements validation methods : **advanced**

PLC / MLC process knowledge, deliverables & responsibility from Quotation phase to SOP : **advanced**

Structured problem solving : **advanced**

Release process and work products : **advanced**

English Language : **advanced**

PPAP process : **basic**

Public speaking and communication skills : **advanced**

Leadership : **advanced**

Budget calculation and cost tracking : **advanced**

**Education/Certification:**

- Engineering Degree 3 years experience in technical project coordination roles, or in alternative

**Professional experience:**

- 3 years experience in technical project coordination roles, or in alternative
- 3 years experience as team member in structured development projects (duration >6 months, defined development procedures) for external customers)
- proficient in minimum 1 foreign languages, English and Italian are mandatory

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