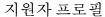


# TPL: TECHNICAL PROJECT LEADER

## 담당 업무

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



### **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



직무-아이디

REF85147H

모집 분야 연구개발

지사

**Cairo Montenotte** 

리더십레벨

**Leading Self** 

근무 유형

**Onsite Job** 

이름

Gloriana Baccino

법률 고지

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 subsytem
- 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 ensures 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.
- Constant cross-project exchange with other Technical Project Leadeers 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
- scalate 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 maunfacturing 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, regulatories, 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)

처우 조건

#### **Knowledge fileds:**

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 & responsability

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 Degree3 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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### 기업소개

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