

Product Development Engineer

Your tasks

Lead belt and belt system PD projects and provide support to other functions & departments as PD team member, formulation selection, component selection, construction development and ownership to improve belt functional and durability performance

Develop belt specifications to define materials and process steps for building prototype belts, define DFMEA and product DVP to meet the project requirement book and develop test plans and procedures, define product requalification plan (product audit plan). Coordinate with controlling for the belt cost calculation

Define the sample mold size and belt profile dimensions & geometry for specific belt sections, length, and pitch; prototype tooling definition and ordering

Requesting new development from R&D central function (product platform development, material platform development)

Development projects management-Ensure project plans are defined to reach the PD project targets, regularly review status of projects for timeliness and completion of requirements, assess product requests from PDM with feasibility studies

Work with MatPE & PPI to ensure a successful product launch and stable production process. Production trials up to verified and approved design (Gate 50). Support of localization activities (materials-PD and processes-MatPE & PPI), support MatPE PI & PPI through Gate 90 for new constructions

Evaluate returned failed belts from customers and competitor belts to identify opportunities for belt construction improvements; market specific product benchmarking in strong cooperation with market organization

Work with Material Platform / Material Process Engineering to define specifications and test procedures for raw material suppliers (cord, fabric, coating, rubber, thermoplastics, etc.). Assist in the development of new alternative material suppliers and support audit if necessary

Define with Test Department necessary new test methods to check product quality, submit request for prototype belt testing by physical and dynamic labs, evaluate the test results, documentation of test results for discussion with application engineering and/or internal customer

Your profile

- Overall technical knowledge of power transmission systems-Expert
- Technical knowledge of product materials (compounds, textile cord, textile fabric)-Advanced
- Overall knowledge of belt development/ physics / belt manufacturing processes-Expert
- Negotiation skills, Project management skills-Advanced
- Quality management methods (FMEA, statistics, 6 sigma, Yokoten), Intellectual property-Basic



Job ID
REF86584R

Location
Sonipat

Leadership level
Leading Self

Job flexibility
Onsite Job

Legal Entity
ContiTech India Pvt. Ltd.

Our offer

Ready to drive with Continental? Take the first step and fill in the online application.

About us

ContiTech India Private Limited is a part of Industrial Solution IAPAC of ContiTech AG, which in turn is part of holding company Continental Corporation, Germany. The company was incorporated on 05th November 1992. The registered office is located in New Delhi and the plant is located at Village Badkhalsa, Sonapat, Haryana. Our company is a global leader in the processing of technical rubber and plastics and offers a wide range of innovative and precise products. The company in Sonipat It has around 469 employees and mainly produce Power Transimission Solution products, include Raw edge V belt\Wrapped V belt\Banded V belt and Multi-rib belt.