

Hydraulic Hose Development Specialist - Greenfield

Your tasks

The ContiTech group sector develops and manufactures, for example, cross-material, environmentally friendly and intelligent products and systems for the automotive industry, railway engineering, mining, agriculture, and other key industries. Guided by the vision of “smart and sustainable solutions beyond rubber,” the group sector draws on its long-standing knowledge of the industry and materials to open new business opportunities by combining various materials with electronic components and individual services.

ContiTech, a division of Continental, is one of the world’s leading suppliers of technical elastomer products and is a specialist in plastics technology. ContiTech develops and produces functional parts, components, and systems for machine and plant engineering, mining, the automotive industry, and other important industries. We are seeking a **Fluid Handling Solutions Hydraulic Hose Product Development Engineer** to join our team.

Develop new and innovative fluid handling solutions for hydraulic hoses and assemblies

Coordinate sample and prototype building process, including documentation.

Support the local supplier development process (Product Evaluation).
Manage Individual Projects.

Responsible for the design and implementation of hydraulic fluid handling solutions.

This includes the development of tools and processes to support new technology.

Lead Fluid Handling Hydraulic Hose Product Development projects.

Support Product Development projects and tasks as team member.

Provide support to other functions & departments as a Product Development team member.

Exchange know how throughout regional and global locations.

Support global standardization and consolidation of product specifications .

Develop hydraulic hose, fittings and assembly specifications to define materials and process steps for building prototypes and final products.

Define and specify tooling as required.

Develop new hose and fitting constructions to improve hose functionality and performance.

Obtain the materials for producing sample hose, fittings and assemblies to fulfill the project/customer requirement.

Ensure project plans are defined to reach the Product Development project targets. Regularly review status of projects for timeliness and completion of requirements.



Job ID
REF72477S

Field of work
Engineering

Location
Aguascalientes - Contitech

Leadership level
Leading Self

Job flexibility
Onsite Job

Contact
Felisa Espinosa

Legal Entity
**ContiTech Mexicana, S. de R.L.
de C.V.**

Assess product requests from PLC with feasibility studies.
Support of Application Engineering, PPI, Operations and Quality departments to satisfy PLC requirements.

Work with PPI to ensure a successful product launch and stable production process (low scrap rate, robust product data).
Coordinate with controller for cost calculations.
Provide support to evaluate processability, sample production scrap rate, and sample quality.
Support of localization activities (materials-R&D and processes-PPI).

Define DFMEA and product DVP to meet the project requirement book and develop test plans and procedures
Define procedures for requalification plan (audit plan).

Work with Technology and Purchasing to define specifications and test procedures for raw material suppliers.
Assist in the development of new alternative material suppliers.

Define necessary new test methods to check product quality.
Organize the prototype testing by labs.
Evaluate the test results, documentation of test results for discussion with application engineering and/or customer.
Benchmark testing of competitive product.

Your profile

- Bachelor's degree in Mechanical Engineer or BS Chemical Engineer.
- Experience in the development of technical products.
- Experience 3-5 years with rubber and thermoplastic products.

Our offer

At Continental we are committed to building an inclusive and discrimination-free ecosystem in Mexico, these principles are rooted in our corporate philosophy and culture. Therefore, it is totally forbidden to request a pregnancy or HIV test as part of our selection processes.

#LI-FE2

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

About us

Continental develops pioneering technologies and services for sustainable and connected mobility of people and their goods. Founded in 1871, the technology company offers safe, efficient, intelligent and affordable solutions for vehicles, machines, traffic and transportation. In 2022, Continental generated sales of €39.4 billion and currently employs around 200,000 people in 57 countries and markets.