

# Sr Development Engineer

## Ihre Aufgaben

### THE POSITION

NOTICE OF FILING OF APPLICATION UNDER THE U.S. DEPARTMENT OF

LABOR'S PERMANENT LABOR CERTIFICATION PROGRAM

**Sr Development Engineer, ContiTech USA, LLC, Rochester Hills, MI:**

- Responsible for technical aspects with the customer and internal functions including belt drive design, risk assessment, definition of belt specification, prototype deliveries, Design Failure Mode and Effect Analysis and Design Verification Plan Report including functional and durability validation for the region.
- Develop testing procedures in cooperation with customers, Research and Development, testing and laboratory.
- Support with belt application development using calculation tools, and contributing the optimization of cost structure.
- Lead projects from technical customer acquisition until production launches for all corresponding locations, run project documentation internal and on customer platform according to defined quality regulations.
- Perform belt analysis report for warranty claims and for prototype approval tests according to customer norms and standards.
- Assure standards and quality guidelines (internal and external), quality awareness, and customer quality targets.
- Coordinate creation and release of 2D-drawings for transmission belts to meet customer technical specifications, defining critical characteristics, standards, dimensions and drawing notes.
- Manage formal problem-solving activities related to design failures using A3 method with multiple cross function teams to determine root cause and define corrective actions.

Telecommuting permitted up to 80%.

Full time employment, Monday - Friday, 40 hours per week,  
\$125,362.00 - \$130,000.00 per year.

## Ihr Profil

### MINIMUM REQUIREMENTS

- Bachelor's degree in Mechanical Engineering or a related field plus 5 years of progressive, post-baccalaureate work experience.
- Of the required experience, must have 3 years of experience working directly with customers.
- Of the required experience, must have 2 years of experience in each of the following:
  - Working on belt components to define the correct materials for



Job ID  
**REF93003Y**

Arbeitsbereich  
**Engineering**

Standort  
**Rochester Hills**

Leadership Level  
**Leading Self**

Job Flexibilität  
**Hybrid Job**

Rechtliche Einheit  
**ContiTech USA, Inc.**

- handling accessory loads in automotive applications.
- Performing lifetime calculations for Multi Rib Belts based on customer-provided data regarding application accessories and power consumption curves, ensuring that product characteristics align with customer requirements.
- Aligning belt characteristics with customer requirements.
- Defining tooling and production steps based on the rubber and cord materials used per belt specifications.
- Providing technical reports for warranty claims, including identifying the correct belt failure, reasons for the failure, and potential solutions.
- Conducting test procedures for customer approval, including dynamic tests, abrasion tests, noise tests, and specific customer tests.
- Managing project tools, including APQP (Advanced Product Quality Planning), PPAP (Production Part Approval Process), FMEA (Failure Mode and Effects Analysis), and IATF 16949 certification routines.
- Analyzing interactions between belt system components, including tensioners, idlers, bearings, belt starter-generator systems, and decouplers.

Telecommuting permitted up to 80%.

International travel required up to 5%; Domestic travel required up to 5%.

**Legal authorization to work in the U.S. is required. We will not sponsor individuals for employment visas now or in the future for this job posting.**

## **Unser Angebot**

***To Apply, email resume to [te\\_oq\\_sm\\_continental.recruiting@continental.com](mailto:te_oq_sm_continental.recruiting@continental.com) with Job ID 242557 in subject line.***

In compliance with applicable laws, **ContiTech USA, LLC** is committed to employing only those who are authorized to work in the US. Applicants must be legally authorized to work in the U.S. as **ContiTech USA, LLC** will not engage in immigration sponsorship for this position. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, or status as a protected veteran.

This notice is provided as a result of the filing of an application for permanent alien labor certification for the relevant job opportunity, in compliance with 20 CFR 656.10(d). Any person may provide documentary evidence bearing on the application to the Certifying Officer of the U.S. Department of Labor holding jurisdiction over the location of the proposed employment. Contact information for this office can be found on the Internet at <http://www.foreignlaborcert.doleta.gov/contacts.cfm#npc> or by contacting:

U.S. Department of Labor  
Employment and Training Administration

Office of Foreign Labor Certification  
200 Constitution Avenue NW, Room N- 5311  
Washington, DC 20210

#### **EEO-Statement:**

EEO / Disabled / Protected Veteran Employer. Continental offers equal employment opportunities to all qualified individuals, without regard to unlawful consideration to race, color, sex, sexual orientation, gender identity, age, religion, national origin, disability, veteran status, or any other status protected by applicable law. In addition, as a federal contractor, Continental complies with government regulations, including affirmative action responsibilities for qualified individuals with a disability and protected veterans, where they apply. To be considered, you must apply for a specific position for which Continental has a current posted job opening. Qualifying applications will be considered only for the specific opening(s) to which you apply. If you would like to be considered for additional or future job openings, we encourage you to reapply for other opportunities as they become available. Further, Continental provides reasonable accommodations to qualified individuals with a disability. If you need assistance in the application process, please reply to [Careers@conti-na.com](mailto:Careers@conti-na.com) or contact US Recruiting at 800-821-2727. This telephone line and email address are reserved solely for job seekers with disabilities requesting accessibility assistance or an accommodation in the job application process. Please do not call about the status of your job application, if you do not require accessibility assistance or an accommodation. Messages left for other purposes, such as following up on an application or non-disability related technical issues, will not receive a call back.

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

## **Über uns**

### **THE COMPANY**

**ContiTech USA, LLC** is one of the largest automotive manufacturers in the world and a leader in automated driving. Through our pioneering technologies and services, we're changing the future of mobility to make it more safe, smart, and sustainable. Our **Rochester Hills, MI** location is seeking a **Sr Development Engineer** to join our team. Are you ready to shape the future with us?