

# Hydraulic Hose Development Engineer

## Your tasks

- Develop new hoses and hose assemblies to meet customer requirements. Use appropriate design tools including customer specifications, industry standards, principles of hose design, Power Steering project planning, FEA, DOEX, FMEA and APQP.
- Improve existing hose and hose assembly designs to reduce cost.
- Promote innovation in the Development/Marketing team
- Provide technical support to customers, commercial team and production.
- Design experimental prototype hose and fittings for testing and validation.
- Use appropriate systems which include: engineering change requests, temporary notices, SAP production specifications, QSI quality system, Sales Force document control, WIN SPC, SAP shopping carts and SAP queries.
- Develop correct hose branding specifications.
- Collaborate with vendors to create new materials with improved performance or lower cost.
- Estimate factory costs for new or revised products.
- Evaluate customer returns along with QA to determine root cause and implement corrective action.
- Assist QA to disposition materials on hold in the factory and warehouse.
- Maintain periodic and lot release test specifications.
- Maintain production specifications.
- Maintain a working knowledge of current industry standards such as SAE, ISO, DIN etc..
- Maintain working knowledge of compound polymer options and performance characteristics.
- Understand all wire and textile reinforcement options and specifications.
- Understand all lab test procedures. Perform lab tests on prototypes as needed.
- Maintain a working knowledge of all production processes.



Job ID  
**REF556931**

Field of work  
**Engineering**

Location  
**Norfolk**

Leadership level  
**Leading Self**

Job flexibility  
**Onsite Job**

Legal Entity  
**ContiTech USA, Inc.**

## Your profile

### Basic Qualifications

- Bachelor of Science Degree in Chemical or Mechanical engineering
- 2+ years in Product Development
- Good oral and written communication skills
- Good interpersonal skills and the ability to work in a team environment.
- Ability to work with/in a manufacturing environment

Visa Sponsorship Continental Employees only

Preferred

- Rubber/Hose Product Development

## **Our offer**

All your information will be kept confidential according to EEO guidelines.

### **EEO-Statement:**

EEO / AA / 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, 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 248.393.5566. 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.

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## **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 2023, Continental generated preliminary sales of €41.4 billion and currently employs around 200,000 people in 56 countries and markets.

ContiTech is one of the world's leading industry specialists. The Continental group sector offers its customers connected, environment-

friendly, safe and convenient industry and service solutions using a range of materials for off-highway applications, on rails and roads, in the air, under and above the ground, in industrial environments, for the food sector and the furniture industry. With about 42,000 employees in more than 40 countries and sales of some 6.8 billion euros (2023), the global industrial partner is active with core branches in Asia, Europe and North and South America.