
JOB DESCRIPTION

Job Title: Systems Development Engineer
Location: Farmington Hills, MI

Summary

Our client is Autoneum. They are a global technology leader in acoustic and thermal management solutions for motor vehicles. The company is a partner for the major light vehicle and heavy truck manufactures around the world. Autoneum provides innovative and cost effective solutions for noise reduction and thermal management to increase vehicle comfort and value.

This position is responsible for working with customers to design, develop, and validate effective components and systems for automotive applications.

Essential Duties and Responsibilities

- Work with OEMs to define and develop acoustical/thermal/aerodynamic components and systems at concept stage to influence customer specifications and gain acceptance of company products.
- Actively participate in Customer and Autoneum Product Development Teams by clearly communicating market trends, future product needs, competitive threats / developments and all component, system or program issues.
- Lead pre-development activities to define system, subsystem, and / or component functional requirements for company products in advance of program sourcing activities.
- Lead the pre-quote selection of effective noise control technologies that are consistent with product development and specific program objectives.
- Plan, support and execute program relevant test/simulation/validation activities at Rieter and/or customer laboratories.
- Recommend, validate and implement continuous product improvement measures to reduce product cost in consistence with product requirements.
- Integrate superior acoustical performance into company products.
- Providing strategic direction for all assigned product development efforts
- Support program build events and launches to ensure parts meet functional requirements.
- Conduct vehicle benchmarking to identify new technology and trend in noise control treatment.
- Develop and deliver effective customer and internal technical presentations as required.

Qualifications

To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the knowledge, skill, and/or ability required. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

Education/Experience:

- BS in Mechanical Engineering, prefer majors in acoustics, noise control, noise and vibration, MS in Mechanical Engineering preferred.
- Minimum of 3 years' experience in an NVH Laboratory or Vehicle Development, including:
 - Collecting and analyzing acoustical measurements
 - Measuring and analyzing vehicle vibration behavior
 - Constructing or managing NVH computer aided simulations using FEA and SEA techniques
 - Defining and evaluating noise/vibration control measures
 - Comparing / Specifying passive automotive acoustical treatments (i.e. isolating, damping, insulating and absorbing products)
 - Working with design/development teams to achieve cross functional objectives

There is no relocation assistance associated with this position. NO RECRUITERS PLEASE.

If you meet all of the qualifications listed above, please send your resume w/ cover letter (include the position you are applying for) to: LM@thegreenenterprises.com

The primary purpose of this job description is to summarize the key/essential duties. Other duties may be assigned.

To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The qualifications and physical demands described are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.