



CHARACTERIZATION ENGINEER (SENSORS) (m/f/d)

JOB ID 191652

Our client is a leading company (Joint Venture) in cutting edge sensing technology with over 4 decades of experience in environmental sensor technology. Its solution portfolio covers products for air quality sensing, humidity and temperature sensing, ultrasonic flow sensing, time-to-digital converters and pressure sensor development. Its products will be sold within well-known global industry partners, covering Automotive, Telecommunication, Industrial Control and Home Appliance companies all over the world.

To strengthen the team of our client at his site in **Eindhoven (NL)** we are currently looking for a **Characterization Engineer (Sensors) (m/f/d)**.

Key Responsibilities

- Be active part of a development team for new product development
- Write, debug and execute test and characterization procedures for internal setups and equipment to determine device performance
- Perform data extraction and where needed implement automation of the data extraction
- Prepare and present characterization reports in an accurate and clear manner
- Review and improve product documentation and datasheets based on latest findings
- Identify limitations and possible enhancements of sensor performance based on characterization data
- Support with definition of improvements and root cause analysis of device failures
- Recommend and implement improvements to characterization equipment, setups and procedures
- Cooperate with quality and operation teams

Your Profile

- Master of Science/PhD in physics, electronics or equivalent areas
- Hands-on know-how in sensor characterization and semiconductor technology
- Experience with measurement automation and advanced data extraction software packages like labview, matlab is an advantage
- Affinity with semiconductor and sensor device physics
- Experience with electronic board design (PCB) is an advantage
- Affinity with product development and industrialization
- Good communication & problem-solving skills
- Fluent English (spoken and written)

If the described job definition is interesting for you and you fulfill the necessary requirements, we are glad to receive your job application via mail (b.salzmann@ah-recruitment.com).

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