

## **Jr. R&D Engineer**

### **About H2scan:**

H2scan is the world leader in providing solid-state hydrogen sensors. Our sensors are considered the gold standard for improving electrical distribution reliability, optimizing measurements in refinery and petrochemical plants, and are ideal to monitor/measure hydrogen concentration in fuel cells, electrolysis, and hydrogen distribution pipelines to reduce carbon emissions. When you join our team, you will be working side by side with talented engineers, scientists, and manufacturing professionals. You will be developing exciting, cutting-edge products to enable the expansion of the Hydrogen Economy, which is a cornerstone to the planet's decarbonization. From fuel cell vehicles to hydrogen-powered appliances, the opportunities are limitless. We offer highly competitive compensation, a flexible work schedule, and a fast-paced, fun work environment.

**Location:** On-site (Valencia, CA)

**Type:** Full-time

**Salary:** \$70,000-85,000

**Reports to:** Sr. Director of Advanced Development

### **Job Description:**

As a Jr. R&D Engineer, your mission will be to help enable the execution of testing and improvement initiative of the Technology R&D group. You will be a crucial member of the Technology R&D team, and your work will directly support the group's mission.

### **Responsibilities:**

- Maintain test lab equipment including periodic calibration and standard measurement
- Conduct testing on H2 sensors for novel designs
- Assist engineering in data collection for Failure Mode and Effect analysis (FEMA) and Root Cause and Corrective Action (RCCA) investigations
- Ensuring working methods and appropriate process documentation is in place for manufacturing processes
- Assist with engineering and prototype assemblies and test fixtures
- Work with production and other disciplines during new products introduction and troubleshooting failure modes for existing products

### **Qualifications:**

- Bachelor's degree with two years of experience or AAS equivalent degree with five years of experience
- Experience with design of experiments, statistical Process analysis, and manufacturing process control is highly desirable
- A demonstrated ability to learn new things

- Understanding of industrial manufacturing operations
- Hands-on experience in testing including test method development, design verification testing, etc.
- Ability to write or update documents like test protocols and reports
- Strong written and verbal communication skills
- Great attention to detail
- Organized
- Hands-on
- Positive, solution-oriented attitude and a desire to understand everything around you
- Not afraid to keep asking questions until you understand
- Execute tasks quickly and thoroughly
- Logical and data-driven

**Benefits:**

- Health Insurance benefits
- 401(k)
- Life insurance
- Family leave (paternal, maternal)
- Bonuses
- Equity/stock options
- Three weeks paid vacation
- Paid sick days
- FSA/HSA
- Cell phone reimbursement

**H2scan is an Equal Opportunity Employer**