H2scan®
Monitor. Manage. Momentum.

Jr. R&D Engineer

About H2scan:
H2scan provides advanced hydrogen technology solutions that deliver early visibility into developing issues by helping operators make informed decisions, improve efficiency, prevent failures, reduce costly disruptions, and drive proactive risk mitigation.

H2scan is more than a technology provider. We are a trusted partner helping operators stay three steps ahead of failure - protecting personnel, strengthening infrastructure, and supporting a safer/more reliable energy future.

Founded in Valencia, California in 2002, with technology rooted in U.S. Sandia National Laboratories, H2scan has earned the trust of utilities and global manufacturers across critical infrastructure worldwide, as they face greater demands for safety, reliability, and uptime.

Location: On-site (Valencia, CA)
Type: Full-time
Salary: $70,000-85,000
Reports to: Quality Assurance and R&D Director

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

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• 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