

Senior Mechanical Design Engineer (Valencia, CA)

Position Title: Sr. Mechanical Design Engineer

Location: H2Scan Corporation
27215 Turnberry Lane Unit A
Valencia, CA 91355

Hours: Mon.-Fri 8am-5pm.

Salary: Salaried \$85-110k

Type: Contract/Permanent, On Site

Job Description:

H2Scan is a world leader in making sensors for Hydrogen detection and measurement. The company has licensed patented technology developed at Sandia National Labs and commercialized it into products ranging from handhelds units to large area and process monitors. All design and manufacturing is done in Valencia, CA. More information on the company can be found at www.h2scan.com. H2scan is seeking a **senior mechanical design engineer** to join our engineering team and help design new products to meet customer demands.

Job Functions

- Design innovative products to meet set specifications. Prepare detailed design drawings using SolidWorks.
- Update existing and design new equipment, tooling and fixturing for engineering and production testing.
- Leverage rapid prototyping approaches for early design verification.
- Champion product quality improvement activities.
- Coordinate design and production activities to facilitate ramp-up and high-volume production.
- Evaluate, select, and procure mechanical equipment for prototypes.

Required Experience

- Candidate must have strong skills and be an advanced user of the SolidWorks CAD software program.
- Experience with precision machining, product assembly, design fixtures, system and subsystem integration.\
- Experience designing for high volume manufacturing (injection molding, die casting, extrusions, etc.)
- Experience taking a project from concept through production.
- Strong hands-on prototyping and debugging skills.
- Microsoft Word, Excel, Outlook and PowerPoint.
- Excellent verbal and written communication skills.
- Work independently and well with others in a team environment.

Desired Experience

- Project management experience a strong plus.
- Background in thermal and structural analysis and other mechanical engineering fundamentals.

Other Requirements

- BS or MS in Mechanical Engineering with at least 7 years of experience.
- Must be a local candidate (commuting distance to Valencia, CA).

Contact

- Send resume and contact information to: mphillipps@h2scan.com.