

[CL](#) [los angeles](#) >[san gabriel valley](#) >[jobs](#) >[architect/engineer/cad](#)

Posted: 2016-02-09 7:05pm

## Design Engineer II (Custom Electro-Mechanical Equipment)

### (Irwindale, CA)

We are a manufacturer of custom fabricated industrial/residential equipment. Our projects and products are varied and can range in scale from very large to small assemblies with a matching range of complexity. We seek an experienced mechanical designer that is able to take a holistic approach to product design. The ideal applicant is comfortable with an energetic and fast-paced work environment and is able to apply their experience to creating novel and appropriate solutions for the design challenges that are presented. If you're looking for a company that provides satisfying and stimulating work, look no further.

#### Requirements:

- \*4-year B.S. Engineering degree
- \*Minimum 4 Years of industry experience
- \*High level of proficiency with SolidWorks 3D CAD. (Minimum 3 years of experience)
- \*Willingness to travel occasionally (2-3 times annually), as required, to client sites
- \*Experience in electrical motor and hydraulic systems
- \*Basic to moderate AutoCAD experience
- \*Proficient with PC systems and MS Office
- \*Valid Driver's license and reliable transportation

#### A good candidate will:

- \*Be organized, timely, and able to manage multiple projects
- \*Be self motivated and have a team work spirit
- \*Have a strong mechanical background
- \*Pay critical attention to detail
- \*Have strong written and verbal English communication skills
- \*Have the ability to independently take an analytical approach to validate design
- \*Work well under tight time constraints to assure timely delivery of projects
- \*Be well rounded, willing and able to contribute in other areas of competence

#### Description of Responsibilities:

- \*Call upon experience with various manufacturing techniques in product conceptualization and design
- \*Effectively design and document custom products to fulfill requirements
- \*Research, source, budget and document selection of components
- \*Verify, validate and test designs and outcomes
- \*Develop procedures, and utilize tools to improve day-to-day effectiveness
- \*Advise and inspect to ensure quality and functionality of final product
- \*Prepare and refine documentation

#### Experience in some or all of the following is a plus:

- \*Implementation of sensors, encoders, and other electrical devices in equipment

- \*Finite Element Analysis
- \*Structural analysis
- \*Adobe Photoshop & Illustrator experience
- \*Shop experience, CAD/CAM
- \*Multilingual, Spanish or Mandarin

Portfolio or examples of work are welcomed alongside your resume.  
References will be requested at the time of interview.

Compensation:

- \*\$65,000 to \$80,000 depending on experience
- \*Medical and Dental Benefits
- \*401K plan offering
- \*Generous vacation and holidays

Our Location: Irwindale, CA

compensation: **\*\$65,000 to \$80,000 depending on experience**

employment type: **full-time**

**reply by email:**

[s3cps-  
5441342575@job.craigslist.org](mailto:s3cps-5441342575@job.craigslist.org)



- Principals only. Recruiters, please don't contact this job poster.
- do NOT contact us with unsolicited services or offers