



Energy Independence through Hydrogen and Fuel Cells  
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Cheyenne, Wyoming 82007

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[www.epc4h2.com](http://www.epc4h2.com)

## Senior Designer

Job Posting Date: 02/08/2022

Categories: Drafting/Design

Schedule: Full Time, immediate opening

Location: Cheyenne, WY

EPC uses its industry leading hydrogen experience to design, permit, fabricate and manage field construction of all types of hydrogen systems. These include hydrogen production, storage and distribution systems, fuel cells systems for residential, industrial, or commercial developments, hydrogen transport trailers and pipelines for safe distribution and even emerging technical offerings like containerized ammonia production systems. We are a rapidly growing small business. If you are interested in participating in the renewable revolution join our growing team and help build the future of energy now!

### Responsibilities:

- Set up new projects linking company libraries and standards to project files.
- AutoCAD 2D drawings including PFDs, P&IDs, Single Lines, Site Plans and General Arrangements.
- Draft and design details for skids and containerized process systems.
- Install and maintain CAD software subscriptions and updates.
- Create 3D models and for piping (mostly tubing) and supports, structural, electrical (cable, and conduit (480 v and below) down to control cabling and instrumentation and supports, and small structural members (4" and under structural shapes).
- Will need to create new material specifications for component library and add to and grow our library of fittings, and shapes in CAD libraries. Must be able to generate material lists (BOMs) from completed models using Isogen and electrical and structural equivalents.
- Calculate dimensions and tolerance using measuring instruments
- Review and modify designs to simplify installation of technologies
- Provide timely updates for drawing completion
- Coordinate with multiple disciplines of engineers and designers regarding systems relationships

### Requirements:

- 5+ years minimum experience with AutoCAD and AutoCAD P&ID.
- Familiarity with power plant or refinery designs and drawings, drafting and checking.
- Experience with containerization or skid layouts, tubing layout, support and routing
- Deadline and detail-oriented
- Excellent written and verbal communication skills.
- Have a strong proficiency with Microsoft Office products
- Candidate must be highly motivated, possess strong organizational and time management skills, and excel in a multidiscipline project team environment.
- Candidate must be able to respond effectively to inquiries from clients and regulatory agencies.

### Other Qualifications:

- Hydrogen industry experience
- US citizen