

## **Project Engineer / Construction Manager**

**MOSS LANDING, CA / ENGINEERING / FULL-TIME**

VerdagY is creating a new class of very large-scale hydrogen electrolyzers that will help decarbonize some of the most difficult to abate sectors of our global economy. Our approach is to design large modular skid-mounted hydrogen electrolyzers that will be used to architect very large-scale hydrogen production plants. In your role as a project engineer you will be leading the 3D design of our pilot and commercial electrolyzer skids, this will include piping and vessel layout and supports, as well as working with process engineers to specify and order equipment. Additionally, based on skills, you will manage the inhouse construction of pilot electrolysis units.

### **ROLES & RESPONSIBILITIES**

- Develop 3D layouts for pilot and commercial electrolyzers
- Oversee and manage pilot plant construction and installation
- Create and manage project schedules
- Create General Assembly Drawings, Piping Isometrics, P&IDs
- Specify and procure instrumentation, valves, piping, fittings, pumps, vessels, heat exchangers, etc.
- Create vessel drawings
- Travel to fabrication shop for inspections and Factory Acceptance Testing
- Collaborate with process engineering, construction, and product management teams
- Create and release fabrication drawings and system specifications
- Work closely with suppliers to manage part quality and delivery timing
- Assist in technology transfer for product commercialization

### **PRIOR EXPERIENCE & PROFESSIONAL QUALITIES**

- Bachelor's Degree in Mechanical Engineering
- 2D/3D CAD (preferably AutoCAD and SolidWorks)
- 5+ years mechanical engineering/design
- Experience designing piping for chemical plants, Oil & Gas or related industry
- Experience designing modular plants highly preferred
- Piping, Pressure Vessel and General Plant Design
- In depth knowledge of domestic and international codes, standards, best practices and specifications as applied to mechanical, electrical and instrument systems for industrial equipment.
- Expertise with BOM creation and management
- Enjoys working with hands



- Self-starter with an ability to spot problems, and the drive to solve them
- Startup experience preferred; excited to be part of a small team that is making a difference
- Passion for decarbonization preferred

### **About VerdagY**

The VerdagY team is a dedicated and innovative group of forward thinkers looking to dramatically change the hydrogen electrolyzer industry. VerdagY is a spinoff of green chemistry pioneer Chemetry Corporation. Our years of experience in electrochemistry and plant operations and engineering have provided us an opportunity to rapidly commercialize our innovative and novel approach to hydrogen electrolysis. We are backed by an incredible group of financial investors, renewable energy developers and Fortune 100 corporations. Our investor/partners are leading companies in the petro-chemical, industrial chemicals, energy infrastructure and mining industries, all sharing an extraordinary desire to deeply decarbonize their businesses at very large scale. This is where VerdagY's membrane-based, large aspect ratio cells, running at high current densities provides the scale solution needed for industrial decarbonization. VerdagY operates offices, laboratory and pilot plant facilities in Moss Landing, California, to further commercialize this technology platform.

### **Employee Benefits, Flexibility & Ownership**

VerdagY provides generous health/dental/vision/disability insurance benefits for our employees and their immediate family. We know flexibility is important and we value and respect individual contribution whether it comes from work done at home, during odd hours, or at Moss Landing with teammates. Employee equity and ownership is our way to ensure everyone participates in the results and value creation of the company. We offer a 401k and an unlimited time-off policy.

### **Diversity & Inclusion**

We value everyone and are actively seeking diversity as we grow. We believe a diverse team of people with different perspectives and lived experiences enriches the quality of our work and is fundamental to a positive, collaborative and inclusive culture.

### **Culture**

We are building a people-centric culture where trust, respect and empowerment are built into every aspect of VerdagY and our way of working. If you want to do your best, most purpose-filled, meaningful work, come and join us – your contributions are needed now more than ever.

VerdagY is an Equal Opportunity Employer