



# Manager of Engineering

Calgary, Alberta

Ayrton Energy's mission is to propel the global shift towards sustainable energy with broad deployment of our cutting-edge hydrogen storage technology, reshaping hydrogen distribution to mirror the safety, simplicity, and efficiency of traditional fuels such as diesel or gasoline.

Are you ready to embark on a dynamic career journey with a rapidly growing company? Ayrton Energy is seeking a dedicated and adaptable individual to join our team in a role that requires a "get it done" attitude and a commitment to excellence. You will play a pivotal role in driving the development, innovation, and execution of our project deployments and commercial readiness.

## **You will love this job if:**

- You enjoy working on the frontier of deep technology development, where the answers aren't always clear, and you face challenges no one has ever solved before
- You like being hands on with technology and are not afraid to dig in to get it right
- You have a passion for clean technology and a desire to develop technology for a sustainable future
- You enjoy communicating and collaborating with technical team members and customers alike to drive the successful development and commercialization of our technology
- You want to work in a collaborative and supportive team environment where everyone's role is mission-critical.

## **Your Responsibilities:**

- Lead and manage the engineering design team, ensuring the company's technical advancements align with its mission and market demands.
- Optimize technology performance for cost, efficiency and size
- Collaborate with leadership team to define project goals, deliverables, and timelines
- Create and evaluate design concepts, and make recommendations based on technical feasibility and cost-effectiveness
- Oversee the procurement of materials and equipment, and manage external partnerships, including communication and collaboration with external engineering firms and vendors
- Oversee the testing and commissioning of the technology, including safety protocols and compliance with regulatory requirements
- Continuously monitor and optimize the performance of the technology, identifying areas for improvement and implementing solutions as needed
- Ensure project goals are achieved within budget and on time

## **Your Skills and Experience:**

- Bachelor's degree in Materials Engineering, Mechanical Engineering, Process Engineering, Electrical Engineering or related field
- Minimum of 7 years of experience in engineering design and development or technology scale-up, preference for experience in the areas of electrolyzer and fuel cell technologies
- Experience managing and leading engineering teams (any size)
- Proven track record of successful project management and delivery
- Familiarity with safety protocols and regulatory requirements for engineering design and operation
- Excellent communication and collaboration skills, with the ability to work effectively in a team environment
- Experience with sourcing and vendor management
- Demonstrated ability to manage third party engineering and development firms – meeting deadlines within budget and with successful execution
- Comfort working in a dynamic environment

- Nimble business mind with a focus on developing creative solutions.

**At Ayrton We Value:**

- Honesty – We are solving hard problems and look for diversity in thought.
- Accountability – We value action over words and will empower you to get things done.
- Kindness – We are a team. Win together, lose together, learn together.

**Benefits:**

- Compensation in the form of salary and equity
- Generous vacation policy
- Health and dental benefits
- Growth potential in any area of the company

We're looking for a full-time, long-term employee and we'll hire as soon as we meet the right person.

Ayrton is an equal opportunity employer that values equity, diversity, and inclusion within our team. As a women-led venture, our company strives to provide a supportive atmosphere for under-represented individuals in business and STEM fields, including a focus on work-life balance and employee mental health.

**How to apply:**

Please send a cover letter and resume to [jobs@ayrtonenergy.com](mailto:jobs@ayrtonenergy.com) and use Job Application – Manager of Engineering in the subject line.