

Employment Opportunity Profile



130 West Union Avenue • Pasadena • California 91103 • (626) 585-6900

Pilot Plant Project Leader Monrovia, California

Title: Pilot Plant Project Leader
Reports to: Chief Executive Officer
Work Location: Monrovia, CA

The Company:

HGenium, Inc. is located in Pasadena and Monrovia, California. The company was founded in 2022, with the mission of commercializing the production of sustainable, green hydrogen via thermochemical water splitting. The HGenium, Inc. technology relies on thermochemical cycles discovered at and licensed from the California Institute of Technology.

HGenium is affiliate with Idealab that provides human resource management services for the company.

Position Purpose:

The position involves leading a project for the construction of a pilot plant for HGenium's thermochemical water splitting cycle. The pilot plant project leader will lead planning and permitting efforts for the plant and be intimately involved in building a pilot plant operations team. Upon pilot plant completion the pilot plant project leader will lead test campaigns and develop and enforce a rigorous pilot plant safety plan.

Key Position Accountabilities

(Either directly or through leadership of other team members)

- Engage with engineers and process/economic modelers to design a pilot scale process of HGenium's thermochemical water splitting cycle.

- Interface with equipment vendors and potentially engineering, procurement, and construction companies to ensure timely and successful implementation of HGenium's process at the pilot scale.
- Build and lead a team of pilot plant technicians and associated required workers for pilot plant construction and operation.
- Upon pilot plant completion, lead test campaigns and interpret process data. Present relevant data to stakeholders.

Requirements:

- B.S. or higher degree in chemical engineering, mechanical engineering or equivalent relevancy.
- Industrial experience planning and commissioning pilot scale plants is preferred.
- Industrial experience operating pilot scale equipment is preferred.
- Experience training and leading pilot plant technicians is desirable.
- Experience with high temperature reactor operation is desirable.
- Proven written and oral communication skills.
- Ability to work in a small team of engineers in a rapidly changing and dynamic environment.
- Desire to work in a start-up environment requiring capability to take initiative and solve broad open-ended problems.
- Occasional travel for meetings and site visits required.

**INTERESTED CANDIDATES SHOULD SUBMIT THEIR RESUMES TO
Jobs@Hgenium.com**

Disclaimer: HGenium, Inc. is an Equal Employment Opportunity (EEO) and Affirmative Action employer. We do not discriminate based upon individuality, sexuality, orientation, status, origin, preference, age, disability, medical condition or any other status in accordance with the guidelines specified by law (EEOC, federal, state or local law).