

## Director of Engineering

Blue Planet System Corporation is a cleantech start-up company located in Los Gatos, California, that is developing technology, products and services related to economically sustainable carbon capture and mineralization, whereby carbon dioxide (CO<sub>2</sub>) gas from point source emitters is permanently sequestered as solid carbonate in building materials for beneficial reuse, specifically as aggregate for concrete.

Blue Planet is seeking a Director of Engineering to serve as a key member of the technical team leading process engineering activities for our CM-1 plants, which provide the basis of design for commercial scale facilities. The position will be within Blue Planet's Global Innovation facility in Pittsburg, California and will report to the VP of Engineering.

### Responsibilities and Duties:

- Assess and satisfy the process engineering needs of the various Blue Planet plant configurations including:
  - Identifying and addressing debottlenecking and automation opportunities at the existing CM-1 plants
  - Supporting ongoing plant operations through troubleshooting process issues, closing mass balances, and developing empirical process models based on underlying principles
  - Mentor a team of young engineers responsible for plant engineering activities including equipment design, run planning, P&ID/SOPs, process automation, safety, and predictive/preventative maintenance programs
- Communicate with BP technical staff on engineering issues and resolution.
- Communicate with external partners and suppliers to ensure that all global operations and products are in conformance with Blue Planet quality standards.

### Qualifications:

- A minimum of ten years of experience is required with at least five years of process design experience in bringing new technologies to commercial scale. A minimum of five years of process operations experience is also required. Experience in process controls, especially PLC control, would be valuable. Experience with both owner/operator and engineering/technical service provider roles would be beneficial.
- A BS or MS in mechanical engineering, chemical engineering or civil engineering is required.
- Excellent communication and writing skills, in particular the ability to interface with external partners engaged in engineering or operations of Blue Planet licensed facilities. This position will include outward facing activities approximately 20% of the time. (Outward facing stakeholders will include contractors, EPC firms, project partners and investors)
- Ability to make progress in an environment of shifting priorities is critical.
- Experience with permitting and regulatory agencies would be beneficial, but not required.
- Ideally live within 25 miles of Pittsburg, CA.

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Blue Planet Systems Corporation is at the cutting edge of the future of the green building industry, and this is an exciting opportunity for an eager engineer to be part of a company striving to make a difference in the world by sequestering billions of tons of CO<sub>2</sub> per year in the built environment.

Blue Planet Systems Corporation offers a full benefits package commensurate with experience. Position is available immediately. Interested candidates please email a pdf of your résumé to [jobs@blueplanet-ltd.com](mailto:jobs@blueplanet-ltd.com) and list "QA/QC Engineer" in the subject line.