Process Engineer

Lithium Harvest

Do innovation and sustainability drive you, and do you want to be part of a team developing cutting-edge technologies? Lithium Harvest seeks a talented Process Engineer to join our innovative team in Aalborg, Denmark. This is a rare opportunity to be at the forefront of sustainable lithium extraction technology, contributing to a cleaner and more sustainable future. If you have a passion for process design and water treatment and are eager to make a significant impact with your engineering expertise, we want to hear from you. Join us in our mission to revolutionize the lithium industry and drive environmental change.

About Lithium Harvest

Lithium Harvest is the premier source for sustainable lithium extraction, focusing on providing high-quality, environmentally responsible lithium products to the fast-growing electric vehicle and battery markets. Our proprietary technology allows us to extract lithium from oilfield wastewater, minimizing our environmental impact and turning waste into a resource.

Job Summary

We seek a skilled and innovative Process Engineer to join our team in Aalborg, Denmark. The ideal candidate will have extensive experience in process design and water treatment unit operations. You will develop and maintain process flow diagrams, simulations, equipment specifications, and essential engineering documentation to support our sustainable lithium extraction processes.

Key Responsibilities

- Develop and build Process Flow Diagrams (PFDs) and Pipe & Instrumentation Diagrams (P&IDs) for various processes.
- Maintain and develop our processes in simulation programs to ensure optimal performance.
- Produce process descriptions and supply function design specifications for the Automation Department.
- Prepare essential engineering documentation for both basic and detailed engineering, contributing to the technical file.
- Create comprehensive process equipment specifications outlining functional and capacity requirements.
- Collaborate closely with the water treatment unit operations team to ensure seamless integration and optimization of processes.

Qualifications and Skills

- Master's degree in Chemical Engineering, Process Engineering, or a related field.
- Minimum of 5 years of experience in process engineering, with a strong focus on water treatment unit operations.
- Proficiency in developing PFDs and P&IDs.
- Experience with process simulation software.
- Strong documentation skills and attention to detail.
- Excellent communication and interpersonal skills.
- Must be living in Denmark.
- Fluent in English.

Work Environment

- This role is based in our office in Aalborg, Denmark.

What We Offer

- Competitive salary based on experience and benefits package.
- Professional development opportunities.
- A collaborative culture that values each member's contribution towards our shared goals.
- Flexible working hours and remote work options.
- Nice office in Aalborg with lunch arrangement

Application Process: Interested candidates should forward their CV and half a page about their motivation for working at Lithium Harvest and what difference they can make to career@lithiumharvest.com. Please include any relevant project experience or skills that align with Lithium Harvest's mission and technologies.

Questions: For further inquiries, please contact us at career@lithiumharvest.com.

Application Deadline: August 19, 2024

Start Date: As soon as possible

Equal Opportunity Statement: Lithium Harvest is an equal-opportunity employer. We celebrate diversity and are committed to creating an inclusive environment for all employees.

Company Culture and Values: At Lithium Harvest, we value innovation, sustainability, collaboration, and a multicultural working environment. We strive to create a positive and inclusive workplace where every team member can thrive and contribute to our mission of sustainable lithium extraction.

Join us at Lithium Harvest, where your contributions can help shape the future of sustainable lithium extraction and accelerate the green energy transition.