



# Process field engineer

---

BiAqua is a fast growing cleantech company focused on delivering bio-based solutions for the water industry. The company is one of the most innovative companies in this sector as a result of its pioneering technology development position. BiAqua is a spin-out company from the TU Delft and is financed by leading Dutch (clean-tech) specialist investors.

BiAqua has developed the Phosphate Removal Technology (PRT®) solution to reduce ortho-phosphate in water in a highly effective and widely applicable way. The concentration of ortho-phosphate directly influences the growth of micro-organisms which lead to biofouling issues in, among others, RO membranes, a major global problem. The PRT uses renewable phosphate adsorbents as opposed to chemicals and other materials currently in the market. This technology is low cost, has broad usability, and works fast and reliably in the prevention of the growth of algae and bacteria.

## Job description

To strengthen the process engineering team, BiAqua is seeking a process engineer to contribute to the operation of pilot installation and testing of the technology in the lab and at customer sites.

### Typical tasks will include:

- Set up and operate pilot systems to test the technology with different types of water both in lab and at customer sites;
- Interact with suppliers and customers to manage the production, operation, and logistics of pilot units and support customers that run the pilots themselves;
- Identify, develop and implement process improvements. Design and execution of experiments to optimize the process operation;
- Assist the Chief Process engineer, with all relevant tasks.

### Requirements:

- Msc degree in a relevant field (e.g. (Bio)Chemical engineering background);
- Knowledge of water treatment engineering, affinity for adsorption processes is a pré;
- Hands-on mentality;
- Field experience (pilot operation, troubleshooting);
- Ability to travel (driver's license, car);
- Flexibility, creativity and the ability to meet tight deadlines;
- Proficiency in English.



What we offer:

A challenging position in a young, dynamic and international team. The salary indication depends on background and experience. The position is based in BiAqua's facilities in the TU Delft campus. The position requires frequent travelling to test locations (min. 1-2 days per week).

Contact:

Sandie Chauveau, Chief process engineer : s.chauveau @ biaqua.nl