Agraferm designs and builds biogas plants for agricultural and industrial applications. Our subsidiary BTA International develops pretreatment and anaerobic digestion technologies for biological waste treatment. Together, we deliver international plant projects.

We are looking for a Process Engineer to join our engineering team as soon as possible. You will develop the process engineering for our plants, from design calculations through to commissioning support, working closely with plant designers, project management and suppliers.

Process Engineer (m/f/d)

Biogas and Waste Treatment Plants | Full-time | Location: Pfaffenhofen a.d. Ilm

Your responsibilities:

- Prepare mass and heat balances and develop piping and instrumentation diagrams (P&IDs).
- Size process equipment and plant components and perform the associated engineering calculations.
- Prepare technical specifications for tendering and procurement of machinery and process units.
- Provide technical guidance to the plant and piping designers within projects, and review P&IDs, 2D drawings and 3D models for compliance with process requirements.
- Review suppliers' engineering documents and coordinate process interfaces.
- Prepare for and contribute to HAZOP studies and support the CE compliance team with risk assessment and documentation.
- Prepare functional descriptions and interlock matrices as a basis for plant automation.
- Provide technical support to purchasing, project management, sales and commissioning, and assist with selected commissioning activities.
- Prepare and compile process engineering documentation for the overall plant.

Your profile:

A degree in process, mechanical or environmental engineering, or a related discipline; ideally at least three years of relevant professional experience. A sound understanding of engineering fundamentals, particularly mass and heat balances and process equipment sizing. Experience in biological waste treatment or anaerobic digestion is an advantage.
An independent, structured and thorough approach to your work, with the ability to coordinate technical solutions within a project team. English language skills at B2 level or above; additional languages are an advantage.

What we offer:

A role with technical responsibility and a broad range of engineering tasks, an international and supportive engineering team, and opportunities for professional development. Working from home is possible after the initial onboarding period.

As a family-friendly employer, we aim to offer rewarding career opportunities to people with children or other family responsibilities. We welcome a conversation about how the role can fit with your personal circumstances. We particularly encourage women to apply.

How to apply:

You do not meet every requirement? We still welcome your application. We value your technical strengths, experience and willingness to learn. You do not need to meet every criterion to be a good fit for our team.

Please email your application, earliest available start date and salary expectations to the contact below.

Your contact:

Agraferm GmbH / BTA International GmbH
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