

Professional Qualification

Mr. **Anselm Gleixner**, born 02.02.1951, is a mechanical engineering technician, officially trained through an apprenticeship as a precision mechanic. Additionally, he is a practical business administrator.

With more than 20 years of experience, Mr. Gleixner is a specialist intensively involved in the topics of planning and safe operation of industrial biogas plants for the fermentation of organic, food and agricultural waste.

The subject of operational safety and equipment security has been a priority for Mr. Gleixner ever since he started delving into the automation of electronics and automotive industries.

With the boom of biogas technology, his knowledge of mechanical engineering design has expanded to:

- Principles of the anaerobic process. Many years were spent on gaining detailed knowledge over process design, process control and plant construction of biogas plants.
- Understanding and obtaining proficiency of explosion protection and the relevant regulations and laws, Ex-zone classification and delimitation of safety distances and the general principles of the types of protection.
- Constructive principles and knowledge regarding the use of apparatus and PMC devices in hazardous areas, equipment labeling and conforming with the ATEX directive, etc.
- Knowledge in measuring and testing methods in potentially explosive areas.
- Design principles for designing and constructing hygienisation units, knowledge of the use of the equipment, PMC devices and apparatus, knowledge in measuring and testing methods.
- Design, calculation, and construction of process plant parts such as fermenters, hydrolysis stage, gas storage, gas utilization (gas lines with PMC), heat exchangers, sanitizing equipment, and substrate preparation (milling/crushing, separation of inorganic and non-degradable objects from substrate, etc.).
- Project management of biogas plants, from the project development and design, up to the commissioning, especially in the field of industrial waste treatment.
- Knowledge about the correct and complete content of the required operating documentation, work instructions, risk assessments, and explosion protection documents.
- Comprehension of the relevant laws, regulations, rules, standards and their proper application to a biogas and biomass plant.

Mr. Anselm Gleixner fulfills the requirements of BetrSichV, chapter 3, No. 3.1 and 3.3 as well as TRBS 1203, No. 3.1, as a qualified person due to his university education, his many years of professional experience and his developed projects, which are kept up to date through regular advanced training.

Thus, Mr. Gleixner is qualified to carry out the periodic inspection of work equipment according to §15 BetrSichV with chapter 3, No. 4.1 and 4.2 as well as §16 BetrSichV with chapter 3, No. 5.1, 5.2 and 5.3, plus to carry out the technical testing of sanitation equipment according to Article 10 EC Regulation 1069/2009 (formerly Article 15 EC Regulation 1774/2002).

INNOVAS Innovative Energie- und Umwelttechnik

Anselm Gleixner und Stefan Reitberger GbR

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