

Professional Qualification according to BetrSichV, TRBS 1203 and as an expert according to § 29b BImSchG

Mr. Dipl.-Ing.(FH) Stefan Reitberger studied mechanical engineering and process engineering with a focus on environmental technology. He gained experience as a project engineer in the field of solvent recovery for the pharmaceutical and chemical industries, for water treatment plants, exhaust air treatment plants and biogas plants. Stefan Reitberger has been working independently with the company INNOVAS for more than 25 years and is responsible for the planning of biogas plants, plants to treat bio-waste and food waste, as well as to produce biodiesel and bioethanol. All services, from project development to approval planning according to Federal Immission Control, have been executed independently and successfully, as well as their implementation, and project monitoring. Mr. Reitberger is an expert in plant safety, certified as dangerous goods officer and is qualified as a consultant for explosion protection and for fire protection and prevention.

Dipl.-Ing.(FH) Stefan Reitberger 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. Reitberger 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).

Since June 2015, Mr. Dipl.-Ing.(FH) Stefan Reitberger, is certified and listed as an expert in accordance with § 9b, clause 1, BimSchG by the LfU Bavarian State Office for the Environment, for the following types of installations and field of work:

Plant types (according to Annex 1, 4. BImSchV)

(For the herein used numbers please be referred to the original text of regulation)

- No 1.15 Biogas production plants (other than those specified in No. 8.6) with a production capacity of 1.2 million standard cubic meters per year of raw gas or more.
- No 8.6.2 Biological treatment installations (other than those specified in No. 8.5 or 8.7) of non-hazardous waste (other than those specified in 8.6.3) with a capacity of 50 tons or more per day (8.6.2.1), 10 tons to less than 50 tons per day (8.6.2.2).
- No 8.6.3 Biological treatment plants (other than those specified in point 8.5 or 8.7) of manure, in so far as the treatment is exclusively for utilization of anaerobic digestion (biogas production), with a capacity of 100 tons or more per day (8.6.3.1), less than 100 tons per day, provided that the raw gas production capacity is 1.2 million standard cubic meters per year or more (8.6.3.2).

Subjects (according to Annex 2, Section B, 41st BImSchV)

(For the herein used numbers please be referred to the original text of regulation)

- 1. Design (strength, dimensioning, stability, etc.) of plants, plant components, equipment, pipelines, etc. with special consideration of the demands in case of failure in the intended use.
- 2. Construction of plants or plant components.
 - 2.1 Tests of system parts and components during construction on site; on-site inspections, such as specifications of the technical regulations; functional tests.
 - 2.2 Quality assurance of the construction, testing of facilities for conformity with the available documents (for example documentation approval, construction plans) and local conditions.

3. Procedural process management and design of plants or plant components, as well as control of disturbances of intended operation, for example project planning, plant planning, preparation or testing of plant protection concepts, such as fire protection, explosion protection, measurement and control technology (PMC technology), Process Control Technology (PLT).
4. Plant maintenance.
11. Systematic methods of hazard analysis.
12. Chemical, physical, human and ecotoxicological properties of substances and preparations.
- 12.1 Assessment of chemical, physical, human and ecotoxicological properties of substances and preparations.
- 12.2 Determination of chemical, physical, human and ecotoxicological properties of substances and preparations.
14. Operational alarm and hazard prevention plans.
16. Explosion protection.
- 16.1 Testing of special questions related to explosion protection.

INNOVAS Innovative Energie- und Umwelttechnik
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