

Check List for Documentation

For preparing the periodic safety inspection of your biogas plant according to §16 BetrSichV (German Industrial Safety Ordinance), the following documentation should be readily accessible.

If you are missing some of the listed documents, especially those in **bold and italics**, then please contact us before the test date. We can help you to order and complete your documentation.

- Notice of Approval(s), permission notice
- Inventory plans of the plant (site plans, pipeline plan, etc.)
- Acceptance test report(s), **report of the last periodic inspection(s)**
- **Confirmation of operator training according TRBS 529** (German Technical rules for Operating Safety)
- Certification/Declaration of an authorized electrician for VDE conformity / electrical safety
- Process flow diagram (block diagram)
- **Pipe and Instruments Diagram (P&ID)**, with PMC lists
- **Risk assessment**
- **Explosion protection document**
- **Ex-zone plan**
- **List of explosion-proof equipment**, with **CE Conformity declarations** of electrical and non-electrical components
- Fire protection concept
- **Fire-fighting plan**
- **Alarm and emergency plan**
- Escape and rescue plan
- **Emergency stop concept**, with list of safety-related shutdowns
- Emergency power concept, with list of safety-related electricity consumers
- **Lightning protection concept**, lightning protection risk analysis, grounding plan
- **Operating manual of the biogas plant**, with start-up and shut-down description, for normal operation
- **Manufacturer's manuals of installed components and equipment**
- **Maintenance plan**, maintenance and test instructions of the installed devices
- **Operating protocols / operating log book**
- **Safety instructions for visitors and external workers** DIN 14095
- **Permit / Release certificates for work in hazardous areas**
- **Safety data sheets for hazardous substances** (e.g. biogas, used chemicals, auxiliary materials, additives)
- Evidence of first aid courses, qualified first-aid workers



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