

## **Information Sheet for Periodic Safety Inspection**

For preparing the periodic safety inspection of your biogas plant according to §16 BetrSichV (German Industrial Safety Ordinance), or according to §29a BImSchG (German Federal Emission Control Act).

In Order that the periodic safety Inspection will go smoothly please prepare the following:

1. Provide the complete plant documentation, including current operational records and test certificates, etc.; keep them together on a table in an accessible room.
2. Provide an appropriate work desk and spacious workspace, enabling us for thoroughly review and examine the documentation.
3. The biogas plant should be in full operation at the time of inspection, i.e. no partial or emergency operation should be running due to parallel maintenance work or failure of important system components.

4. The gas storage should be as full as possible so that we can test the response of the overpressure protection device(s) and the ignition of the safety gas flare (if present) with full gas storage.

5. The function of the emergency stop chain is tested on the CHP, respectively on all other gas consumers also.

For this test, the CHP or respective gas consumer must come to an abrupt stop when pressing the emergency stop button.

Due to the resulting (temporary) breakdown of, please make sure that it does not disturb other important operations inside or outside of the facility.

In case that the power supply of belonging residential buildings or factories is made by the CHP, please inform whoever may be affected by the loss of power.

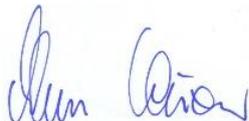
6. A test of the proper function and condition of the electrical installation and electrical switchboard is not part of this periodic inspection. This must be done (every 4 years) by a qualified master electrician according to the rules of VDE, the Association of German Electrical Engineers (Verband Deutscher Elektrotechniker). The concerning test report shall be presented.

Regardless of this we will make a visual inspection of the general condition of the switchboard in view of:

- Cleanliness / tidiness
- Condition of the cable routes
- Tightness against vermin (rodents) and other animals
- function of ventilation / cooling.

Therefore, the electrical control cabinets shall be freely accessible.

7. Last but not least, the entire facility should be in a clean and tidy condition including the area around.



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