



INSPECTION IN ACCORDANCE WITH DGUV REGULATION 3

The inspections in accordance with DGUV regulation 3 serve general safety and the protection of life, limb and material assets. High-quality electrical installations are installed - otherwise the risk of accidents through electrical current increases if installations are carelessly produced or in a faulty condition. The statutory accident insurance therefore requires an expert inspection in accordance with DGUV regulation 3 prior to commissioning electrical systems and equipment as well as later when operating on a regular basis, in order to avoid liability and accident risks. For business operators this test according to DIN VDE 701-702 is extremely important in many respects, because through this inspection they are complying with their obligation to industrial inspectorates and insurance companies. The inspection is carried out on the basis of pertinent standards.

Inspection

The aim is to prevent accidents through electric current for the protection of life and limb for all persons who are located in the immediate vicinity of or inside a wind energy converter. In addition to this, material assets should be protected. Stationary electrical equipment is firmly anchored or massive equipment with electrical elements that have a mobile connection cable.

Scope of inspection

All operating equipment is subject to an individual inspection. The inspection comprises the following three steps, which are also laid down in the DIN VDE regulations:

- viewing: Visual inspection for damage or incorrect use respectively
- testing: Functional test
- Measurement: Execution of prescribed measurements

Calibrated measuring instruments are used for the electrical inspection.

Inspection Result

We value your cooperation in reducing the impact on the environment. Therefore, the client/operating company/investor will receive a detailed digital inspection report of every plant in the shape of a Word or PDF file in which all deficiencies identified are named, described and documented to a large extent by photos. The inspection report contains details of any maintenance work necessary and recommendations regarding maintenance intervals. The recommended deadlines for next inspection are also included in the inspection report. Depending upon the respective task, the inspection report serves for submission to the manufacturer of the WEC, the operating company, the insurer or the appropriate authority.