



Inspection in conformity with DGUV regulation 3 (former BGV A3)

According to §5 of the DGUV regulation 3, the entrepreneur has to ensure that electrical installations and equipment have to be checked in terms of their proper condition prior to the first commissioning, the re-commissioning after a change or repair work and also within certain intervals.

The intervals are to be set in that manner that defects which are likely to occur can be detected at an early stage. In compliance with the DGUV information 203-007 (former BGI 657), inspection intervals for wind energy converters of 2 to 4 years have been proven.

Inspection

As stationary electrical equipment are described rigidly mounted installations which dispose of mobile connection points. As per DGUV regulation 3 (former BGI 657), the inspection is carried out in accordance with the DIN VDE 701-702.

For entrepreneurs this inspection is of great importance in many respects. By this inspection they meet the requirements defined by the Trade Supervisory Offices, the Employer's Liability Insurance Associations respectively by the insurance companies.

Scope of the inspection

All operating resources are subject to individual inspections. Each inspection includes the following three steps which are also stated in the DIN VDE provisions:

Inspection: Visual inspection regarding damages respectively improper usage

Testing: Functional test

Measurement: Performance of prescribed measurements

For the electrical inspection calibrated measuring instruments are used only.

Result of the inspection

The results of the inspection are listed in a detailed inspection report handed over as original copy or in PDF format. In the report, all identified defects are named, described and documented as well as summarized. Additionally, the inspection report contains necessary repair works to be carried out as well as recommendations regarding the maintenance times.

The customer, operator or investor receives a detailed test report of each electrical equipment in the original version and as PDF document containing all identified defects. Corresponding to the particular task, the inspection report is issued for the submission to the manufacturer, insurer or to the competent authority.

The recommended periods for the next inspection are also indicated in the inspection report.



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