

XERVON®

WORKING FOR THE FUTURE

Reliably safe. DGUV Regulation 3 testing



> XERVON Wind GmbH

Our preventive and long-term service and repair concepts are designed to ensure the long life and reliable operation of your systems

xervon-wind.com

> TESTING OF ELECTRICAL EQUIPMENT IN ACCORDANCE WITH DGUV REGULATION 3

Focus on your safety at all times

DGUV Regulation 3 is a mandatory safety inspection of electrical systems and equipment in Germany and also applies to the operation of wind turbines. When it comes to legally compliant and reliable implementation, XERVON Wind is the specialist at your side.

Reliable all-round protection for employees and systems

The DGUV Regulation 3 inspection is based on the Occupational Health and Safety Act (Arbeitsschutzgesetz) and the Ordinance on Industrial Safety and Health (Betriebssicherheitsverordnung). It thus guarantees both the protection of employees and the functional condition of the equipment. Therefore it is essential that this inspection is carried out at regular intervals. Needless to say, XERVON Wind also offers this important service module as part of our preventive maintenance and repair concepts.

Our on- and offshore services

- Inspection and testing concept tailored precisely to your systems
- State-of-the-art measuring methods
- Legally compliant documentation to fulfil your obligation to provide evidence of inspection
- Reliable maintenance of insurance cover
- Prevention of unscheduled plant and production downtimes
- Overview of deadlines – automatic reminder of repeat inspections
- Reliability and professionalism of our electrical technicians



Safe implementation in accordance with DGUV (German Social Accident Insurance), TRBS (Technical Rules for Workplace Safety), ArbSchG (Industrial Safety Act)

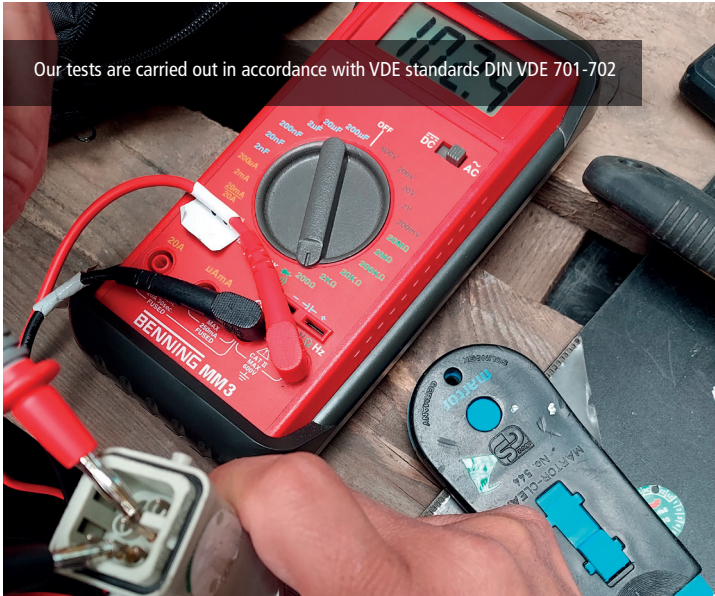


Qualification according to the VDI (Association of German Engineers) and the VDE (Association for Electrical, Electronic & Information Technologies)

Testing services for equipment

The basis of the equipment testing and inspection includes, among others:

- On-site inspection service
- Registration of the facilities requiring testing and inspection
- Load handling and lifting equipment DGUV R 100–500
- Winches, lifting and pulling devices DGUV V54
- Personal protection equipment DGUV R112-198/199
- Electronic tools VDE 701/702
- Torque wrenches DIN EN ISO 6789
- Portable electronic devices in accordance with DGUV V3
- Electrical installations in accordance with VDE 0100
- Hydraulic cables and lines in accordance with DGUV R113-015
- Ladders and steps in accordance with DGUV I 208-016
- Lifting platforms in accordance with DGUV G 308-002
- Industrial trucks in accordance with DGUV V68
- Power-operated doors and gates in accordance with DGUV G308-006



Our tests are carried out in accordance with VDE standards DIN VDE 701-702

Test. Repair. Document.

According to the Ordinance on Industrial Safety and Health (Betriebssicherheitsverordnung), as the operator you have to ensure that a professional inspection is carried out at regular intervals. This should happen at least once a year, according to the manufacturer's specifications.

On the safe side with XERVON Wind

This maintenance and testing has to be carried out by qualified specialists. All works require written documentation which is verifiably available from you, e.g. through test reports or an inspection log. There is no protection of existing power-operated systems which are already in use.

Any faults in the functioning of the systems have to be remedied immediately to prevent hazards to employees or other third parties.



That's not the way to do it! With XERVON Wind you have an experienced, professional partner at your side. We keep your systems in a safe operational condition, so you don't have to worry

Testing services for electrical machinery and systems in accordance with DGUV Regulation 3

The technical inspection includes the following three main points:



1) Visual inspection

Visual inspection of the condition of the components, cables, cable routing and equipment for damage, wear, corrosion or other changes.



2) Functional testing

Here the electrical functions of the device or work equipment are tested to ensure they are in perfect working order.



3) Calibration

Recording of essential parameters through various measurements and comparison with specified limit values.

We also provide the following services:



- Decoupling protection test (transformer and transfer station)
- Transformer maintenance



Loop impedance measurement



Resistance measurement

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XERVON Wind is part of the REMONDIS Group, one of the world's largest service providers for recycling, service and water. The group of companies has branches and associated businesses in more than 30 countries across Europe, Asia and Australia. With over 40,000 employees, the group serves millions of citizens as well as many thousands of companies. The highest level of quality. Working for the future.

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