

We offer a worldwide on-site service for generators up to 250 MVA - regardless of brand and manufacturer. From commissioning to maintenance, troubleshooting, problem solving, to repairs and overhauls, you get everything from one source.

OUR ALL INCLUSIVE-SERVICE

ASSESSMENT

DIAGNOSES ON SITE

DISASSEMBLY ON SITE

ORGANIZATION OF TRANSPORT

REPAIR IN FACTORY

REPAIR - REPLICA - CONSTRUCTION

ORGANIZATION OF RETURN TRANSPORT

REASSEMBLY ON SITE

JOINT COMMISSIONING

TRAINING



In addition, our technicians are equipped with the most modern test and measurement equipment and can carry out the following measurements and maintenance on site:

- Insulation resistance measurements
- Determination of polarization index
- Winding resistance measurements
- Partial discharge measurement
- High-voltage tests
- Tan Delta measurements
- Trouble shooting electrical, AVR and mechanical
- Sleeve bearing inspection
- Ball bearing replacement
- Vibration analysis
- Alignment
- Sale spare parts



TESTS FOR SYNCHRONOUS GENERATORS

- No load characteristic
- Winding test
- Short-circuit characteristic
- No load/short-circuit ratio
- Determination of synchronous reactance x_d
- Overspeed test
- Load characteristic at different $\cos \phi = 0.1$
- Permanent short-circuit test
- Heat run test
- Tan delta measurement
- Determination of efficiency
- Sound pressure measurement
- Partial discharge measurement



Furthermore we offer maintenance contracts. We are aware of the high costs in connection with an unplanned downtime of your equipment. Accordingly, our focus is on prompt support in order to solve your problem as soon as possible.

