### FST Industrie GmbH Gartenfelder Straße 28 13599 Berlin Germany



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www.fst-industrie.de



### Die FST Industrie GmbH Fertigungs-, Service- und Technologiegesellschaft für die Industrie mbH

### Efficient constructions, high-quality products, reliable solutions

Sophisticated technologies call for highly specialized industrial services. FST Industrie GmbH is a specialist provider for the project planning, construction and manufacture of intricate systems, e.g. re-cooling units and inverter systems

### 30 years of experience in the fields of energy and industry

Three decades of manufacturing services for our discerning customers (such as Siemens AG, for example) do not go by without making their mark on an industrial services company: FST Industrie GmbH represents top quality and competence. National and international plant manufacturing projects realized together with our customers make us a reliable partner with a high degree of flexibility.

#### Practice-oriented solutions to meet a wide range of requirements

The portfolio of FST Industrie GmbH also includes the manufacture of devices and components where the requirements regarding quality and testing are strict, e.g. for power transmission, power distribution, power generation and large-scale drive systems, as well as the manufacture of a very wide range of special products for the processing industry, mining, rail engineering and process engineering.

### Complete solutions for industrial customers in Germany and abroad

Power generation
Power distribution
Mechanical engineering and plant manufacturing
Chemical industry
Transport technology
Power transmission
Large-scale drive system manufacturers
Petrochemistry
Mining
And many more





# NON-DESTRUCTIVE TESTING

Comprehensive testing competence at FST Industrie GmbH





DEUTSCHE GESELLSCHAFT FÜR ZERSTÖRUNGSFREIE PRÜFUNG E.V.

## TECHNOLOGY IS OUR PASSION



### Non-destructive testing

### Complex testing procedures for optimal solutions

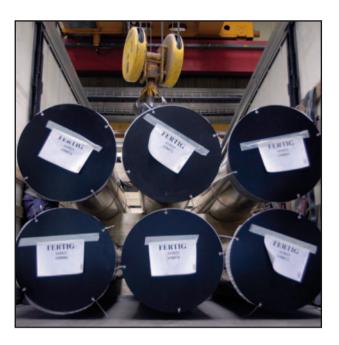
FST Industrie GmbH's service programs, specially tailored to suit customer requirements, include a wide range of testing procedures. Years of experience in the fields of energy and industry, gathered in projects with customers like Siemens AG, for example, mean that FST Industrie GmbH has comprehensive competence in testing. After detailed analysis of the respective testing tasks, we offer you a technically and economically optimized solution to meet your needs.

### **Competent and diligent**

The test personnel in our quality control department are certified as per EN 473. We perform the following testing procedures:

- ·· Visual tests (VT)
- · X-ray tests (RT)
- · Testing for surface defects (MT, PT)
- · Leakage tests and leak detection (LT
- $\cdot\cdot$  Pressure tests according to the technical rules document AD 2000, HP 30 (with water and gases)
  - · Rupture tests according to the technical rules document AD 2000, (Bulletin A1, "Bursting Safety Devices") and ASME VIII, Div. 1 (UD stamp).
    - · Electrical and mechanical function tests
      - · Layer thickness tests
        - · Acceptance tests for components to be used in nuclear installations in accordance with the KTA regulations.
          - Testing is based on the current regulations, European and international standards, and specific customer requirements. We record all test results precisely and document them in inspection certificates 2.1, 2.2 and 3.1 as per EN 10204.









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