

## F + E Ing. GmbH



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**Company profile:** Test laboratory, accreditation in accordance with DIN EN ISO/IEC 17025

Testing, monitoring, quality control and consultation.

Static and fatigue tests (LCF and HCF) on material and components. Material tests on polymers and metallic materials at room temperature and different climate conditions (temperature, humidity, chemical media).

Development of machines for solar heating and cooling.

### **Manufacturing- / delivery programme:**

#### **Testing materials**

Life endurance tests (LCF, HCF)  
Testing materials and components  
Polymer material testing  
CIPP (Cured In Place Pipes) testing

Optimization of mechanical components

Mechanical static and dynamic tests  
High temperature tests

Flexural cycling tests  
Rotational bending tests  
High pressure tests (5000 bar).

#### **Development**

testing apparatus and test rigs  
energy-saving technologies

#### **Products**

Dynamic test devices  
Test rigs and devices.

#### **Analysis & Studies**

Optimization of mechanical components  
Stress-/ Strain analysis  
Finite-Element-Analysis (FEA)  
Feasibility studies  
Value engineering

#### **Instrumentation**

Test equipment  
Scores of testing machines.

For further information please visit our website.  
If you have any questions, please do not hesitate to contact us.