



Industrie Service

**Choose certainty.  
Add value.**

# Steam and Pressure Engineering

Rely on interdisciplinary know-how throughout  
all phases of your projects.

TÜV SÜD Industrie Service GmbH

TÜV®





**TÜV SÜD is your qualified partner for the planning, construction or operation of your steam boiler and pressure vessel installation.**

Benefit from our experience across the entire range of steam and pressure engineering. We provide services and support to installations used as storage and transhipment points for chemicals and crop protection agents, combustible or toxic, liquefied gases and to installations of the chemical and petrochemical industry combined in complex process-engineering systems. Talk to us!





## TÜV SÜD – your expert partner for reliable one-stop solutions.

Testing, monitoring and certification of your steam boiler and pressure vessel installations must address all the following aspects:

- the increasingly complex technologies and processes used,
- the array of statutory regulations,
- the constantly growing demands on people and materials.

What a good thing when you have the support of experienced partners offering interdisciplinary services and rated amongst the best in their field – like the specialists from TÜV SÜD.

Be it planning, construction or operation of your steam boiler and pressure vessel installation, we offer top-line technical expertise, in-depth familiarity with the relevant laws and regulations, and comprehensive safety-related know-how for every project, every stage and every task.

To implement your tasks, we network specialists from various disciplines to set up a powerful team.

Thanks to our longstanding experience and intensive cooperation in the preparation of technical guidelines and standards, we have in-depth familiarity with the state of the art and statutory provisions. One of the reasons why our reports and certificates meet with the highest acceptance by authorities.

TÜV SÜD is a recognised testing, supervisory and certification body for the entire EU (Notified Body 0036) and cooperation partner of Seneca Insurance Company domiciled in Houston, USA. You thus have the opportunity of acquiring both the CE mark and ASME CODE acceptance from a single source – and being ready for the global market.

We offer expert and reliable solutions for your steam and pressure engineering tasks.

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**Ensuring safety  
in all stages  
of your project**

We are familiar with all your areas of activity  
– name your topic.

#### **Our services**

##### **Pressure equipment (pressure vessels, steam boilers and pipelines)**

- Review of licence and permit applications
- Test and deadline management
- Design examinations as per rules and regulations
- Monitoring of construction and assembly
- Testing and certification of assemblies including instrumentation and control technology (I&C)
- Accident and damage investigations, analyses and expert opinions

##### **Tank systems/water conservation**

- Licences governed by construction code and water laws
- Testing of fuel stations and tank farms
- Registration and assessment of installations

##### **Control of major accident hazards**

- Alarm and emergency response planning, hazard analysis (e. g. as per PAAG or HAZOP procedure, fault-tree analysis)
- Impact assessment
- Plant-specific explosion protection

##### **Alternative energy sources**

- Testing of and consultancy on
  - mobile and stationary fuel-cell systems
  - mobile and stationary hydrogen systems
  - biogas systems
- Testing of compressed gas systems and gas-system components

##### **Training and workshops**





Trust in a  
reliable partner:  
TÜV SÜD

There are sound arguments in favour of cooperation with TÜV SÜD. See for yourself.

#### **Tests as per EU Directive**

As Notified Body 0036 we provide tests and certifications in line with European Directives, such as 97/23/EC, 1999/36/EC and 87/404/EEC.

#### **ASME Code**

Currently, the ASME Boiler and Pressure Vessel Code represents the number one rules and regulations on pressure equipment and components worldwide. ASME certification opens the door to global product marketing.

#### **Customised service packages**

For complex tasks, we offer customised service packages precisely tailored to your needs.

#### **Cost awareness**

As we deal with steam and pressure engineering on a daily basis, we can avoid unnecessary activities and duplication of work – and save you money.

#### **Safety**

Our specialists perform a fully integrated assessment of your entire plant or installation, taking the state of the art into consideration – to ensure safety.

#### **Impartiality and objectivity**

Impartiality and objectivity are fundamental requirements for the optimum functioning of your plant or installation. No-one is better suited to objectively evaluate the operability of your plant or installation than experts from TÜV SÜD.

#### **Sound arguments and unique benefits speak for cooperation with TÜV SÜD.**

We will be pleased to assist you in your steam and pressure engineering tasks.





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[www.tuev-sued.com/is](http://www.tuev-sued.com/is)

**We have international representation. Through us, you have access to the entire know-how of TÜV SÜD.**

TÜV SÜD Industrie Service GmbH offers comprehensive services in steam and pressure engineering – worldwide. We conduct tests and certifications in line with international directives and regulations such as 97/23/EC, 1999/36/EC, 87/404/EEC, ADR/RID. We are your reliable partner wherever solutions for complex, interdisciplinary tasks in steam and pressure engineering are needed.

Don't hesitate to call us. We are happy to advise you.

**TÜV SÜD Industrie Service GmbH**

Steam and Pressure Engineering

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