



Industrie Service

Choose certainty.
Add value.

Design, function analysis and documentation

Industrial valves

Given the host of regulations and individual customer requirements which apply today, the use of tried and tested industrial valves frequently involves specific design calculations, functional analyses, additional checks of design characteristics or the use of special materials or production methods.

TÜV SÜD services

Our specialists support you with expertise and efficiency in meeting this challenge. From our work as expert engineers and our performance of testing and inspections in accordance with an array of national and international regulations, directives and standards, we have comprehensive experience with the implementation of the relevant requirements. We compare the requirements defined by regulations and clients against the technical characteristics of your valves and carry out the required analyses. In complex issues we rely on the Finite Element Method (FEM). We review your plans for checking the design characteristics, verify their compliance with the requirements and suggest further tests that may be needed.

We also test the materials used and review the pertinent documents and the intended manufacturing procedures. Where required, we make proposals for conforming substitute materials and reasonable production alternatives.

Our services cover:

- Comparison of regulations
- All types of design and strength analyses
- Function analyses
- Conformity assessment
- Development of suggestions for additional tests, substitute materials, alternative production methods or other modifications

Your benefits

- ▶ Access to first-class know-how
- ▶ Ease your workload and that of your staff and minimise your documentation efforts
- ▶ Impartial, third-party testing and assessment
- ▶ Single point of contact