

Assessment of Materials



Which material is suitable for your application?

Testing by TÜV NORD provides a reliable answer. Examination of materials can be based on both national and international standards and regulations and also on specific customer requirements.

We have the necessary experience, know-how and technical equipment in order to perform in-depth tests on materials and to make well-evidenced statements regarding their characteristics, quality and suitable use.

For without reliable tests, the heavy loads to which materials are exposed in practice can have undesirable consequences: corrosion, wear, fatigue and other defects have a considerable impact on material characteristics and therefore on safety.

In order to provide evidence of the mechanical-technological characteristics, we assess materials and semi-finished products such as sheets and tubes, forged, cast and other metal parts. Our expert reports - documented in detail in VdTÜV material data sheets, European Approval of Materials (EAM), Particular Material Appraisals (PMA) or customer-specific material assessments are recognised in Germany and all over the world and enjoy a high level of trust. Our work in national and international committees means that we can always supply our customers with the most current information.

TÜV NORD - Making our world safer.

Our services

- Testing, assessment and certification of materials and semi-finished products (sheets, tubes, forgings, castings from iron/steel and other metals)
- Assessment of material, manufacturing and processing specifications
- Assessment of plastics and coatings
- European approval of materials
- Particular appraisals

The benefit to you:

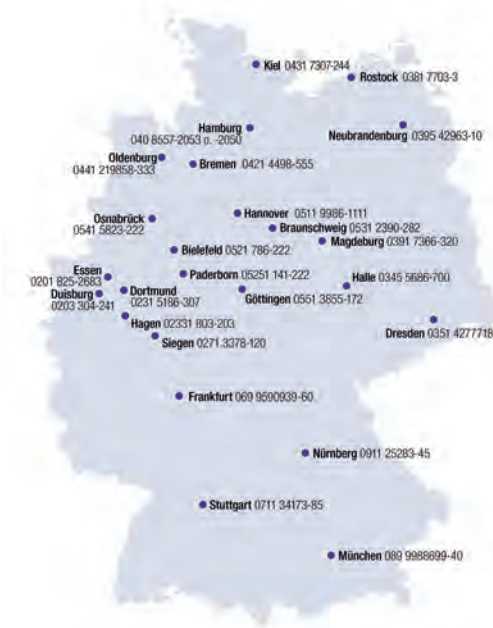
- Reliable material-related statements and testing results
- Optimisation of material and operating costs
- Assured compliance for planning, construction and operation
- Enhanced durability
- Satisfied customers based on high-quality products
- Prompt delivery based on independently proven quality
- Less risk of failure

Our expertise:

- Many years of experience
- Accredited materials laboratories at four locations: Hamburg, Hanover, Leuna and Duisburg
- Experience with German, European and international standards and regulations
- Fast reaction time
- Global network of expert companies
- Advanced knowledge through work in national and international committees

We look forward to sharing our expertise with you.
Why not contact us.

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