Pressure equipment with a maximum allowable pressure greater than 0.5 bar requires a CE marking if it is to be sold within the EU. Manufacturers of pressure equipment can only affix the CE marking if all the requirements of the Pressure Equipment Directive 97/23/EC (PED) are fulfilled. The PED covers pressure vessels, steam boilers and piping, and also assemblies and accessories such as valves and safety valves.

As the PED only contains essential safety requirements, it is always necessary to supplement it with other suitable standards and codes.

These can be harmonised standards such as for example EN 13445, and national codes such as AD 2000.

As a notified body for conformity assessment and certification, TÜV NORD offers comprehensive and competent support in all stages of manufacturing and fabrication.

Our independent experts are represented in all the important national and European working groups and standards committees and are therefore always well-informed regarding the current state of standardisation and regulation and also regarding future developments.

Our worldwide network of experts means that TÜV NORD is always near at hand.

TÜV NORD - Making our world safer.
Manufacture of pressure equipment

Our services

- Support during all phases of manufacture of pressure equipment and assemblies in accordance with the Pressure Equipment Directive (97/23/EC)
- Evaluation of the strength and design of pressure equipment, taking static and dynamic loads into consideration
- Testing and certification of pressure equipment according to harmonised standards and national codes such as AD 2000, ASME, CODAP 2000, PD 5500 and further specifications
- Worldwide testing and inspection of pressure equipment at your factory with our international experts on site
- Certification of quality assurance systems according to Directive 97/23/EC, using existing product, personnel or system approvals as far as possible
- Inspection and certification of simple pressure vessels according to 2009/105/EC

The benefit to you:

- Assurance of legal compliance for all manufacturing and fabrication stages
- One-stop service
- Worldwide availability of test personnel and inspectors
- Integration of existing qualifications and approvals
- Minimisation of possible follow-up costs

Our expertise:

- Accreditation according to EN 45011, 17021, 17025, 17024 for all testing, inspection and certification procedures within the scope of 97/23/EC and 2009/105/EC
- Many years of experience
- Extensive and wide-ranging competence
- Fast reaction time - national and international
- Expertise in international standards and regulations
- Accredited material laboratories at four locations: Hamburg, Hanover, Leuna and Duisburg
- Participation in all important working groups and standards committees, such as Comité Européen de Normalisation (CEN), Conformity Assessment Body Forum (CABF)

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

druckgeraete@tuev-nord.de

TÜV NORD Systems GmbH & Co. KG
Große Bahnstraße 31 · 22525 Hamburg
Am TÜV 1 · 30519 Hannover
Technologiepark 1 · 45307 Essen

www.tuev-nord.de

TÜV NORD GROUP