



Choose certainty.  
Add value.

## Transportable pressure equipment

Ensure your equipment meets  
TPED requirements.

### Your challenges

Since the early days of industrialisation, manufacturers have placed the highest importance on the safe and efficient function of pressure equipment, especially during transport. Manufacturers of transportable pressurised equipment need to ensure that products such as fuel gas cylinders, welding gas cylinders, road tankers, battery vehicles, containerised vessels, cylinders in life rafts and lifejackets, as well as vessels for cryogenically cooled gases, meet the legal requirements for the safe transport of gases within the European market.

### What is Transportable Pressure Equipment Directive 2010/35/EU?

Transportable Pressure Equipment Directive 2010/35/EU (TPED) addresses the safety requirements and the

conformity assessment procedure for transportable pressure equipment used exclusively for the transport of gases (Class 2) between community territories. Transportable pressure equipment is required to bear the Pi-mark logo to indicate compliance with the directive.

### Why is TPED important for your business?

Companies seeking to export transportable pressure equipment to the European market must comply with the new TPED Directive 2010/35/EU. In addition to TPED, companies are also required to comply with the agreements and regulations concerning the international carriage of dangerous goods by road (ADR), by rail (RID) and by inland waterways (ADN). These regulations apply to the safety of transport within Europe, addressing the conditions of transport of dangerous goods (i.e. dangerous wastes, gases or liquids that may damage the environment when spilled).



## How can we help you?

Only Inspection Bodies in accordance with ADR/RID and Notified Bodies in accordance with TPED can carry out type examination of transportable pressure equipment. TÜV SÜD is an authorised inspection and testing body for the European Agreement Concerning the International Carriage of Dangerous Goods by road and rail. We can help companies in this certification process for European countries.

## Our transportable pressure equipment services

- **Type testing**  
Transportable pressure equipment has to be type approved by an EU Notified Body. With our longstanding experience and state-of-the-art facilities, we carry out type tests in accordance with European standards.
- **Initial inspection**  
TÜV SÜD provides initial inspection and Pi-mark services for manufacturers.
- **Periodic testing**  
Our experts provide transportable pressure equipment operators with periodic testing services in accordance with requirements.
- **Quality system (QS) approval**  
As an EU Notified Body, TÜV SÜD can perform QS approval of manufacturers and operators. This allows them to carry out their own initial/periodic inspections.
- **Supply chain services**  
TÜV SÜD's end-to-end service portfolio for importers and traders of new transportable pressure equipment covers pre- and post-shipment inspections, expediting, Certification of Conformity and other procedures throughout the product value chain.

## Your business benefits

- **Save time and cost** – through our extensive experience to avoid cost-intensive and time-consuming delays, rework and downtime.
- **Minimise risk** – by identifying and avoiding non-conformities at the planning stage that could lead to significant losses.
- **Increase efficiency** – by working with a single partner to achieve a seamless solution throughout your project lifecycle.
- **Gain wide recognition of certification** – with TÜV SÜD's reputation for independence and impartiality, ensuring widespread acceptance of your certificates and certification marks.

## Why choose TÜV SÜD?

TÜV SÜD has a worldwide reputation as an independent third-party solutions provider. We provide reports and certificates that meet with the highest acceptance by authorities. Our extensive experience and participation in preparing technical guidelines and standards make us an ideal partner for testing and certification. We are a recognised testing, supervisory and certification body for the entire EU (Notified Body 0036).

## Choose certainty. Add value.

TÜV SÜD is a premium quality, safety and sustainability solutions provider that specialises in testing, inspection, auditing, certification, training and knowledge services. Represented in over 800 locations worldwide, we hold accreditations in Europe, the Americas, the Middle East, Asia and Africa. By delivering objective solutions to our customers, we add tangible value to businesses, consumers and the environment.

## Related services

TÜV SÜD provides the following related services:

- Machinery directive
- Non-destructive testing for industrial plants and systems
- Pressure equipment manufacturer services
- Pressure equipment operator services
- ASME boiler and pressure vessel code