



Add value.  
Inspire trust.

## Marine equipment testing and certification

Achieve global market access for your marine products



### Your challenges

Regulations surrounding marine products are becoming increasingly complex. As a result, meeting the market entry requirements of many countries can be a daunting process. The European Union (EU) alone has nearly 40 different regulations governing maritime products and services, and determining which regulations apply to your equipment can be a challenge. Most manufacturers cannot afford the manpower and resources required to review and understand the regulatory forces governing marine equipment. This means they risk being denied entry into world markets.

### What is marine certification?

Most equipment used on vessels at sea must undergo a compliance process designed to ensure that it is able to survive the ocean's harsh environment. This usually involves testing and sometimes certification depending on the equipment and the type of vessel it will be installed on.

### Why is marine certification important for your business?

Manufacturers whose products are not certified by a reputable third-party testing and inspection body will find it hard to gain customers and penetrate markets. As marine equipment is subject to extremely harsh operating conditions, shipbuilders and end customers will usually reject untested products outright.

### How can we help you?

TÜV SÜD is a well-established testing and certification body, and a Notified Body under the EU's Marine Equipment Directive 96/98/EC (MED). We have the necessary expertise and knowledge to help ensure your products comply to ever-changing maritime regulations, from training and testing through to final certification. Our internationally recognised brand can also help your products gain access to global markets.



## Our marine testing and certification services

TÜV SÜD is a one-stop provider for all your marine equipment testing and certification needs.

### ■ Environmental testing

We have one of the largest environmental testing portfolios in the world. Our experts have been conducting climatic testing and mechanical shock and vibration testing on marine equipment for over 50 years.

### ■ EMC testing

TÜV SÜD is also one of the world's largest electromagnetic compatibility (EMC) testing service providers. We specialise in meeting the general testing requirements for the EN/IEC 60945 Maritime Navigation and Radiocommunication Equipment and Systems standard.

### ■ Radio testing

Our radio test facilities and expertise are unparalleled. TÜV SÜD is one of only five laboratories in the world that are authorised to perform search and rescue beacon testing on behalf of Cospas-Sarsat, the international distress alert and location system.

### ■ Certification

TÜV SÜD holds over 100 accreditations and appointments globally. Our world-recognised test certificates can help ensure confidence in your business and products.

### ■ Knowledge services

As a leading testing supplier to the marine industry, our knowledge services are highly respected, particularly when it comes to unusual or difficult testing programmes.

## Your business benefits

- **Save money** – through our dedicated team of experts, who are committed to increasing reliability, enhancing efficiency and adding tangible economic value to your operations.
- **Save time** – by working with us in a partnership that supports the entire product lifecycle, from the initial planning through design to operation and maintenance.
- **Benefit from a competitive edge** – by gaining insight and foresight about national and international standard developments through our experts' participation in standardisation committees.
- **Enjoy total transparency** – with our proactive, pragmatic approach, which ensures that your necessary compliance to all international and national standards is achieved cost effectively.

## Why choose TÜV SÜD?

TÜV SÜD is a Notified Body under the EU's Marine Equipment Directive (96/98/EC), R&TTE Directive (1999/5/EC) and EMC Directive (2004/108/EC). We also hold appointments by the Federal Communications Commission (FCC) of the U.S. and Industry Canada, and are recognised by the U.S. Coast Guard (USCG) for testing a number of product categories.

Our global network of laboratories and experts cover all main world markets including Europe, the U.S., Canada and Australia. We have international experts based in most markets who can deliver our services in your local language. By engaging TÜV SÜD as your marine equipment certification partner, you can give your products a stamp of distinction from one of the world's most respected independent testing and certification service providers.

## Add value. Inspire trust.

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 and Asia. By delivering objective solutions to our customers, we add tangible value to businesses, consumers and the environment.