



# Ask us about ... the Type Approval of Products and Systems

DNV Maritime



## Growing demand

Manufacturers, exporters and importers are faced with a growing demand for proof of compliance with product quality standards. Such standards have originated from an increasing emphasis on human health, environmental safety and consumers' rights.

Likewise, strict liability legislation has emerged, posing significant economic problems for the maritime and other industries in cases where adequate proof of quality cannot be demonstrated.

## Future trends

Companies operating in these industries should be aware of shipping and technology trends towards 2015:

- *Significant growth* is expected in the volume of seaborne trade, number of ships, fleet tonnage and average ship size.
- *Light-weight materials* will be increasingly used in order to reduce weight.
- *New materials* for ship building, e.g. sandwich design, composites, surface treatments.
- *Intelligent alarms* in the case of, e.g., fire and smoke, water ingress and critical courses.
- *Voyage data recorders (VDR)* will be utilised in accident investigations to retrieve causal information.
- *Hazardous materials*: an international focus on minimising the use of such materials.



## Why DNV?

By having your products type approved, you will not only achieve a 'ticket to trade' but also reduce the risk of claims caused by non-compliant products. Your brand will be associated with high quality and environmentally friendly products.

To meet the need for documented product quality, DNV offers Type Approval and/or Type Examination of products and systems to the maritime and other industries:

- DNV Type Approval is issued when a product or system complies with the DNV Rules.
- DNV Type Examination is issued when a product or system must only comply with international standards.

We assess the design of systems and components, making them fit for purpose and ensuring compliance with the DNV Rules and/or international standards.

The products will fulfil market expectations with respect to:

- Standardisation
- Effective use of resources
- Fitness for use
- Cost efficiency
- Certificate(s) available on the Internet

## Roxtec: a satisfied customer

"At Roxtec, we chose DNV as our Certification Body for many reasons, including its strong local presence, high availability and, from our point of view, quick and competent service organisation.

"Another important reason was the functionality in DNV Exchange, which provides our customers with a fast and easy way to obtain information about our product certification and important contacts."

*Magnus Gustavsson, Test and Certification Engineer,  
Roxtec International AB*



## What is available?

DNV offers to issue a Type Approval Certificate and/or a Type Examination Certificate within the following product categories:

- Container, Cargo Handling, Lifting Appliances and Miscellaneous
- Drilling and Well Control Equipment
- Electrical Equipment and Systems
- EU Marine Equipment Directive
- Fire Safety
- Instrumentation/Automation including Navigation and Communication
- Life Saving Appliances
- Machinery Components
- Machinery Planned Maintenance Systems
- Mechanical Equipment, Piping
- Non-Metallic Materials
- Welding Consumables

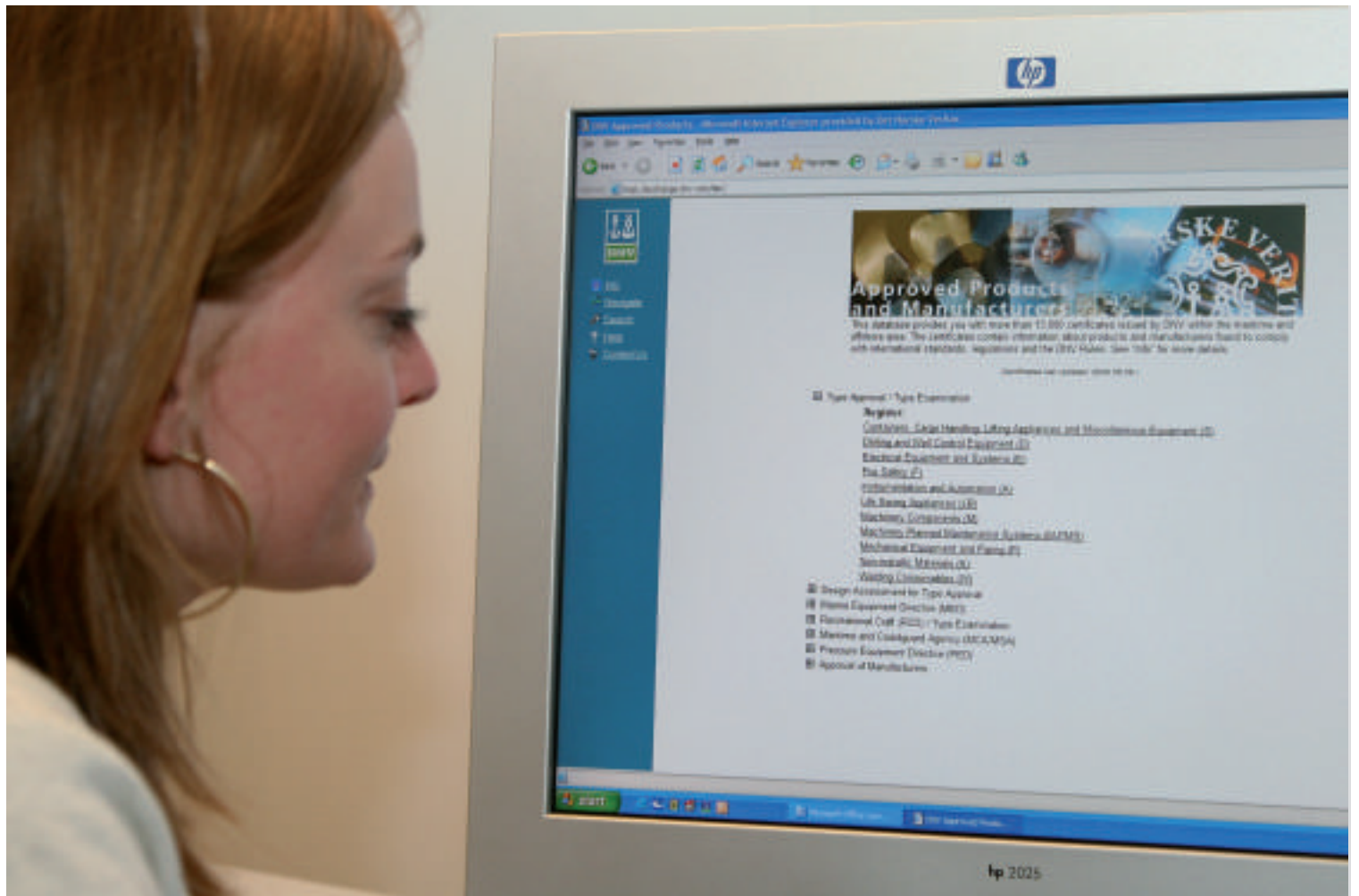
These product categories contain more than 650 product groups, which are listed at the DNV Exchange website: <http://exchange.dnv.com/tari/>

For more information about the product categories and actual type approval programmes, please contact us at [Approved.Products.Internet@dnv.com](mailto:Approved.Products.Internet@dnv.com)

Alternatively, contact your local DNV station or other DNV office listed at [www.dnv.com](http://www.dnv.com).

### **TYPE APPROVAL ACCORDING TO THE EU MARINE EQUIPMENT DIRECTIVE (MED)**

DNV has been appointed Notified Body to approve products and issue certificates in accordance with the EU Marine Equipment Directive, including USCG approval.



## DNV Exchange

The web application DNV Exchange provides a wide range of information and services, including Type Approved Products, to the maritime and other industries.

This service provides details of every item of equipment, such as manufacturer information and product and technical data.

As a user of DNV Exchange, you will obtain free-of-charge regular updated data on type approved products and systems and benefit from instant access to all relevant information.

<http://exchange.dnv.com/tari/>

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