



NDT Training Center

Our team of highly qualified engineers and technicians solves the NDT problems of many customers every year. The NDT training center enables the continuous development of the qualifications of our inspectors. This leads to efficiency and flexibility, which are highly appreciated by customers of our Testing & Inspection Division.

During an inspection our NDT inspectors notice quite often that it is not clear to the customer why certain methodologies and approval standards are being used.

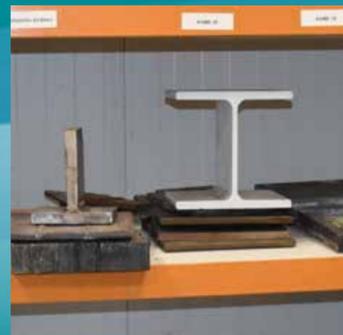
Our training center provides a brief training for yard managers, project managers, classification societies

and engineers involved in the construction and repair of ships and in many other fields.

During this NDT course, the regulations and standards that come with it are also discussed. Following the NDT course, customers get more insight and hopefully gain more understanding for the inspection and inspector.

Moreover clients can often perform an initial assessment themselves before ordering an NDT examination.

For more information please contact our NDT manager at info@nedmarine.com



About Ned Marine Services B.V.

Ned Marine Services BV is an international leader in all kind of ship and off shore related inspections, 24/7, all over the world. Types of inspection: Ultrasonic Thickness Measurements (UTM), Hatch Tightness Testing, New Building Inspections, Superintendency, Coating Inspections, Pre Conditional Survey (pre vetting inspection), Hull Condition Monitoring, Marine Consultancy, NDT Inspections, Cathodic Protection, Gangways, Bulwark ladders, ICCP Systems and MGPS Systems.

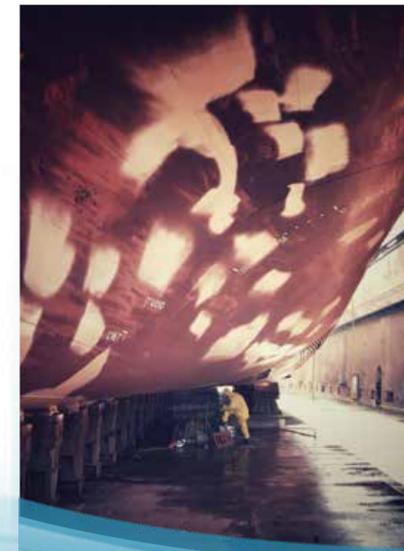
We have over 20 years of experience and are approved by all major classification societies and by ISO 9001-2015 and SCC 2017/6.0

Ned Marine Services B.V. consists of:

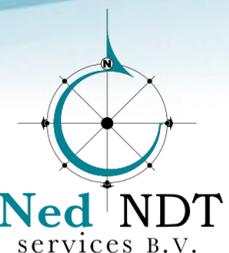
- Ned NDT Services B.V.
- Ned Industrial Products and Service B.V.
- Ned Marine Cathodic Protection

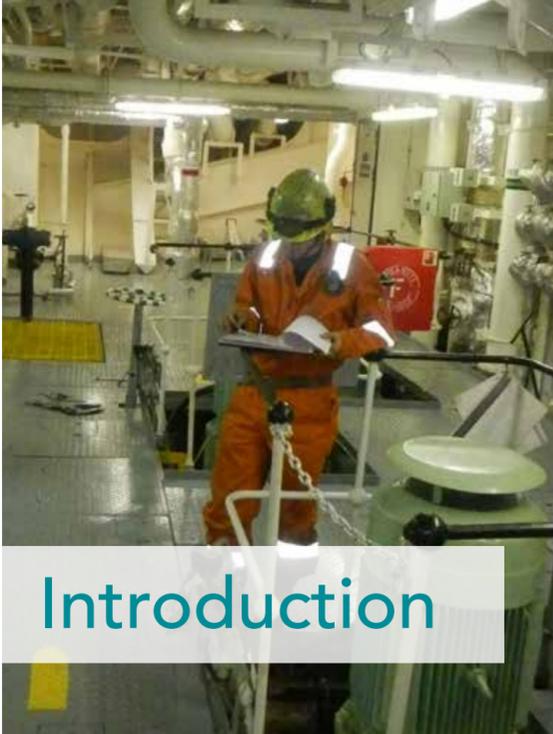


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Non-destructive testing





Introduction

Our markets

We have established an excellent reputation in supplying and maintaining various industries:

- Shipping
- Offshore oil and gas
- Offshore wind
- Shipbuilding and repair
- Machine building and steel construction
- Civil engineering and infrastructure
- Process industry and energy
- Super yachts and leisure yacht
- Recreational industry
- Train tracks
- Lifting equipment
- Cranes
- Other markets

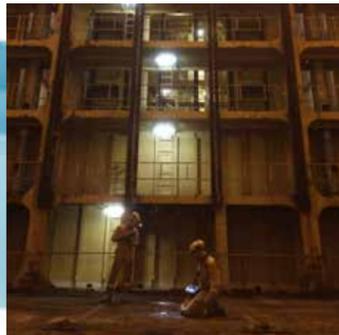
Ned NDT Services B.V. is founded in 2010 and is a leading supplier in the non-destructive testing industry (NDT).

The company ensures that professionals can work safely and efficiently with their equipment and focuses on testing and analysis techniques. We evaluate the properties of materials, components, structures or systems for characteristic differences or welding defects and discontinuities, of course without causing damage to the original part(s). 24/7 All around the world.

Our services

We provide certified testing methods such as:

- Ultrasonic testing
- Magnetic testing
- Penetrant testing
- Visual testing
- Eddy current
- Vacuum box inspection
- Hardness testing
- Hatch tightness testing
- Ultrasonic thickness measurements
- Quality control (QC)



More about our services

Whether you're involved in manufacturing or you manage industrial assets, ascertaining material integrity is a top priority. The quality of welding and other production processes can literally make or break your success.

Our non-destructive testing (NDT) services include inspection of both metallic and non-metallic components and structures. According to requirements, NDT can be undertaken during production, post-production, in-service and following repair.

We also provide failure investigation service and key test data as part of a fitness for service or risk-based inspection procedure.

The aim of Ned NDT Services BV is to provide their clients the right inspection with the best techniques. Providing a proper advice and a clear report after checking the requested items. Our skilled engineers are able to choose the best NDT techniques suitable for each job. All engineers are certified according to NEN ISO 9712 level II or level III and the equipment is carefully calibrated in accordance with the latest rules and regulations.

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>> **Ultrasonic testing** This method will provide indications of surface and subsurface discontinuities, will determine by the use of the proper technique the depth and exact size of the damage in the material. Ultrasonic pulses are directed into the test object which produces echoes and reflections which then indicate the presence, absence and location of flaws, interface and/or discontinuities.

Visual Inspection Visual Examination is generally used to determine such things as the surface condition of the part, reinforcement and undercutting of welds, alignment of mating surfaces, shape or evidence of leaking.

Magnetic Testing The Magnetic Particle method can be used only on ferromagnetic materials to reveal surface discontinuities and to a limited degree, those located below the surface. The sensitivity of this method decreases rapidly with depths below the surface being examined and therefore, it is used primarily to examine for surface discontinuities. Ned Marine offers large, stationary in-house test units for high volume inspection and a full range of portable units designed for reliable, efficient testing in the field.

For more information and for all of our NDT techniques please visit www.ned-ndt.nl

