

Maritime, oil & gas

Testing and certification

Comply with international approvals, industrial driven requirements and requirements from classification societies! Nemko is a highly recognized body for testing and certification in the maritime, oil and gas industry.



Nemko is an accredited test laboratory (EN ISO/IEC 17025) and a certification body (EN 45011) and offers a full service scope for:

Maritime equipment

- Marine equipment directive
- IACS and class societies requirements
- FCC and USCG parts
- CE mark

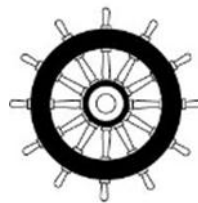
Offshore

- Mobile and fixed offshore units

Subsea

- Design and operation of subsea production systems

Wheelmark



Nemko is officially appointed as a Notified Body under the terms of the marine equipment directive 96/98/EC (MED).

MED applies to the equipment listed in Annex A.1 of the directive for use on board community ships.

- Fire protection equipment (Annex A 1/3)
- Navigation equipment (Annex A 1/4)
- Radio communication equipment (Annex A 1/5)

CE mark



Nemko is also appointed as a Notified Body under the terms of the R&TTE, EMC and LVD directives. These directives may apply for electronic marine equipment not listed in the marine equipment directive.

- R&TTE: Radio and telecommunications terminal equipment directive
- EMC: Electro magnetic compatibility directive
- LVD: Low voltage directive

Maritime, offshore and subsea – EMC testing

Does your equipment work in harmony with others?

Your product is manufactured for a certain operating environment. In this environment the product is subject to numerous electromagnetic disturbances, like radiated electric fields and conducted transients, all caused by other electrical and mechanical products or by a natural phenomena such as lightning and solar winds. At the same time your product contaminates this environment with its own generated disturbances. Our excellent facilities for EMC testing help you measure the product emission and can test its capability to withstand external disturbances.

Nemko have state-of-the art facilities for **EMCsimulation**.



Maritime, offshore and subsea – reliability testing

Does your equipment work under all conditions?

Products that are manufactured to withstand certain environmental conditions must be exposed to specific kinds of strain.

Here is where our rigorous environmental testing capability can help you ensure that your products keep up with the expectations, the specifications, and beyond.

Nemko have state-of-the art facilities for environmental simulation.

Examples of relevant requirements

- IEC/EN 60945
- IACS E10
- Classification Societies
- EN 54 Fire detection and alarm systems
- ISO 13628-6
- IEC61892
- Other

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