Electromagnetic compatibility (EMC)

World-wide services

Nemko provides comprehensive global EMC testing and certification services within regulatory requirements for a wide range of product categories.

Nemko is a major international player in EMC testing, based on our own EMC test sites in Europe, the Far East and North America. All our sites are equipped for a wide range of tests. You can select from a variety of shielded enclosures, anechoic chambers, and open area test sites, all equipped for testing a wide range of products.

Our associated EMC laboratories

You may also benefit from a series of local EMC laboratories around the world. Nemko has qualified more than sixty EMC laboratories around the world, to become Nemko approved testing facilities under our ELA Program. Through own laboratories and associated ELA laboratories we provide easy access to any market worldwide.

- Testing By Manufacturer (TBM) Scheme
- EMC Laboratory Authorization (ELA) Scheme

Quality assurance

All laboratory services carry international accreditations. Most facilities carry one or more national approvals from:

- FCC approval/listing (USA)
- Industry Canada approval/listing (Canada),
- GOST (Russia)
- BSMI (Taiwan)
- CCIBLAC (China)
- VCCI (Japan)
- RRL (Korea)
- ACA (Australia)

Why choose Nemko for EMC testing?

- Fast and efficient T&C services with guaranteed short delivery times.
- Modern and flexible testing facilities with large capacity.
- Nemko test reports provide well-known readability and easy access to any marketplace.
- Nemko keeps up to date on changes and developments in international standardization like CENELEC and IEC/CISPR.

Nemko EMC Laboratory locations

- USA – San Diego
- Canada – Ottawa
- Korea- Seoul
- Italy – Milano
- Germany - Pfinztal
- Norway – Oslo

Fields of operation

- Commercial electronics and appliances

- Radio/telecom equipment
- Electro-medical equipment
- Maritime equipment
- Subsea equipment
- Offshore systems
- Industrial applications
- Military equipment
- Automotive electronics
- Fire & Security equipment

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[1]

EMC Emissions [1]

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[2]

EMC Immunity [2]

Nemko provides extensive EMC immunity testing services to national and international manufacturers and gives advice when appropriate testing levels are decided and the protection mitigations necessary to comply with the specifications are sought.

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[3]

Electromagnetic Fields (EMF) [3]

Nemko provides laboratory measurements of electromagnetic fields (EMF) from household appliances, lighting and welding equipment in order to show compliance with the human exposure requirements of the low voltage directive.

On-site EMC Testing [4]

Nemko gives you the opportunity to have your product EMC tested at your own location. Maybe you have a very large appliance, or equipment with special demands for external provisions, which are impossible to provide in a laboratory? Have Nemko do testing where you want!

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[5]

Automotive EMC Testing [5]

Nemko offers accredited EMC testing according to automotive standards in our laboratories in Italy. This opens the way for EMC Type Approvals of vehicles and related equipment based on our reports.

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[6]

Military EMC testing [6]

Nemko offers EMC testing according to military standard MIL-STD 461 D, E and F in our laboratories in Italy and in San Diego.

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[7]

Nemko EMC certification [7]

Customers which need an EMC certificate can select from different schemes provided by Nemko. International certifications like CB or CCA, or our proprietary certifications like Nemko EMC Mark or Nemko EMC Robust Mark.

Source URL: https://www.nemko.com/product-testing/emc-testing
Links
[1] https://www.nemko.com/product-testing/emc-testing/emission
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