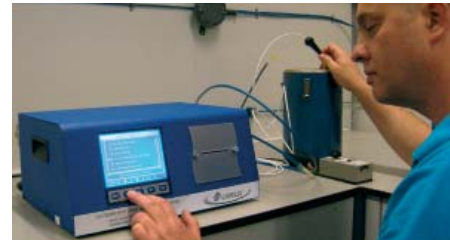


Exhaust Gas Analysers

Your route to Conformity

To check whether a vehicle complies with the statutory requirements, the chemical composition of the exhaust fumes from cars with internal combustion motors (petrol or LPG) is measured during MOT tests with the aid of an exhaust gas analyser. According to the Directive 2004/22/EC of the European Union on Measuring Instruments (MID), Annex MI-010 an exhaust gas analyser is a measuring instrument to determine volume fractions of CO, CO₂, O₂, and HC.



Netherlands

NMI is the appointed institute in the Netherlands for nationally regulated MOT measuring instruments. NMI can perform type approval of oil temperature meters, revolution counters and smokemeters according to Dutch national legislation.

EU and beyond

NMI is the leading notified body in type examination on exhaust gas analysers according to MID. In addition, NMI can certify your exhaust gas analyser in accordance with the OIML Recommendation R99. An OIML R99 test report will facilitate obtaining an approval in many countries in and outside the European Union.



Transparency in our services: clarity in advance!

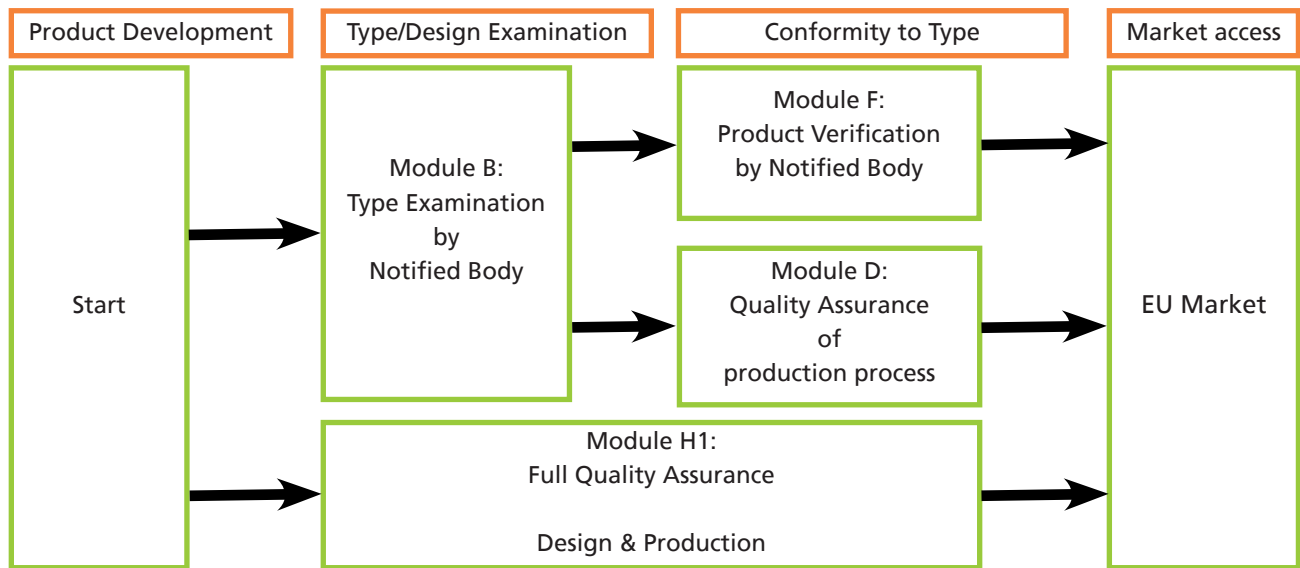
NMI always informs you about the project steps in advance. We are happy to work, with prior agreement, on investments, test programs and time schedules. Before starting tests, we will issue a draft certificate based on your documentation. This is to ensure that the exact project definition is captured correctly at the start of the investigation.

NMI thinks ahead

In order to achieve a minimum time to market, it is vital that your design complies with the legal requirements in the target countries. NMI can assist you at this stage, thus avoiding costly modifications to your design during the type approval process.



Possible routes to conformity with MID



Flexible method to provide structure

NMi uses a flexible method to provide structure in your approval documents. This method gives you a clear view on the consequences of a product modification defined by the following classifications:

- **Essential Properties:**
If an essential property has to be modified, revision of your certificate is needed as these modifications have an impact on the metrological aspects of your product.
- **Conditional Properties:**
The conditions under which this property can be used or attached are mentioned in your certificate. Changes to this condition could lead to small revisions of your certificate.
- **Non-Essential Properties:**
Modifications in non-essential property have no consequences for your certificates. You are free to modify these parts. The modification has no effect on the metrology aspects of the product.

What NMi offers you

In the specific field of MOT related measurement instruments, NMi offers you the following services:

- MID Type Examination
- OIML Certificates of Conformity
- OIML test reports
- Type Approval according to Dutch national legislation
- Type Approval Management
- Certification of Quality Management Systems
- ISO 9001
- Training
- Consultancy

NMi Certin B.V.
 Hugo de Grootplein 1
 P.O. Box 394
 3300 AJ Dordrecht
 T +31 78 633 23 08
 F +31 78 633 23 09

More information?
 Would you like more information
 about our service?
 Or would you like an appointment
 with one of our consultants?

Please contact:
 NMi Certin B.V.
 Sales department
 T +31 78 633 23 08
 F +31 78 633 23 09
 E certinsales@nmi.nl
 I www.nmi.nl

TRUE VALUE
 + Testing
 + Certification
 + Calibration
 + Training