



Safety standards: for wheelchairs and scoot mobiles

To ensure the quality and safety of your wheelchairs or scoot mobiles, we provide a wide range of testing and certification services. TÜV Rheinland is your professional partner for testing and inspecting wheelchairs and scoot mobiles.

Wheelchair and scoot mobile testing for manufacturers and importers

In Europe, wheelchairs and scoot mobiles are subject to the European Medical Device Directive 93/42/EEC. These products can only be launched onto the market if they fulfil the necessary requirements (Annex 1 of the Directive). TÜV Rheinland Nederland is your professional partner for testing and inspecting wheelchairs and scoot mobiles in accordance with the harmonised product standards incorporated into these requirements.

Medical Device Directive

Medical devices, including wheelchairs and scoot mobiles, must comply with the European Directive for medical devices 93/42/EEC. These products can thus only be marketed if they fulfil the essential requirements (Annex 1 of the Directive).

Because the Directive applies to a very wide range of products, Medical devices are classified based on the risks they present to patients or carers. Wheelchairs and scoot mobiles are classified as class I. Class I means that manufacturers can, for their own account, declare that their products comply with the essential requirements established in Directive 93/42/EEC. Once manufacturers have compiled a technical file (including a risk analysis and their own Declaration of Conformity regarding Directive requirements) and applied to the Health Authority, they can apply the CE mark and launch their products onto the market.

With TÜV Rheinland Nederland you will benefit from over 30 years of experience relating to testing and assessing wheelchairs and scoot mobiles.

Why testing and inspection at TÜV Rheinland?

We are a member of the standardisation group responsible for wheelchair and scoot mobile standards. We are familiar with the backgrounds of tests that have to be performed and are aware of possible pending changes in new versions of these standards. Together with the client, we always try to examine whether this cutting-edge knowledge can be implemented in the proposed testing program.



Our experience – your benefit.

Thanks to our accreditations we can support your project as ISO 17025 accredited laboratory.

Complete testing package

TÜV Rheinland is able to offer the most complete testing package, including:

- Static and dynamic stability for safety in use
- Speed
- Braking distance
- Acceleration and deceleration
- Strength and durability
- Driving performance
- Fire safety
- Electrical safety, including EMC

Because all tests will be performed within the TÜV Rheinland group, we can easily accommodate our customers' wishes to witness the testing processes of their products.

Besides the ability of TÜV Rheinland to perform valid tests in accordance with international standards, we also offer the opportunity to use our testing set-up to perform customer-specific R&D tests under the supervision of one of our experts.

Applicable standards for verification

The following standards are common to use for testing wheelchairs and scoot mobiles:

- EN 12183 for manual wheelchairs
- EN 12184 for electric wheelchairs and scoot mobiles
- ISO 7176-series - the internationally accepted series of standards that describe the various testing methods for wheelchairs and scoot mobiles
- IEC 60601-1: general safety for medical electrical devices
- EN 12182: technical aids for disabled persons

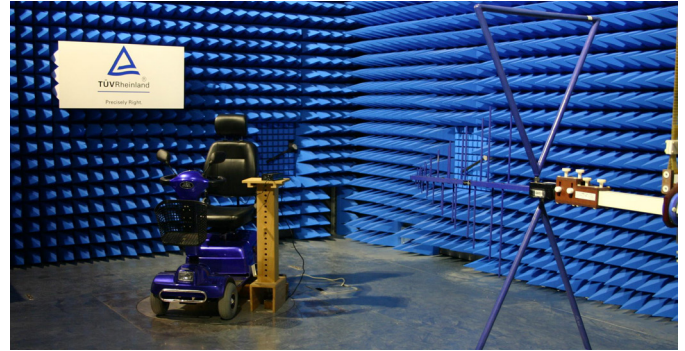
Besides these specific standards for wheelchairs and scoot mobiles, we are also able to perform quality management certification in accordance with ISO 13485 and/or ISO 9001.

Your contact

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Unique combination

From our independent position, TÜV Rheinland Nederland deals with testing and inspection, assessment of dossiers, manuals, texts about wheelchairs or scoot mobiles, risk analyses, etc., and identifies all findings in clear and comprehensive reports. TÜV Rheinland Nederland possesses all the facilities needed to test products to aspects such as strength and durability, electrical safety, EMC, fire safety, environmental influences, etc..



Further Information

Visit our website (www.tuv.com/wheelchair) for a complete overview of our products and services. If you would like further information about the testing and inspection of wheelchairs and scoot mobiles, please contact us.

Always a good sign



This mark stands for all the information about products, services and systems that are tested, certified or inspected by TÜV Rheinland. Transparent, available anytime worldwide – powerful and unique.

The TÜV Rheinland test mark.