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Safety standards for wheelchairs and mobility scooters

To ensure quality and safety, TÜV Rheinland is your professional partner for testing of wheelchairs and mobility scooters.

WHEELCHAIR AND MOBILITY SCOOTER TESTING FOR MANUFACTURERS AND IMPORTERS

In Europe, wheelchairs and mobility scooters are subject to the European harmonised standards. These products can only be launched onto the market if they fulfil the necessary requirements (Annex 1 of the Directive).

TÜV Rheinland is your professional partner for testing and inspecting wheelchairs and mobility scooters in accordance with the harmonised product standards incorporated into these requirements.

MEDICAL DEVICE DIRECTIVE

Medical devices, including wheelchairs and mobility scooters, 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).

In the Directive medical devices are classified based on the risks they present to patients or carers. Medical devices are classified based on the risks they present to patients or carers.

Wheelchairs and mobility scooters 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) and applied to the Health Authority, they can apply the CE mark and launch their products onto the market.

OUR EXPERIENCE – YOUR BENEFIT.

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

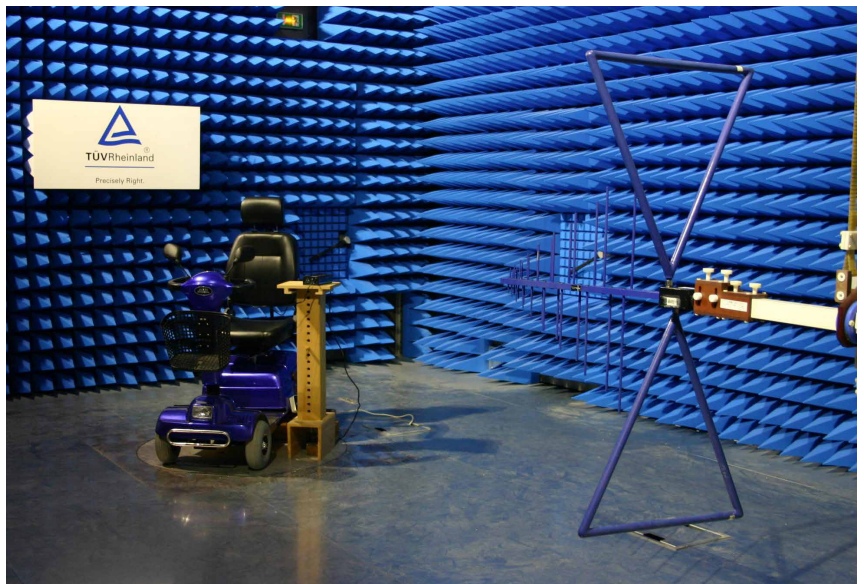
www.tuv.com/wheelchair

 **TÜVRheinland®**
Precisely Right.

With TÜV Rheinland you will benefit from 30 years of experience in quality and safety assessments of wheelchairs and mobility scooters.

WHY TESTING AND INSPECTION AT TÜV RHEINLAND?

We are a member of the standardisation group responsible for wheelchair and mobility scooter 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 you and your company, we always try to examine whether this cutting-edge knowledge can be implemented in the proposed testing program.



COMPLETE ACCREDITED 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

APPLICABLE STANDARDS FOR VERIFICATION

The following standards are common to use for testing wheelchairs and mobility scooters:

- EN 12183 for manual wheelchairs
- EN 12184 for electric wheelchairs and mobility scooters
- ISO 7176-series – the internationally accepted series of standards that describe the various testing methods for wheelchairs and mobility scooters
- EN 12182: technical aids for disabled persons

We can easily accommodate your wish to witness the testing processes of your 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.

UNIQUE COMBINATION

From our independent position, TÜV Rheinland deals with testing and inspection, assessment of dossiers, manuals, texts about wheelchairs or mobility scooters, risk analyses, etc., and identifies all findings in clear and comprehensive reports.

TÜV Rheinland 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 mobility scooters, please contact us.