



ANSI/RESNA WC-1:2009

American National Standard for Wheelchairs –

Volume 1: Requirements and Test Methods for Wheelchairs (including Scooters)

This standard applies to manual and powered wheelchairs, including scooters, and accessories for wheelchairs and scooters. It specifies vocabulary, disclosure requirements for testing, and test methods and methods of measurement for: static stability; wheelchair and seat dimensions; static, impact and fatigue strength testing; flammability requirements; test dummy specifications; and set-up procedures.

These standards affect:

The Food and Drug Administration that manages wheelchairs as medical devices

The Centers for Medicare & Medicaid Services (CMS) and Medicare Pricing, Data Analysis and Coding (PDAC) who establish coding guidelines and establish policy for the provision of mobility technologies

The Department of Veterans Affairs – Prosthetics and Sensory Aids Service – Wheelchair purchasing contracts

Manufacturers of wheelchairs, scooters and mobility devices

Researchers

Designers and test laboratories of mobility devices

Users/Caregivers

ANSI/RESNA WC-1 consists of the following sections under the general title **Wheelchairs**:

- Section 1: **Determination of static stability**
- Section 5: **Determination of dimensions, mass and maneuvering-space**
- Section 7: **Method of measurement of seating and wheel dimensions**
- Section 8: **Requirements and test methods for static, impact and fatigue strengths**
- Section 11: **Test dummies**
- Section 13: **Determination of coefficient of friction of test surfaces**
- Section 15: **Requirements for information disclosure, documentation and labeling**
- Section 16: **Resistance to ignition of upholstered parts – Requirements and test methods**
- Section 20: **Determination of the performance of stand-up type wheelchairs**
- Section 22: **Set-up procedures**
- Section 26: **Vocabulary**

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How to Order: Standards are available for purchase through RESNA. Go to **www.resna.org/at-standards**.

The RESNA Standards Committee on Wheelchairs is actively recruiting additional members. If interested, go to **<http://www.resna.org/at-standards>**

RESNA's Assistive Technology Standards are approved for publication as American National Standards by the American National Standards Institute (ANSI), ensuring that the standards development process meets the Institute's essential requirements for openness, balance, consensus and due process.

RESNA, the Rehabilitation Engineering & Assistive Technology Society of North America, is the premier professional membership organization dedicated to promoting the health and well-being of people with disabilities through increasing access to technology solutions.

Find out more at www.resna.org.