

**SRI LANKA STANDARD 1255 : PART 5 : 2003**  
**ISO 7176 – 5 : 1986**

**METHODS OF TEST FOR**  
**NON - FOLDING WHEELCHAIRS**  
**PART 5: DETERMINATION OF OVERALL DIMENSIONS,**  
**MASS AND TURNING SPACE**  
**[WHEELCHAIRS-DETERMINATION OF OVERALL**  
**DIMENSIONS, MASS AND TURNING SPACE]**

**SRI LANKA STANDARDS INSTITUTION**

**METHODS OF TEST FOR  
NON - FOLDING WHEELCHAIRS  
PART 5: DETERMINATION OF OVERALL DIMENSIONS, MASS AND  
TURNING SPACE  
[WHEELCHAIRS-DETERMINATION OF OVERALL DIMENSIONS, MASS  
AND TURNING SPACE]**

**SLS 1255 : Part 5 : 2003  
ISO 7176-5 : 1986**

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**ISO 7176-5 : 1986**

**NATIONAL FOREWORD**

This Sri Lanka Standard was authorized for adoption and publication by the Council of the Sri Lanka Standards Institution on 2003-12-19 after it had been approved by the Sectoral Committee on Materials, Mechanical Systems and Manufacturing Engineering.

This Sri Lanka Standards is identical with ISO 7176-5:1986 “Wheelchairs-Determination of overall dimensions, mass and turning space” published by the International Organization for Standardization (ISO).

This standard is published in eight parts as follows:  
SLS 1255 Methods of test for non-folding wheelchairs

- Part 1 - Determination of static stability
- Part 3 - Determination of effectiveness of breaks
- Part 5 - Determination of overall dimensions, mass and turning space
- Part 7 - Measurement of seating and wheel dimensions
- Part 8 - Requirements and test methods for static, impact and fatigue strengths
- Part 11 - Test dummies
- Part 13 - Determination of coefficient of friction of test surfaces
- Part 22 - Set up procedures

**Terminology and Convention**

The text of this International Standards has been accepted as suitable for publication without deviation, as a Sri Lanka Standard. However, certain terminology and conventions are not identical with those used in Sri Lanka Standards, and hence the attention is drawn to the following:

- i) Wherever the words ‘International Standard’ appear, referring to this standards they should be read as ‘Sri Lanka Standard’.
- ii) The comma has been used throughout as a decimal marker. In Sri Lanka Standards, the current practice is that a full point on the base line is used as the decimal marker.

In reporting the result of a test or an analysis made in accordance with this standard, if the final value, observed or calculated, is to be rounded off, it shall be done in accordance with **CS 102**.

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International Standard



7176/5

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**Wheelchairs —  
Part 5: Determination of overall dimensions, mass and  
turning space**

*Fauteuils roulants — Partie 5: Détermination des dimensions hors tout, de la masse et de l'espace de giration*

**First edition — 1986-03-01**

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**Descriptors :** wheel chairs, tests, determination, dimensions, weight (mass), turning radius.