

**SRI LANKA STANDARD 1255 : PART 1 : 2003**  
**ISO 7176 – 1 : 1999**

**METHODS OF TEST FOR**  
**NON - FOLDING WHEELCHAIRS**  
**PART 1 : DETERMINATION OF STATIC STABILITY**

**SRI LANKA STANDARDS INSTITUTION**

**METHODS OF TEST FOR  
NON - FOLDING WHEELCHAIRS  
PART 1 : DETERMINATION OF STATIC STABILITY  
[ WHEELCHAIRS-DETERMINATION OF STATIC STABILITY ]**

**SLS 1255 : Part 1 : 2003  
ISO 7176-1 : 1999**

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## **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 7176-1:1999” Wheelchairs-Determination of static stability “ 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**.

# INTERNATIONAL STANDARD

# ISO 7176-1

Second edition  
1999-10-01

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## Wheelchairs —

### Part 1: Determination of static stability

*Fauteuils roulants —*

*Partie 1: Détermination de la stabilité statique*



Reference number  
ISO 7176-1:1999(E)

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