

## تقديم

الهيئة العامة للغذاء والدواء جهة مستقلة الغرض الأساسي لها هو القيام بتنظيم ومراقبة الغذاء والدواء والأجهزة والمنتجات الطبية والتشخيصية، ومن مهامها وضع اللوائح لفنية والمواصفات في مجالات الغذاء والدواء والأجهزة والمنتجات الطبية سواء كانت مستوردة أو مصنعة محلياً بواسطة لجان فنية متخصصة، وقد قام قطاع الأجهزة والمنتجات الطبية بالهيئة ضمن برنامج عمل الفريق رقم (SFDA/MDS/TC 173) "فريق عمل مواصفات الأجهزة المساعدة للأشخاص ذوي الاحتياجات الخاصة" بتبني المواصفة الدولية رقم (ISO 7176-7:1998) "قياس أبعاد المقاعد والعجلات"، والتي أصدرتها "المنظمة الدولية للتقييس" وذلك بلغتها الأصلية. وقد اعتمدت هذه المواصفة كمواصفة سعودية متبناة بالمطابقة بلغتها الأصلية وذلك في اجتماع مجلس الإدارة رقم ( ) والذي عقد بتاريخ ( ..../14..هـ ) الموافق ( ..../20..م ).

## Foreword

Saudi Food and Drug Authority (SFDA) is an independent organization with main purpose of regulating and monitoring of foods, drugs and medical devices. One of SFDA functions is to issue national Standards /Technical Regulation in the fields of foods, drugs and medical devices, whether imported or manufactured locally, through specialized technical committees (TCs). SFDA medical devices sector through the work program of technical committee (SFDA/MDS/TC 173) "Assistive products for persons with disability" has adopted the International Standard No. (ISO 7176-7:1998) "Measurement of seating and wheel dimensions", issued by "International Organization for Standardization" in its original language. This standard is identically adopted in its original language and has been approved as national standard by SFDA board of directors in its meeting No ( ) Held on (../14..AH), agreed with (../20..G).

## Scope

This part of ISO 7176 specifies a method for measuring the seating and wheel dimensions of wheelchairs.

It is applicable to wheelchairs and vehicles intended to provide indoor and outdoor mobility at speed up to 15 km/h for people with disabilities whose mass does not exceed 120 kg, including the following classifications from ISO 9999:1992:

- Electric motor-driven wheelchairs with manual steering 12 21 24
- Electric motor-driven wheelchairs with power steering 12 21 27
- Powered attendant-controlled wheelchairs 12 21 21
- Manual attendant-controlled wheelchairs 12 21 03
- Bimanual rear-wheel-driven wheelchairs 12 21 06
- Bimanual front-wheel-driven wheelchairs 12 21 09
- Bimanual lever-driven wheelchairs 12 21 12
- Single-side-driven nonpowered wheelchairs driven by one arm or one leg 12 21 15
- Foot-propelled wheelchairs 12 21 18

It does not apply to wheelchairs with a seat width of less than 212 mm.

This part of ISO 7176 does not specify nominal seating and wheel dimensions for wheelchairs.

NOTE For wheelchairs not covered by the scope, this part of ISO 7176 may still give an indication of where measurements should be made. Observe that for wheelchairs designed for users whose mass is significantly greater than the reference loader gauge (see Annex A) and which have compressible parts such as sprung wheels and/or seats, this measurement procedure may not give the correct seat measurements, as the compressible parts will not be fully compressed.