

ISO/TR 13570-1:2005-04 (E)

Wheelchairs - Part 1: Guidelines for the application of the ISO 7176 series on wheelchairs

Contents		Page
Foreword		iv
1	Scope	1
2	How to use this Technical Report	2
3	Standardized testing and information disclosure	2
3.1	General	2
3.2	Background on tests and standards	2
3.3	Standards increase your buying power	2
3.4	More about International Standards	3
3.5	How chairs are tested	5
3.6	How information is disclosed	5
4	General considerations	6
4.1	Manual versus powered wheelchairs	6
4.2	Rigid versus folding manual wheelchairs	8
4.3	Direct-drive versus belt-drive powered wheelchairs	8
4.4	Cost	9
5	Incorporating personal body characteristics	10
5.1	Body size	10
5.2	Seating	11
5.3	Joint flexibility	19
5.4	Propulsion skill	21
6	Manual wheelchairs	23
6.1	Performance	23
6.2	Safety	31
6.3	Dimensions	36
7	Powered wheelchairs	39
7.1	Performance	39
7.2	Safety	49
7.3	Dimensions	60
Annex A (informative)	Additional information not required for disclosure in the manufacturer's technical product literature	65
Bibliography		68