



EN 12184:2014			
Clause	Requirement - Test	Result - Remark	Verdict
8.1.7.1	Requirements		P
	The wheelchair shall meet or exceed the minimum requirements for static stability specified in Table 1 for the type class of the wheelchair.		P
8.1.8	Maximum speed		P
8.1.8.1	Requirements		P
	The maximum speed of the wheelchair when travelling forwards and travelling in reverse on the horizontal shall not exceed the maximum speed requirements specified in Table 1 for the type class of the wheelchair.		P
8.1.8.2	Test		P
	Test the loaded wheelchair as specified in ISO 7176-6:2001 for the maximum forward speed and maximum reverse speed on a horizontal surface. Record the results and determine whether the requirement has been met.		P
8.1.9	Distance range		P
8.1.9.1	Requirements		P
	The theoretical continuous driving distance range for the wheelchair shall not be less than the requirement specified in Table 1 for the type class of the wheelchair.		P
8.1.9.2	Test		--
	Load the wheelchair as specified in ISO 7176-4:2008, except that the mass of the load shall be the maximum occupant mass or 100 kg, whichever is the lower.		--
8.2	Static, impact and fatigue strength		P
8.2.1	Requirements		P
	The wheelchair shall conform to the requirements of ISO 7176-8:1998 with the exception that wheelchairs of Class A are not required to be tested as specified in ISO 7176-8:1998, 10.5, drop test.		-
	Arm supports shall conform to the static loading requirements of ISO 7176-8:1998 in all intended operating positions.		--
	For wheelchairs with a maximum occupant mass greater than 75 kg but not greater than 100 kg, the maximum upward force to be applied to each single push handle shall be (880 ± 26) N.		--



EN 12184:2014			
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	NOTE This is a correction of an erroneous value stated in Table 8 of ISO 7176-8:1998.		NA
	Where the manufacturer specifies a maximum occupant mass greater than 100 kg the forces specified in Table 3 shall apply.		NA
8.2.2	Test		--
	Test the wheelchair in accordance with ISO 7176-8:1998 with modifications as specified in 8.2.1.		--
8.3	Wheelchairs for use as seats in motor vehicles		P
	If the manufacturer specifies that the intended use of the wheelchair includes use as a seat in a motor vehicle by an occupant of mass 22 kg or greater, the wheelchair shall conform to the performance requirements of ISO 7176-19:2008 with the following modifications.		P
4.1.2	by the following:		P
	If a wheelchair is intended by the manufacturer to also be secured by a docking securement device in public transportation and/or different private vehicles, the securement points on the wheelchair and/or of the wheelchair tiedown adaptors shall conform to the performance requirements in Clause 5.		P
5.2.1 a)	If the wheelchair has a head restraint, the horizontal excursions of the ATD and the wheelchair, with respect to the impact sled, shall not exceed the limits in Table 7 at any time during the test.		P
	If the wheelchair does not have a head restraint, the horizontal excursions of the ATD and the wheelchair, with respect to the impact sled, shall not exceed the limits in Table 7 at any time during the test with the exception that the excursion of the back of the head of the ATD, X head, R , shall not be measured.		P
	Primary occupant-load-carrying components of the wheelchair shall not show visible signs of failure, unless there is a backup system to provide support.		P
8.4	Climatic performance	Considered	P
	The wheelchair shall conform to the requirements of ISO 7176-9:2009. NOTE This requirement includes the one stated in ISO 7176-14:2008, 13.1. It is not necessary to duplicate the test.		P
9	Component properties		P



EN 12184:201			
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	m) instructions on dismantling and re-assembly of the wheelchair or any removable parts;		P
	n) instructions regarding transport of the wheelchair when it is unoccupied (e.g. in a car or aeroplane);		P
	o) the masses of parts of the wheelchair that are expected to be handled during dismantling, reassembly, or carrying;		P
	p) the positions of points where the component parts can be gripped for safe moving and handling and/or a method for handling during dismantling, assembly or carrying;		P
	q) if the manufacturer specifies that the wheelchair is intended for use as a seat in a motor vehicle, the method of attaching wheelchair tiedown and occupant restraints, and recommendations about suitable tiedown and restraint systems;		P
	r) if the manufacturer specifies that the wheelchair is not intended for use in the motor vehicle, a warning to that effect, together with the symbol shown in Figure 7;		P
	s) instructions on how to obtain and fit the optional anterior pelvic support (see 9.4) if it is not supplied with the wheelchair;		P
	t) the positions of points intended to carry additional loads;		P
	u) instructions for preparing the wheelchair for long-term storage (e.g. longer than four months) and for preparing it for use afterward;		P
	v) a warning that the wheelchair might disturb the operation of devices in its environment that emit electromagnetic fields (e.g. alarm systems of shops, automatic doors, etc.);		P
	w) a warning that the driving performance of the wheelchair can be influenced by electromagnetic fields (e.g. those emitted by portable telephones, electricity generators or high power sources);		P
	x) a warning that the stopping distance on slopes can be significantly greater than on level ground;		P
	y) a warning that surface temperatures can increase when exposed to external sources of heat (e.g. sunlight);		P
	z) a warning for trapping hazards (e.g. pinch points);		P



EN 12184:2014			
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	aa) a warning if driving characteristics can be adjusted outside the limits specified in Table 1 and Table 2;		P
	bb) a warning if the adjustments of seating or wheel positions can be set outside safe limits;		P
	cc) if the overall width or overall length of the wheelchair when it is ready for use exceed the applicable values recommended in A.1.1, a warning concerning access to emergency escape routes;		P
	dd) the level of resistance to ignition of materials and assemblies;		P
	ee) information on the recycling of used batteries and of the wheelchair;		P
	ff) if the characteristics of the wheelchair (including occupant as applicable) exceed the limits specified in Annex M of the Technical Specification for Interoperability relating to Accessibility for Persons with Reduced Mobility (PRM-TSI), a statement to that effect (see Annex D);		P
	gg) information on how to find out about product safety notices and product recalls, for example by ensuring the supplier has up-to-date contact information;		P
	hh) the expected service life of the wheelchair;		P
	ii) the name and address of the manufacturer;		P
	jj) the name and address of the authorised representative, where the manufacturer does not have a registered place of business in the European Union.		P
13.4	Service information		P
	The service information shall contain all the pre-sale information, user information and instructions necessary for the maintenance, adjustment and repair of the wheelchair and for the replacement of parts.		P
13.5	Labelling		P
	<p>In addition to the requirements of 13.1, the manufacturer shall apply permanent labelling for the following:</p> <p>a) devices for disengagement of the drive system, showing engaged and disengaged positions, including a warning that the drive system should be re-engaged before an occupant is left unattended or attempts to operate the wheelchair;</p>		P



EN 12184:2014			
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	b) for wheelchairs where the intended use includes use as a seat in a motor vehicle, the position of attachment points for wheelchair tie-down and occupant restraint systems (WTORS);		P
	c) for wheelchairs not intended to be used as a seat in a motor vehicle, a warning to that effect, including the symbol shown in Figure 7 with a diameter not less than 15 mm, in the same location as the labelling required by ISO 7176-15:1996;		P
	d) for battery chargers that are not on-board chargers, information and connection details specified in Clause 9 of ISO 7176-14:1997;		P
	e) for Class A wheelchairs not intended for use outdoors, a warning to that effect.		P

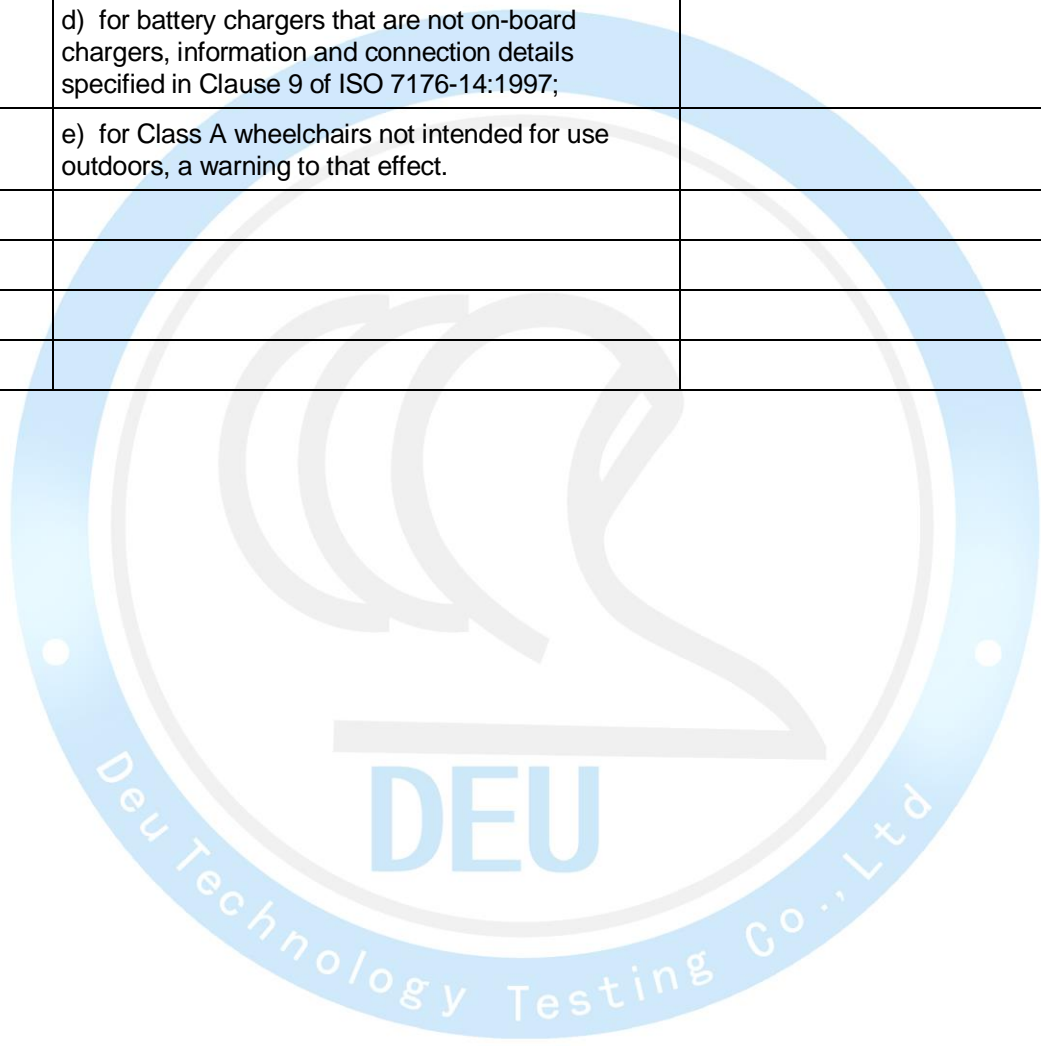




Photo Documentation

PHOTO 1



PHOTO 2





PHOTO 3



***** End of Report *****

