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## Crash testing of the TA iQ RWD 97060, rear wheel drive wheelchair according to ISO 7176-19:2008 (2 appendices)

### Summary

A crash test of the TA iQ RWD 97060, rear wheel drive wheelchair has been performed according to ISO 7176-19:2008, chapter 5.2. The wheelchair was crash tested loaded with a Hybrid III-dummy, 102 kg, in 49.2 km/h.

Standard chapter		Comment	Fulfilment of requirement
5.2.1a	Horizontal excursion		Yes
5.2.1b	Knee vs. WC excursion		Yes
5.2.1c	Battery movement		Yes
5.2.2a	ATD torso angle <45°		Yes
5.2.2b	Securement points		Yes
5.2.2c	Separation of <100 grams		Yes
5.2.2d	Sharp edges radius > 2 mm		Yes
5.2.2e	Load carrying components		Yes
5.2.2f	Tilt-in space locking		Yes
5.2.2g	Removal of ATD, no tools		Yes
5.2.2h	WC removal, no tools		Yes
5.2.2i	Post height diff < 20%	< 6 %	Yes
5.2.2j	No webbing failure		Yes

The test object fulfilled the requirements according to ISO 7176-19:2008, chapter 5.2.

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