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## Crash testing of wheelchair XLT 90° according to ISO 7176-19:2001

(2 appendices)

### Summary

A crash test of the XLT 90° wheelchair has been performed according to ISO 7176-19:2001, chapter 5.2. The wheelchair was crash tested with a Hybrid III-dummy, 76 kg, in 48-50 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		N/A
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		N/A
5.2.2g	Removal of ATD, no tools		Yes
5.2.2h	WC removal, no tools		Yes
5.2.2i	Post height > 20%		Yes

The test object fulfilled the requirements according to ISO 7176-19:2001, chapter 5.2.

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