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Report 09.25849-1

Inspection report relating to the crash safety of a seating systems of 7 different types with 4 Mounting kits versions according to ISO 7176-19, with mark: Eureva, type: Nuage Classic

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Date 19 March 2010
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Research period Week 52 – 2009 and week 1 – 2010
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Project name Crash safety of 7 seating systems
Project number T09.25849

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Abstract

Four different mounting kit versions from the seating system type Nuage Classic, designed for wheelchairs, have been tested according to the international standard ISO 7176-19 [1]. Trade mark: Eureva BV, type: Nuage Classic, Nuage Actif, Nuage xS¹⁾, versions: -.

The Nuage Classic, Nuage Actif and the Nuage xS are nearly the same, only the sizes are different. Because the Nuage Classic has the most large sizes, the Nuage Classic has been used during the crash test.

The tests have been performed in order to judge whether or not the products meet the requirements of the above-mentioned standard. The conclusion is that the above-mentioned products shows compliance with the applicable requirements of this standard.

The Nuage Classic seating system is connected with respect to four different versions of mounting kits. These mounting kits were used during the crash safety test and usable as follows:

- as version I, for wheelchair frame such as Revab Canto Nxt and Permobil;
- as version II, for wheelchair frame such as Ligtvoet Products Legio;
- as version III, for wheelchair frame such as Handicare Ibis series and Permobil;
- as version II, for wheelchair frame such as Handicare Base One / Kontiki and Permobil.

See Appendig G for more information

Auszug

Vier verschiedene „Mounting kits“ von vier verschiedene Sitze, entworfen für Rollstühle, wurden geprüft gemäß der Norm ISO 7176-19 [1]. Warenzeichen: Eureva BV, Typ: Nuage Classic, Nuage Actif, Nuage xS¹⁾. Fassung: -.

Die Tests wurden durchgeführt um herauszufinden, ob der Rollstuhl den entsprechenden Anforderungen der oben genannten Norm entspricht. Die Tests haben gezeigt, dass das Produkt diese Anforderungen erfüllt.

1) tested type Nuage Xs exist of :

Nuage xS – LM: Long with feet support;

Nuage xS – LZ: Long without feet support;

Nuage xS – KM: Short with feet support;

Nuage xS – KZ: Short without feet support.

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1 Introduction

1.1 Purpose

The tests have been performed in order to establish whether or not the products meet the applicable requirements of ISO 7176-19 [1].

1.2 Description of samples

Table 1

General	
Manufacturer	Eureva BV
Trademark	Eureva BV

Table 2

Sample number	Type	Mounting Bracket
S095202	Nuage Classic	Type I
S095203	Nuage Classic	Type II
S095204	Nuage Classic	Type III
S095205	Nuage Classic	Type IV

For a more detailed description of the product is referred to Appendix A.

The samples were submitted on Week 52 -2009.
The submitted samples were test worthy.

1.3 Sampling procedure

The samples have been submitted by the manufacturer.
The test house has had no influence on the selection of the samples.

1.4 Application

The request for testing was submitted by Eureva BV.
Order number: 25849.

1.5 Method of testing

All applicable tests have been performed according to ISO 7176-19 [1].

1.6 Put out to contract

The crash simulation safety test was conducted by TÜV Rheinland TNO Automotive International, Helmond, The Netherlands.

2 Test Results

Table 3

Requirement	Description	Pass/Fail/N.a.
4	Design requirements	
4.1	Wheelchair secure	Pass 1)
4.2	Wheelchair-anchored occupant belt restraints	N.a.
5	Performance requirements	
5.1	Wheelchair-anchored occupant belt restraints	N.a.
5.2	Frontal impact	pass 1)
5.3	Accessibility of secure points intended for use with four-point strap-type tiedowns	Pass 1)
6	Identification, labelling, user instructions, warning and disclosure requirements	
6.1	Identification and labelling	Pass 1)
6.2	Presale literature	Pass 1)
6.3	User and maintenance instructions	pass 1)

N.a. = Not applicable

1) see page 2

For detailed test results is referred to Appendix C.

3 Conclusion

The seating system exist of four different types designed for different wheelchairs, trade mark: Eureka BV, type: Nuage Classic, Nuage Actif, Nuage xS ¹⁾, version: -, shows compliance with the applicable requirements as stated in ISO 7176-19 [1].

The test results exclusively relate to the inspected object.

4 References

- 1 ISO 7176-19:2009,
Wheelchairs-Part 19: Wheeled mobility devices for use in motor vehicles
(ISO 7176-19:2008,IDT).
International Organization for Standardization, Geneva, 2008.

5 Signature

Signatures

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