

Deutsche Akkreditierungsstelle GmbH

Annex to the Accreditation Certificate D-PL-20298-01-00 according to DIN EN ISO/IEC 17025:2018

Valid from: 02.09.2021

Date of issue: 02.09.2021

Holder of certificate:

Yanfeng International Automotive Technology Europe S.a.r.l. & Co. KG
Jagenbergstraße 1, 41468 Neuss

Tests in the fields:

Dynamic tests on passive vehicle safety on interior components and seats (airbag inflation behaviour under climatic conditions)

Within the given testing field marked with *, the testing laboratory is permitted, without being required to inform and obtain prior approval from DAkkS, the free choice of standard or equivalent testing methods.

The listed testing methods are exemplary. The testing laboratory maintains a current list of all testing methods within the flexible scope of accreditation.

The management system requirements of DIN EN ISO/IEC 17025 are written in the language relevant to the operations of testing laboratories. Laboratories that conform to the requirements of this standard, operate generally in accordance with the principles of DIN EN ISO 9001.

The certificate together with the annex reflects the status as indicated by the date of issue.

The current status of any given scope of accreditation can be found in the directory of accredited bodies maintained by Deutsche Akkreditierungsstelle GmbH at <https://www.dakks.de/en/content/accredited-bodies-dakks>.

Abbreviations used: see last page

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This document is a translation. The definitive version is the original German annex to the accreditation certificate.

Annex to the accreditation certificate D-PL-20298-01-00

Airbag inflation behaviour under climatic conditions

VW PV 3545 * 2006-09	Serial testing of airbag systems
PSA 01438_10_00196 * 2008-04	Testing procedure for the airbag deployment (generic method)
GMW3112 * 2012-12	Verification of Requirements for Frontal Airbag Modules
NE-SM-WI-G11-13-E 2018-04	Product Validation - Airbag Deployment Test Work Instruction

The tests can be carried out in the following parameter ranges:

Test Type	Measured variable/ Test parameter	Measuring and testing range	Measurement uncertainty ¹⁾ (k=2)	Characteristic Test methods
Deployment test	Time (Frame rate)	0,2 to 100 ms	+/- 0,0002 ms	VW PV 3545; PSA 01438_10_00196; GMW3112
	Weight	0,001 to 200 g	+/- 0,005 g	
	Distance	0,5 to 800 mm	+/- 0,5 mm	
	Temperature	-35°C to +85°C	+/- 1,5 K	

¹⁾ smallest achievable measurement uncertainty with which the respective quantities can be applied in the best possible way

Abbreviations used:

GMV	Test standards from General Motors
NE...	In-house procedure of Yanfeng Europe Automotive Interior Systems Management S.a.r.l. & Co. KG
PSA	Test standards from PSA Group, Peugeot
VW	Test standards from Volkswagen Group