

Deutsche Akkreditierungsstelle

Annex to the Accreditation Certificate D-PL-18446-01-01 according to DIN EN ISO/IEC 17025:2018

Valid from: 24.06.2026

Date of issue: 24.06.2026

This annex is part of the Accreditation Certificate D-PL-18446-01-00.

Holder of the Accreditation Certificate:

**Humanetics Europe GmbH
Im Breitspiel 6a, 69126 Heidelberg**

with the locations

**Humanetics Europe GmbH
Knorrstraße 147, EG-351 Messtechnik, 80788 München**

**Humanetics Europe GmbH
Im Breitspiel 6a, 69126 Heidelberg**

The testing laboratory meets the requirements of DIN EN ISO/IEC 17025:2018 to carry out the conformity assessment activities listed in this annex. The testing laboratory meets additional legal and normative requirements, if applicable, including those in relevant sectoral schemes, provided that these are explicitly confirmed below.

The management system requirements of DIN EN ISO/IEC 17025 are written in the language relevant to the operations of testing laboratories and they conform to the principles of DIN EN ISO 9001.

Tests in the fields:

Testing of Crash Test Dummies (ATD), used for passive vehicle safety dynamic testing

*This annex to the certificate was issued by the Deutsche Akkreditierungsstelle GmbH (DAKKS) and is digitally sealed.
This annex to the certificate is only valid together with the written accreditation certificate and reflects the status as indicated by the date of issue. The current status of any valid and surveyed accreditation can be found in the directory of accredited bodies maintained by Deutsche Akkreditierungsstelle GmbH (www.dakks.de).*

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The testing laboratory is permitted to use standardised or equivalent test methods listed here with different issue dates without being required to prior inform and obtain approval from DAkkS (flexibilization according to category A).

The testing laboratory has an up-to-date list of all test methods within the flexible scope of accreditation. The list is publicly available on the website of the testing laboratory.

The listed exams are marked as follows with reference to the locations:

location München: M

location Heidelberg: H

Hybrid III Family

49 CFR Part 572 Subpart R 2001-10	CRABI 12 Month (CRABI 12-Month-Old Infant, Alpha Version) 572.152 - Head drop front 572.152 - Head drop rear 572.153 - Neck pendulum flexion and extension 572.154 - Thorax impact	M, H
49 CFR Part 572 Subpart P 2002-01	HIIL 3 Year Dummy (3-Year-old Child Crash Test Dummy, Alpha Version) 572.142 - Head drop 572.143 - Neck pendulum flexion and extension 572.144 - Thorax impact 572.145 - Torso flexion	M, H
49 CFR Part 572 Subpart N 2011-06	HIIL 6 Year Dummy (Six-Year-old Child Test Dummy, Beta Version) 572.122 - Head drop 572.123 - Neck pendulum flexion and extension 572.124 - Thorax impact 572.125 - Torso flexion 572.126 - Knee impact (left and right)	M, H
49 CFR Part 572 Subpart S 12-2010	HIIL Six-Year-Old Weighted Child Test Dummy 572.162 –Head drop 572.163 - Neck pendulum flexion and extension 572.164 - Thorax impact 572.165 –Torso flexion 572.166 - Knee impact (left and right)	H

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49 CFR Part 572 Subpart T 02-2012	Hybrid III 10-Year-old Child Test Dummy, HIII-10C 572.172 - Head drop 572.173 - Neck pendulum flexion and extension 572.174 - Thorax impact 572.175 - Torso flexion 572.176 - Knee impact (left and right)	H
SAE J2706 2013-06	Hybrid III Six-Year-Old Child Dummy User's Manual 8.1 - Head drop 8.2 - Neck pendulum flexion and extension 8.3 - Thorax impact	H
SAE J2854 2017-11	User's Guide for the Six Month Old Infant Dummy (CRABI) 4.1 - Headdrop test (Front and Rear) 4.2 - Neck test (Flexion and Extension)	H
SAE J2857 2011-03	Hybrid III 3-Year Old Child Dummy User's Manual 9.1 - Head drop 9.2 - Neck pendulum flexion and extension 9.3 - Thorax impact 9.4 – sternum deflection	H
SAE J2858 2017-10	Hybrid III Ten-Year-Old Child Dummy User's Manual 5.1 - Head drop 5.2 - Neck pendulum flexion and extension 5.3 – Thorax impact	H
921022-9900 2015-07	User manual CRABI 12 and 18 month Old 4.1 - Headdrop test (Front and Rear) 4.2 - Neck pendulum flexion and extension 4.3 - Thorax impact	H
Hybrid III 5th Percentile Female		
49 CFR Part 572 Subpart O 2002-09	HIII 5th (Hybrid III 5th Percentile Female Test Dummy, Alpha Version) 572.132 - Head drop 572.133 - Neck pendulum flexion and extension 572.134 - Thorax impact 572.135 - Torso flexion 572.136 - Knee impact (left and right)	M, H

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SAE J2862 02-2015	User's Manual for the Small Adult Female Hybrid III Test Dummy 8.1 - Head drop 8.2 - Neck pendulum flexion and extension 8.3 - Thorax impact 8.4 - Knee impact (left and right) 8.5 - Knee-Slider (left and right)	H
SAE Engineering AID 25 1999-07 SAE J2876 2010-01	User's Manual for the Small Adult Female Hybrid III Test Dummy (Knee Slider Test)	M
SAE Engineering AID 25 1999-07	HIII 5th (User's Manual for the Small Adult Female Hybrid III Test Dummy) Sliding-Knee Test (left and right) Hip range of motion (left and right)	H
SAE J2878 2010-01	Low Speed Thorax Impact Test Procedure for the HIII 5F Dummy (3 m/s Thorax impact)	M, H
EuroNCAP TB CP103 Version 1.1 07-2025	Hybrid III 5th Specification and Certification	H

Hybrid III 50th Percentile Male

49 CFR Part 572 Subpart E 2011-11	HIII 50th Male Dummy 572.32 - Head drop 572.33 - Neck pendulum flexion and extension 572.34 - Thorax impact 572.35 - Knee impact (left and right) 572.35 - Hip range of motion	M, H
SAE J2779 2015-07	Low Speed Thorax Impact Test Procedure for the HIII 50th Male Dummy (3 m/s Thorax Impact)	M, H
SAE Engineering AID 23 1998-06; SAE J2856 2009-09	User's Manual for the 50th percentile male hybrid III test dummy Section II - Knee Slider Test	M, H
SAE J2876 07-2022	Low Speed Knee Slider Test Procedure for the Hybrid III 50th Male Dummy - Sliding-Knee Test slow	H
SAE J3074 02-2017	HIII 50th (Lumbar Flexion Test Procedure for the Hybrid III 50th Male Dummy) LWS Beugetest	H
UN-R 94 Annex 10 ÄS 02 2013-07	Certification procedure for the dummy lower leg and foot (Foot Impact)	M

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UN R-94 Annex 10 2022-12	Uniform provisions concerning the approval of vehicles with regard to the protection of the occupants in the event of a frontal collision	H
	Foot tap test ball of the foot	
	Foot tap test heel	
	Foot tap test heel with shoe (left and right)	
EuroNCAP TB CP104 Version 1.1 07-2025	Hybrid III 50th Specification and Certification	H
Hybrid III 95th Percentile Male		
SAE J2860 2012-09	User's Manual for the Hybrid III Large Male Test Dummy	M, H
	4.1 - Head drop	
	4.2 - Neck pendulum flexion and extension	
	4.3 - Thorax impact	
	4.4 - Knee impact (left and right)	
	4.5 - Sliding-Knee Test (left and right)	
SAE Engineering AID 26 2012-09	5.5 – Torso flexion test	
	HIII 95th	M
	4.1 - Head drop	
	4.2 - Neck pendulum flexion and extension	
	4.3 - Thorax impact	
	4.4 - Knee impact (left and right)	
EuroNCAP TB CP105 Version 1.1 07-2025	4.5 - Knee impact (left and right)	
	Hybrid III 95th Specification and Certification	H

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Hybrid II 50th Percentile Male & FAA

49 CFR Part 572 Subpart B 04-2004	HII 50th (50th Percentile Male) 572.6 - Head drop 572.7 - Neck pendulum flexion and extension 572.8 - Thorax impact 572.8 - Thorax impact slow 572.9 - Torso flexion 572.9 – Abdomen impact 572.10 - Knee impact (left and right)	H
78051-9904 H3 50th FAA user manual 08-2021	Hybrid III 50th Male FAA Dummy User Manual 3.3 - Head drop 3.4 - Neck pendulum flexion and extension 3.5 - Thorax impact 3.6 – Knee impact (left and right) 3.7 - Sliding-Knee Test (left and right)) 3.8 - Torso flexion 3.9 - Abdomen impact	H

THOR Family

THOR 5th Percentile Female

474-9901 THOR-5F Qualification Manual [Rev. 3; SBL-B+] 03-2024	Qualification Manual THOR-5TH Female 2 bis 2.1 - Head impact 3 bis 3.1 - Face impact 4 bis 4.2 - Neck pendulum test bending 4.3 - Neck pendulum test extension 4.4 - Neck pendulum test lateral R+L 4.5 - Neck torsion R+L 5 bis 5.1 - Upper thorax test 5.2 - Lower thorax test (left and right) 6 bis 6.1 - Abdomen 7 bis 7.1 - Upper Leg low and high Speed (left and right) 7.2 - Sliding-Knee Test (left and right) 8 bis 8.4 - Achillis (left and right) 8.5 - Ankle joint test inversion-eversion (left and right) 8.6 - Foot tap test ball of the foot (left and right) 8.7 - Foot tap test heel (left and right)	H
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482-9900 THOR-AV-5F User Manual Rev.A 08-2022	User Manual THOR-AV 5F 4.5 – Head and Face 5.5 - Neck Pendulum Tests 9.5 - Thorax Pendulum Tests 10.6 - Pelvis Tests 11.5 - Leg Tests	H
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THOR 50th Percentile Male

THOR Qualification Procedures 2016-08	THOR-M-50th (THOR 50th Percentile Male Qualification Procedures Manual) 4 - Head impact 5 - Face impact 6.6 - Neck pendulum (torsion) 6.7 - Neck pendulum flexion 6.8 - Neck pendulum extension 6.9 - Neck pendulum (torsion left + right) 7 - Upper thorax impact 8 - Lower thorax impact 9 - Abdomen impact 10 - Knee impact (left + right) 11 - Knee slider impact (left+ right) 12 - Ankle eversion 13 - Ball of foot impact 14 - Heel impac	M
THOR Qualification Procedures Manual (NHTSA) 04-2023	(THOR 50th Percentile Male (THOR-50M) Qualification Procedures and Requirements 4 - Head impact 5 - Face impact 6.7 - Neck pendulum (torsion)R+L 6.8 - Neck pendulum flexion 6.9 - Neck pendulum extension 6.10 - Neck pendulum lateral R+L 7 - Upper thorax impact 8 - Lower thorax impact 9 - Abdomen impact 10 - Upper Leg (left + right) 11 - Sliding-Knee Test (left + right) 11 - Knee slider impact (left+ right) 12 - Ankle eversion (left + right) 13 - Ball of foot impact 14 - Heel impact ((left + right)	H

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THOR-50M EuroNCAP TB 026, Version 1.3 02-2023	THOR Specification and Certification 2.1.1 – Head impact 2.2.2 – Neck pendulum 2.1.3 - Upper Thorax 2.1.4 - Lower Thorax 2.1.5 – Abdomen impact 2.1.6 – Upper Leg Test (left + right)	H
EuroNCAP TB CP-106 Version 2.1 07-2025	THOR 50th Specification and Certification	H
478-9900 THOR-AV 50M User Manual Rev.A 07-2023	THOR-AV 50M USER MANUAL 4.5 – Head and Face 5.5 - Neck Pendulum Tests 9.5 - Thorax Pendulum Tests 10.6 - Pelvis Tests 11.7 - Leg Tests	H
THOR-H3 Beine SAE J2876 07-2022	Low Speed Knee Slider Test Procedure for the Hybrid III 50th Male Dummy Sliding-Knee Test slow (left and right)	H
SAE J2856 09-2009	HIII 50th (User's Manual for the 50th Percentile Male Hybrid III Dummy) Sliding-Knee Test (left and right)	H
THOR-H3 Beine UN R-94 Anhang 10 12-2022	Uniform provisions concerning the approval of vehicles with regard to the protection of the occupants in the event of a frontal collision Ball of foot impact Heel of foot impact Heel impact with shoe (left and right))	H

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Seitenschutz Dummies

EuroSID 2

UN-R 95 Annex 6 ÄS 03 2014-02	ES-2 50th Male Side Impact 5.5 - Face impact 5.6 - Neck pendulum 5.7 - Shoulder impact 5.9 - Rip drop (3 tests) 5.10 - Lumbar flexion 5.11 - Abdomen impact 5.12 - Pelvis impact	M, H
49 CFR Part 572 Subpart U 2011-11	ES-2re Side Impact Crash Test Dummy, 50th Percentile Adult Male 572.182 - Head drop 572.183 - Neck pendulum 572.184 - Shoulder impact 572.185 - Rib drop (3 tests) 572.185 - Thorax without arm impact 572.186 - Abdomen impact 572.187 - Lumbar flexion 572.188 - Pelvis impact	M, H

SID-IIs

49 CFR Part 572 Subpart V 2009-08	SID IIs BLD (SID-IIsD Side Impact Crash Test Dummy, Small Adult Female) 572.192 - Head drop 572.193 - Neck pendulum (flexion and extension) 572.194 - Shoulder impact (on certification bench) 572.195 - Thorax impact with arm (on certification bench) 572.196 - Thorax impact without arm (on certification bench) 572.197 - Abdomen impact (on certification bench) 572.198 - Pelvis impact (on certification bench) 572.199 - Iliac impact (without certification bench)	M, H
180-9900 User Manual SID-IIs (SBL D) Rev H 07-2015	User Manual SID-IIs Small Side Impact Dummy (SBL D) 3.1 & 3.2 - Head drop 3.3 & 3.7 - Neck pendulum 3.9 - Thorax impact with arm 3.10 - Thorax impact without arm 3.11 - Abdomen impact (on certification bench) 3.12 - Pelvis impact 3.12 - Shoulder impact	H

DOT-SID

49 CFR Part 572 Subpart F	Side impact dummy 50th percentile male	H
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10-1990 572.42 – Thorax impact
572.43 – Pelvis impact

SID-H3

49 CFR Part 572 Subpart M Side impact Hybrid Dummy (50th Percentile Male) H
08-1998

572.112 - Head drop
572.113 - Neck pendulum (side)
572.114 - Thorax impact

WorldSID

WorldSID 5th

W5-9900 User Manual WorldSID 5th (User's Manual for the WorldSID 5th Small Adult H
Rev E Female Side Impact Dummy)
08-2015 9.1 - Head drop (frontal und lateral)
9.2 - Neck pendulum
9.3 - Shoulder impact
9.4 - Thorax impact with arm
9.5 - Thorax impact without arm
9.6 - Abdomen impact
9.7 - Pelvis impact

WorldSID 50th

ISO15830-2 ROAD vehicles - Design and performance specifications for the H
12-2022 WorldSID 50th Percentile Male Side Impact Dummy)
5.1 - Head drop (frontal und lateral)
5.2 - Neck pendulum
5.3.2 - Shoulder impact
5.3.3 - Thoraxtest
5.3.4 - Abdomentest
5.3.5 - Pelvis impact

W50-9900 User Manual WorldSID 50th User Manual H
Rev. K 8.4 - Head drop (frontal und lateral)
02-2018 8.5 - Neck pendulum
8.7 - Shoulder impact
8.8 - Thorax impact without arm
8.9 - Abdomentest
8.10 – Pelvis impact

W50-9900 User Manual WorldSID 50th (User's Manual for the Worldsid 50th percentile M
Rev. H Male Side Impact Dummy)
2016-01 8.4 - Head drop
8.5 - Neck pendulum t

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EuroNCAP TB CP202 Version 1.1 07-2025	8.7 – Shoulder impact	WorldSID 50th Specification and Certification	H
	8.8 - Thorax impact without arm		
	8.9 - Abdomentest		
	8.10 - Pelvis impact		
WorldSID-50M Qualification Procedure (NHTSA) 01-2024	WorldSID 50th Percentile Male (WorldSID-50M) Qualification Procedures and Requirements 5 - Head drop (frontal und lateral) 6 - Neck pendulum test lateral 7 - Neck torsion 8 - Full-body tests		H
P-Dummies			
UN-R 44 Anhang 8 11-2010	Regulation No 44 of the Economic Commission for Europe of the United Nations (UN/ECE) — Uniform provisions concerning the approval of restraining devices for child occupants of power-driven vehicles ('child restraint systems') Annex 8 Description of manikins for children aged 9 months and 3, 6 and 10 years		H
49 CFR Part 572 Subpart J 04-2004	9-Month Old Child 572.85 - LWS-Test 572.86 - Torso Test		H
Q-Dummies (Children (Q))			
047-9900 User Manual Q0 Rev. F 07-2017	Q 0 year (6week old, Newborn) User Manual 5.3 - Head drop (frontal und lateral) 5.4 - Neck pendulum test (bending, extension and lateral) 5.5 - Lumbar spine test (bending, extension and lateral)		H
036-9900 User Manual Q1 Rev. J 09-2022	Q 1 year (Advanced 1 year old child) User Manual 8.1 - Head drop (frontal und lateral) 8.2 - Neck pendulum test (frontal und lateral) 8.3 - Lumbar spine test (frontal und lateral) 8.4 - Abdomentest 8.5 - Thorax impact (frontal und lateral)		H
048-9900 User Manual Q1.5 Rev. G 2015-07	Q 1,5 year (Advanced 1.5 year old child User Manual) 8.1 - Head drop 8.2 - Neck flexion 8.3 - Lumbar flexion		M

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048-9900 User Manual Q1.5 Rev. J 06-2024	8.4 - Abdomen impact	H
	8.5 - Thorax impact frontal und lateral	
	Q 1,5 year (Advanced 1.5 year old child) User Manual	
	8.1 - Head drop	
	8.2 - Neck flexion	
	8.3 - Lumbar flexion	
020-9905 User Manual Q3 Rev. G 2016-10	8.4 - Abdomen impact	M
	8.5 - Thorax impact (frontal und lateral)	
	Q 3 year (Advanced 3 year old child User Manual	
	8.1 - Head drop	
	8.2 - Neck flexion	
	8.3 - Lumbar flexion	
020-9905 User Manual Q3 Rev. H 10-2022	8.4 - Abdomen impact	H
	8.5 - Thorax impact	
	Q 3 year (Advanced 3 year old child) User Manual	
	8.1 - Head drop	
	8.2 - Neck flexion	
	8.3 - Lumbar flexion	
49 CFR Part 572 Subpart W 11-2021	8.4 - Abdomen impact	H
	8.5 - Thorax impact (frontal und lateral)	
	Q3s 3-Year-Old Child Test Dummy	
	572.212 - Head drop (frontal und lateral)	
	572.213 - Neck test (frontal, lateral und torsion)	
	572.214 - Shoulder test	
	572.215 - Thorax test (with arm)	
	572.216 - Thorax test (without arm)	
020-9900 User Manual Q3s Rev L 08-2023	572.217 - Lumbar spine test (frontal and lateral)	H
	572.218 – Pelvis test	
	Q3S 3YEAR OLD CHILD ADAPTED FOR SIDE IMPACT	
	14.1 - Head drop (frontal und lateral)	
	14.2 - Neck test (frontal, lateral und torsion)	
	14.3 - Lumbar spine test (frontal and lateral)	
	14.4 - Shoulder test	
	14.5 - Thorax test (with and without arm)	
	14.6 - Abdomentest	
	14.7 - Pelvis test	

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033-9900 User Manual Q6 Rev. M 2016-11	Q 6 year (Advanced 6 year old child User Manual 8.1 - Head drop 8.2 - Neck flexion 8.3 - Lumbar flexion 8.4 - Abdomen impact 8.5 - Thorax impact	M
033-9900 User Manual Q6 Rev. N 10-2022	Q 6 (Advanced 6 year old child) User Manual 8.1 - Head drop (frontal und lateral) 8.2 - Neck flexion (frontal und lateral) 8.3 - Lumbar flexion (frontal und lateral) 8.4 - Abdomen impact 8.5 - Thorax impact (frontal und lateral)	H
EuroNCAP TB CP009 Version 1.1 07-2025	Q6 and Q10 Dummy Specification and Certification	H
010-9900 User Manual Q 10 Rev. G 2016-02	Q 10 year (10.5 year old child User Manual 14.1 - 14.3 - Head drop 14.4 - 14.7 - Neck flexion 14.8 - 14.10 - Lumbar flexion 14.11 - 14.13 - Thorax impact 14.14 - Shoulder impact frontal 14.15 - Pelvis impact 14.16 - Abdomen impact 14.17 - Shoulder impact lateral	M
010-9900 User Manual Q10 Rev. H 12-2022	Q 10 Jahre (10.5 year old child) User Manual 13.1 bis 13.3 - Head drop test (frontal und lateral) 13.4 bis 13.7 - Neck test (bending, extension and lateral) 13.8 bis 13.10 - Lumbar spine test (frontal and lateral) 13.11 bis 13.13 - Thorax test (frontal und lateral) 13.14 - Shoulder test (full-arm for frontal-impact dummy) 13.15 - Pelvis test 13.16 - Abdomentest 13.17 - Shoulder test (half-arm for side-impact dummy)	H
012-9900 User Manual Q10 Rev. D 11-2024	Q10 2020 10.5 YEAR OLD CHILD 01200 USER MANUAL [Rev. D] 15.1 to 15.3.3 - Head drop test (frontal and lateral) 15.4 to 15.7.4 - Neck test (bending, extension and lateral) 15.8 to 15.10.4 - Lumbar spine test (frontal and lateral) 15.11 to 15.13.4 - Thorax test (frontal and lateral) 15.14 to 15.14.4 - Pelvis test 15.15 to 15.15.5 - Abdomentest 15.16 to 15.16.4 - Shoulder test (half-arm for side-impact dummy)	H

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015-9900 Q10 2026 User Manual Rev. A 05-2025	Q10 2026 10.5 YEAR OLD CHILD 01200 USER MANUAL [Rev. A] 15.1 to 15.3.3 - Head drop test (frontal und lateral) 15.4 to 15.7.4 - Neck test (bending, extension and lateral) 15.8 to 15.11.4 - - Lumbar spine test (frontal, lateral and torsion) 15.12 to 15.14.4 - Thorax test (frontal and lateral) 15.15 to 15.15.4 - Pelvis test 15.16 to 15.16.3 - Abdomentest 15.17 to 15.17.5 - Abdomen Dynamic Test 15.18 to 15.18.4 - Shoulder test (half-arm for side-impact dummy)	H
EuroNCAP TB CP009 Version 1.1 07-2025	Q6 an Q10 Dummy Specification and Certification	H
Heckaufprall Dummies		
BioRID		
ECE TRANS WP 29 02-2022	Concerning the description and performance of test tools and devices necessary for the assessment of compliance of wheeled vehicles, equipment and parts according to the technical prescriptions specified in Regulations and global technical regulations (Amendment 3) 2- BioRID Schlitten 3- Dummy 4- Jacket 5 - Pelvis	H
EuroNCAP TB CP301 Version 1.1 07-2025	BioRid-II UN Specification and Certification	H
305-000 EvaRID Rev A, SBL-A 10-2025	EvaRID Qualification Manual 2.0 - Jacket 2.1 - Pelvis 2.2 – Dummy	H

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Prüfkörper Fußgängerschutz (FMH)

Kopfformen

49 CFR Part 571.226 02-2011	18 kg Ejection Mitigation Featureless Headform Headdrop test	H
D.G-9900 3.5 KG JNCAP/ECE PEDESTRIAN HEAD FORM IMPACTOR USER MANUAL [Rev. E] 12-2022	JNCAP/ECE PEDESTRIAN HEAD FORM IMPACTOR Headdrop test	H
D.F-9900 4.5 KG JNCAP/ECE PEDESTRIAN HEAD FORM IMPACTOR USER MANUAL [Rev. D] 12-2022	JNCAP/ECE PEDESTRIAN HEAD FORM IMPACTOR Headdrop test	H
EN17950 Headform CG measurement procedure 05-2024	EN17950 Headform CG Measurement Headform: Determination of the center of gravity	H
EN17950 Headform Friction measurement procedure 11-2024	EN17950 Headform Friction Measurement Headform: Determination of friction	H
GTR9 02-2011	Headform Global Technical Regulation No. 9 „Pedestrian Safety“. 8.3. -Child and adult headform impactors certification	H
GTR9 02-2011	Global Technical Regulation No. 9 “PEDESTRIAN SAFETY” Chapter 4 - Head drop test (3x)	M
49 CFR Part 572 Subpart L 1995-08	FMH (Free Motion Headform) 572.102 - Head drop test	M, H

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VO (EG) 631/2009	Commission Regulation (EC) No 631/2009 of 22 July 2009 laying down detailed rules for the implementation of Annex I to Regulation (EC) No 78/2009 of the European Parliament and of the Council on the type-approval of motor vehicles with regard to the protection of pedestrians and other vulnerable road users, amending Directive 2007/46/EC and repealing Directives 2003/102/EC and 2005/66/EC PART V: IMPACTORS, Appendix I: Certification of impactors Chapter 4 - Head drop test - D.F 4.5kg Headform Chapter 4 - Head drop test - D.G 3.5kg Headform	M, H
UN-R 127 Annex 6 ÄS 01 02-2015	Uniform provisions concerning the approval of motor vehicles with regard to their pedestrian safety performance - Head drop test	H

Beinprüfkörper

133-9900 User Manual FLEX PLI GTR Rev L 12-2023	Flex PLI (Flex PLI GTR User Manual) 7.2 - Femur (Assembly)- und Tibiaknochen (Assembly) Test 7.3 - Knee Test 8 - Pendulum Dynamic certification 9 - Dynamic Inverse Certification Test	H
ISO/NP TS 20458 2019-11	aPLI (Road vehicles Design and performance specifications for advanced Pedestrian Legform Impactor)	H
233-9900 User manual aPLI Rev B 02-2023	ADVANCED PEDASTRIAN LEGFORM IMPACTOR APLI 233-5000 – USER MANUAL [Rev. B] 13 - Static tests 14 - Dynamic inverse tests	H

Militär und Luftfahrt

MIL-LX CERTIFICATION Rev A 07-2023	MIL-LX Certification Test Procedure Full Leg (R+L Side)	H
190-9900s6 lard user manual Rev. A 07-2025	LARD SLICE6 - LARGE ANTHROPOMORPHIC RESEARCH DUMMY – User Manual 13.2 - Head Drop 13.3 - Neck Test 13.4 - Thorax Impact	H
240-9900s6-sf81 LOIS JPATS1 SLICE6 Rev.A 07-2025	LIGHTEST OCCUPANT IN SERVICE. 240-9900S6-SF81 LOIS JPATS1 SLICE 6 User Manual 13.2 - Head Drop 13.3 - Neck Test	H

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	13.4 - Thorax Impact	
Allied Engineering Publication (AEP) series, particularly AEP-55, Volume 3 Rev. Edition C, Version 1	MIL-SID-dummy ES-2re torso, the Hybrid III head and neck, and specialized MIL-LX lower legs	H
49 CFR Part 572 Subpart E 11-2011	Kopffalltest 49 CFR Part 572 Subpart E 572.32 - Head drop test 572.33 - Neck pendulum test	H
49 CFR Part 572 Subpart U 06-2011	572.183 - Neck pendulum test 572.184 - Shoulder test 572.185 - Thorax test 572.185 - Ribmodule tests 572.186 - Abdomen test 572.187 - Lumbar spine test 572.188 - Pelvis test	H
MIL-LX CERTIFICATION [Rev. A] 07-2023	Full Leg (R+L Side)	H
240-9900s6-f81_lois_jpats1 Rev A 07-2025	Lightest Occupant In Service (JPATS-103 Case 1) 13.2.1 - Head drop test 13.3.1 - Neck pendulum test 13.4.4 - Thorax test	H
190-9900s6-lard_user_manual Rev A 07-2025	Large Anthropomorphic Research Dummy (JPATS-220 Case 5) 13.2.1 - Head drop test 13.3.1 - Neck pendulum test 13.4.4 - Thorax test	H

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Verwendete Abkürzungen:

ATD	Anthropomorphic Test Devices
CFR	Code of Federal Regulations (Office of the Federal Register, U.S. Government)
DIN	Deutsches Institut für Normung e.V.
EG	Europäische Gemeinschaft
EN	Europäische Norm
GTR	Global Technical Regulation (Arbeitsgruppe, die ISO zuarbeitet)
IEC	International Electrotechnical Commission – Internationale Elektrotechnische Kommission
ISO	International Organization for Standardization – Internationale Organisation für Normung
SAE	Society of Automotive Engineers
UN-R	Regulation of the Economic Commission for Europe
User Manual	Produktdokumentation von ATD-Herstellern (Herstellerspezifikationen)