

**Liste aller Normen im flexiblen Akkreditierungsbereich Ausgabestand: 15.09.2021**  
**Diese Liste ist gültig für das Prüflabor (PL-15087-01) der Humanetics Europe GmbH mit Sitz in,**  
**Im Breitspiel 6A, Heidelberg.**  
**Sie wird regelmäßig überprüft und bei Bedarf aktualisiert.**

Norm	Ausgabestand	Titel der Norm oder des Hausverfahrens	Prüfgegenstand
Standard 18 KG EM Headform	2019-10	18 kg Ejection Mitigation Featureless Headform TL-WI-0267HD Verification Procedure for the Head Drop Test 18Kg Headform	
49 CFR Part 572 Subpart B	1985-06	Hybrid II 50th Percentile Male Dummy	572.6 - Head. 572.7 - Neck. 572.8 - Thorax. 572.9 - Lumbar spine, abdomen, and pelvis. 572.10 - Limbs.
49 CFR Part 572 Subpart E	2011-11	Hybrid III 50th Male Dummy	572.32 – Head. 572.33 – Neck. 572.34 – Thorax. 572.35 - Limbs
49 CFR Part 572 Subpart L	1995-08	Free Motion Headform	572.102 - Drop Test
SAE J2706	2013-06	Hybrid III Six-Year Old Child Dummy User's Manual	8.1 Head Drop Test 8.2 Neck Tests 8.3 Thorax Impact Test 9.3 Knee Impact Test 9.4 Torso Flexion Test
49 CFR Part 572 Subpart N	2011-06	Six-Year-Old Child Test Dummy, Beta Version	572.122 - Head assembly test procedure 572.123 - Neck assembly test procedure 572.124 - Thorax assembly test procedure 572.125 - Torso flexion test procedure 572.126 - Knee impact test procedure
49 CFR Part 572 Subpart S	2011-02	Hybrid III Six-Year-Old Weighted Child Test Dummy	572.162 - Head assembly Test procedure 572.163 - Neck assembly Test procedure  572.164 - Thorax assembly Test procedure 572.165 - Torso flexion test procedure 572.166 - Knee impact test procedure
49 CFR Part 572 Subpart O	2002-09	Hybrid III 5th Percentile Female Test Dummy, Alpha Version	572.132 - Head assembly test procedure. 572.133 - Neck assembly test procedure. 572.134 - Thorax assembly test procedure. 572.135 - Torso flexion test procedure. 572.136 - Knee impact test procedure.
SAE J2862	2015-02	User's Manual for the Small Adult Female Hybrid III Test Dummy	8.1 Head Drop Test 8.2 Neck Tests 8.3 Thorax Impact Test 8.4 Knee Impact Test 8.5 Knee Slider Test 9.3 Hip Joint Range of Motion Test 9.4 Foot Test 9.6 Torso Flexion Test 9.7 Low-speed Thorax Impact Test

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<b>SAE J2878</b>	2016-06	Low Speed Thorax Impact Test Procedure for the Hybrid III 5th Percentile Female Test Dummy	3.2 Test Procedure 3.3 Performance Specifications
<b>49 CFR Part 572 Subpart P</b>	2002-01	Hybrid III 3-Year-Old Child Crash Test Dummy, Alpha Version	572.142 - Head test procedure. 572.143 - Neck-headform test procedure. 572.144 - Thorax assembly test procedure. 572.145 - Torso flexion test procedure.
<b>49 CFR Part 572 Subpart R</b>	2001-10	CRABI 12 Month (CRABI 12-Month-Old Infant, Alpha Version)	572.152 - Head assembly test procedure. 572.153 - Neck-headform test procedure. 572.154 - Thorax assembly test procedure.
<b>49 CFR Part 572 Subpart T</b>	2012-02	Hybrid III 10-Year-Old Child Test Dummy	572.172 - Head assembly and test procedure. 572.173 - Neck assembly and test procedure. 572.174 - Thorax assembly and test procedure. 572.175 - Torso flexion test procedure. 572.176 - Knee impact test procedure.
<b>49 CFR Part 572 Subpart U</b>	2012-09	ES-2re Side Impact Crash Test Dummy, 50th Percentile Adult Male	572.182 - Head assembly. 572.183 - Neck assembly. 572.184 - Shoulder assembly. 572.185 - Thorax (upper torso) assembly. 572.186 - Abdomen assembly. 572.187 - Lumbar spine. 572.188 - Pelvis.
<b>49 CFR Part 572 Subpart V</b>	2009-09	SID-IIs Side Impact Crash Test Dummy, Small Adult Female	572.192 - Head assembly. 572.193 - Neck assembly. 572.194 - Shoulder. 572.195 - Thorax with arm. 572.196 - Thorax without arm. 572.197 - Abdomen. 572.198 - Pelvis acetabulum. 572.199 - Pelvis iliac.
<b>180-9900 SID-IIs User Manual Rev. H</b>	2015-07	SID-IIs Side Impact Crash Test Dummy, Small Adult Female	3.2 Head Certification Test Procedure 3.7 Neck Certification Test Procedure 3.8.3 Thorax with Arm Certification Test Procedure 3.10 Thorax Without Arm Certification Test Procedure 3.11.3 Abdomen Certification Test Procedure 3.12.1.3 Pelvis Plug Certification Test Procedures 3.11.3 Abdomen Certification Test Procedure 3.12.1.3 Pelvis Plug Certification Test Procedures 3.12.2.3 Acetabulum Certification Test Procedure 3.12.4 Iliac Certification Test Procedure 3.13.3 Shoulder Certification Test Procedure
<b>49 CFR Part 572 Subpart W</b>	2020-11	Q3s Three-Year-Old Child Side Impact Test Dummy	572.212 - Head assembly test procedure. 572.213 - Neck assembly test procedure. 572.214 - Shoulder assembly test procedure. 572.215 - Thorax with arm assembly test procedure. 572.216 - Thorax without arm assembly test procedure. 572.217 - Lumbar spine assembly test procedure. 572.218 - Pelvis assembly test procedure.

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<b>UN-R 44</b> <b>Annex 8 - Appendix 1-3</b>	2010-11	Uniform provisions concerning the approval of restraining devices for child occupants of power-driven vehicles ("Child Restraint Systems")	DESCRIPTION OF THE 9 MONTHS AND 3, 6 AND 10-YEAR MANIKINS DESCRIPTION OF THE 18 MONTHS MANIKIN
<b>UN-R 94 Rev 2, Annex 10</b>	2013-08	Annex 10 Certification procedure for the dummy lower leg and foot	1. Upper foot impact test 2. Lower foot impact test without shoe 3. Lower foot impact test (with shoe)
<b>UN-R 95 Rev 2, Annex 6</b>	2014-02	Technical Description of the ES-2 50th percentile adult male SID.	5. Certification of the dummy 5.5 - Head 5.6 - Neck 5.7 - Shoulder 5.9 - Thorax 5.10 - Lumbar spine 5.11 - Abdomen 5.12 - Pelvis
<b>Q-Series Child ATDs</b>			
<b>047-9900 User Manual Q0</b> <b>Rev.F</b>	2017-07	047-9900 User Manual Q0 Q 0 Year (6week old, Newborn UM)	5.3 - Head 5.4 - Neck 5.5 - Lumbar Spine
<b>036-9900 User Manual Q1</b> <b>Rev.H</b>	2016-08	036-9900 User Manual Q1 Rev.H Q 1 Year (Advanced 1 year old child User Manual)	8.1 - Head 8.2 - Neck 8.3 - Lumbar 8.4 - Abdomen 8.5 - Thorax
<b>048-9900 User Manual Q1.5</b> <b>Rev.G</b>	2015-07	048-9900 User Manual Q1.5 Rev.G Q 1.5 Year (Advanced 1.5 year old child User Manual)	8.1 - Head 8.2 - Neck 8.3 - Lumbar 8.4 - Abdomen 8.5 - Thorax
<b>020-9905 User Manual Q3</b> <b>Rev.G</b>	2016-10	020-9905 User Manual Q3 Rev.G Q3 (Advanced 3-year-old child) User Manual	8.1 Head Certification 8.2 Certification of the Neck 8.3 Certification of the Lumbar Spine 8.4 Certification of the Abdomen 8.5 Certification of the Thorax
<b>020-9900 User Manual Q3s Rev.</b>	2018-02	User Manual Q3s Three Year Old Child Test Dummy	7.1 Head 7.2 Neck 7.3 Lumbar Spine 7.4 Shoulder 7.5 Thorax 7.6 Abdomen 7.7 Pelvis
<b>033-9900 User Manual Q6</b> <b>Rev.M</b>	2016-11	033-9900 User Manual Q6 Rev.M Q6 (Advanced 6-year-old child) User Manual	8.1 Head Certification 8.2 Certification of the Neck 8.3 Certification of the Lumbar Spine 8.4 Certification of the Abdomen 8.5 Certification of the Thorax

<b>010-9900 User Manual Q10 Rev.G</b>	2016-02	010-9900 User Manual Q10 Rev.G Q10 (10.5-year-old child) User Manual	<ul style="list-style-type: none"> <li>14.1 Head Certification</li> <li>14.2 Frontal Impact Head Certification</li> <li>14.3 Lateral Impact Head Certification</li> <li>14.4 Neck Certification</li> <li>14.5 Flexion Neck Test</li> <li>14.6 Extension Neck Test</li> <li>14.7 Lateral Neck Test</li> <li>14.8 Lumbar Spine Certification</li> <li>14.9 Frontal Spine Test</li> <li>14.10 Lateral Spine Test</li> <li>14.11 Thorax Certification</li> <li>14.12 Frontal Impact Thorax Test</li> <li>14.13 Side Impact Thorax Test</li> <li>14.14 Shoulder Lateral Impact Test / Application for Frontal Dummy with Full Arms</li> <li>14.15 Side Impact Pelvis Test</li> <li>14.16 Abdomen Certification</li> <li>14.17 Shoulder Lateral Impact Test / Application for Side Impact Shoulder Kit</li> </ul>
<b>SAE J2854</b>	2008-09	User's Guide for the Six-Month-Old Infant Dummy (CRABI)	<ul style="list-style-type: none"> <li>4.3 Head Drop Test</li> <li>4.4 Neck Tests</li> </ul>
<b>921022-9900 User Manual</b>	2015-07	CRABI 12- And 18-Month-Old Rev.C	<ul style="list-style-type: none"> <li>4.1 Head Drop Test</li> <li>4.2 Neck Tests</li> <li>4.3 Thorax Impact Test</li> </ul>
<b>SAE Engineering AID 27</b>	2005-07	12 and 18 Month Old Infant Dummies User's Manual	<ul style="list-style-type: none"> <li>Head Drop Test</li> <li>Neck Tests</li> <li>Thorax Impact Test</li> </ul>
<b>SAE Engineering AID 23</b>	1998-06	User's Manual for the 50th Percentile Male Hybrid III Dummy	<ul style="list-style-type: none"> <li>HEAD DROP TEST</li> <li>NECK TESTS</li> <li>THORAX IMPACT TEST</li> <li>KNEE IMPACT TEST</li> <li>KNEE SLIDER TEST</li> <li>HIP JOINT RANGE OF MOTION TEST</li> </ul>
<b>SAE J2779</b>	2015-07	Low Speed Thorax Impact Test Procedures for the Hybrid III 50th Male Dummy	<ul style="list-style-type: none"> <li>3. Calibration Procedure</li> </ul>
<b>SAE J2856</b>	2009-09	User's Manual for the 50th Percentile Male Hybrid III Dummy	<ul style="list-style-type: none"> <li>4.3 Head Drop Test</li> <li>4.4 Neck Tests</li> <li>4.5 Thorax Impact Test</li> <li>4.6 Knee Impact Test</li> <li>4.7 Knee Slider Test</li> <li>4.8 Hip Joint Range of Motion Test</li> <li>4.9 European Calibration Tests</li> <li>5.1 Low-speed Thorax Impact Test</li> <li>5.2 Low-speed Knee Slider Test</li> <li>5.3 Foot Tes</li> </ul>
<b>Hybrid III 50th Male FAA Dumm</b>	2015-07	Hybrid III 50th Male FAA Dummy 78051-218X-FAA User Manual Rev.C	<ul style="list-style-type: none"> <li>3.3 - Head Drop (according to Subpart E 572.32)</li> <li>3.4 - Neck Pendulum Flexion and Extension (according to Subpart E 572.33)</li> <li>3.5 - Thorax Impact (according to Subpart E 572.34)</li> <li>3.6 - Knee Impact (according to Subpart E 572.35)</li> <li>3.7 - Knee Slider Test (according to SAE EA-23)</li> <li>3.8 - Hip Range of Motion Test (according to Subpart E 572.35)</li> <li>3.9 - Torso Tests (according to Subpart B 572.9)</li> </ul>

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<b>SAE J3074</b>	2017-02	Hybrid III 50th Test Dummy Lumbar Flexion Test Procedure	3.4 Test Procedure 3.5 Performance Specifications
<b>SAE J2876</b>	2009-03	Low Speed Knee Slider Test Procedure for the Hybrid III 50th Male Dummy	3. Certification Procedures
<b>SAE J2857</b>	2011-03	Hybrid III 3-Year Old Child Dummy User's Manual	9.1 Head Drop Test 9.2 Neck Tests 9.3 Thorax Impact Test 9.4 Chest Depth Measurement Procedure 10.4 Torso Flexion Test
<b>SAE J2858</b>	2017-10	Hybrid III Ten-Year-Old Child Dummy User's Manual	5.1 - Head Drop Test 5.2 - Neck Tests 5.3 - Thorax Impact Test 6.3 - Knee Impact Test 6.4 - Torso Flexion Test
<b>420-9900 Hybrid III 10 Year Old User Manual Rev.C</b>	2015-07	420-9900 User Manual HIII-10 Year Old Rev.C	3.1. Head Calibration Procedure 3.2. Neck Calibration Test Procedure 3.4. Chest Calibration Procedure 3.5. Knee Calibration Procedure 3.6. Torso Flexion Calibration Procedure
<b>SAE J2860</b>	2012-09	Hybrid III 95th Large Male Test Dummy	4.1 Head Drop Test 4.2 Neck Tests 4.3 Thorax Impact Test 4.4 Knee Impact Test 4.5 Knee Slider Test 5.5 Torso Flexion Test 5.6 Foot Test
<b>WorldSID Family</b>			
<b>WorldSID 5<sup>th</sup> Percentile Female</b>			
<b>W5-9900 WorldSID 5th</b>	2015-08	User's Manual for the WorldSID 5th Small Adult Female Side Impact Dummy	9.1 - Head Test 9.2 - Neck Test 9.3 - Thorax/Shoulder Test 9.4 - Thorax with Half arm 9.5 - Thorax without arm 9.6 - Abdomen Test 9.7 - Pelvis Test
<b>WorldSID 50th Percentile Male ISO/TS 15830, Parts 2</b>			
	2013-02	WorldSID 50th Side impact Test Dummy	5.1 - Head Drop 5.2 - Neck Pendulum 5.3 - Shoulder Impact 5.3 - Thorax with Arm Impact 5.3 - Thorax without Arm Impact 5.6 - Abdomen Impact 5.6 - Pelvis Impact

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<b>W50-9900 WorldSID 50M User Manual Rev.K</b>	2018-02	W50-9900 WorldSID 50M User Manual	Section 8. Verification Procedures 8.4 Head Tests 8.5 Neck Tests 8.6 Full-body Tests 8.7 Shoulder Verification 8.8 Thorax without Arm Verification 8.9 Abdomen Verification 8.10 Pelvis Verification Test
<b>Pedestrian Safety</b>			
<b>Pedestrian Legform ATDs</b>			
<b>UN-R 127, Rev. 2 Annex 6</b>	2018-05	Einheitliche Bedingungen für die Genehmigung von Kraftfahrzeugen hinsichtlich ihrer Eigenschaften im Zusammenhang mit der Fußgängersicherheit. Anhang 6 Zertifizierung des Prüfkörpers	1. Zertifizierung des flexiblen Beinformschlagkörpers 2. Zertifizierung des Hüftformschlagkörpers 3. Kinder- und Erwachsenenkopfform Fallprüfung
<b>User Manual FLEX PLI GTR</b>	2019-05	User Manual FLEX PLI GTR	Pedestrian Lower Legform Impactors Section 7. Calibration and Certification Testing 7.2. Femur and Tibia Bone Assembly Certification 7.3. Knee Certification Section 8. Pendulum Dynamic Certification Section 9. Dynamic Inverse Certification Test
<b>ISO/NP TS 20458</b>	2019-11	aPLI (Road vehicles Design and performance specifications for advanced Pedestrian Legform Impactor)	Femur Certification Tibia Certification Knee Certification Flesh Certification Knee test (type I) Femur test (type II)
<b>EuroNCAP TB 032 V.1.0 aPLI Dynamic Certification</b>			
aPLI Dynamic Certification			
1. aPLI Dynamic Certification Corridors 1.4 Certification Corridors for the knee test (type I). 1.5 Certification Corridors for the femur test (type II).			
<b>THOR Family (Test device for Human Occupant Restraint)</b>			
<b>THOR-5th Female 474-9901</b>	2018-07	THOR 5th Percentile Female NHTSA Advanced Frontal Dummy	2. HEAD QUALIFICATION 3. FACE QUALIFICATION 4. NECK QUALIFICATION 5. THORAX QUALIFICATION 6. ABDOMEN QUALIFICATION 7. UPPER LEG QUALIFICATION 8. LOWER LEG QUALIFICATION

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<b>Certification Procedures for THOR AV 5th ATD</b>	2021-01	Certification Procedures for THOR AV 5th Female ATD	2. HEAD QUALIFICATION  3. FACE QUALIFICATION 4. NECK QUALIFICATION 5. THORAX QUALIFICATION 6. ABDOMEN QUALIFICATION 7. UPPER LEG QUALIFICATION 8. LOWER LEG QUALIFICATION 9. LUMBAR / TORSO CERTIFICATION EVALUATION
<b>THOR AV 50th ATD</b>	2020-07	Certification Procedures for THOR AV 50th ATD	1.0 Head Certification Evaluation  1.1 Face Certification Evaluation 1.2 Neck Certification Evaluation 1.3 Thorax Certification Evaluation 1.4 Abdomen Certification Evaluation 1.5 Lumbar / Torso Certification Evaluation 1.6 Upper Leg Certification Evaluation 1.7 Lower Leg Certification Evaluation
<b>THOR-50M Qualification Procedures</b>	2018-09	Qualification Procedures Manual THOR-50M Test Dummy	4 - HEAD QUALIFICATION 5 - FACE QUALIFICATION 6 - NECK QUALIFICATION 7 - UPPER THORAX QUALIFICATION 8 - Lower THORAX QUALIFICATION 9 - ABDOMEN QUALIFICATION 10 - UPPER LEG QUALIFICATION 11 - KNEE QUALIFICATION 12 - ANKLE INVERSION AND EVERSION QUALIFICATION 13 - BALL OF FOOT QUALIFICATION 14 - HEEL QUALIFICATION
<b>EuroNCAP TB 026</b>	2020-11	THOR Specification and Certification THOR-50M Test Dummy (in according to NHTSA, UN-R94, SAE, EuroNCAP Corridors)	2. THOR Certification  2.1.1 Head Impact Test 2.1.2 Neck Tests, all 6 six conditions 2.1.3 Upper Thorax Impact at 4.3m/s 2.1.4 Left and Right Lower Thorax Impact 2.1.5 Abdomen Impact 2.1.6 Left and Right Upper Leg Impact 2.2 Test impact conditions 2.3 Thorax and abdomen displacement sensors 2.4 Certification corridors 2.5 The knee sliders 2.6 The HIII lower legs
<b>BioRID II</b>	2019-12	BioRID-II UN Certification Manual Rev.E 2019-10	BioRID Sled and Track System Certification Test BioRID Jacket Certification Test BioRID Pelvis Certification Test BioRID Dummy Certification with and without Headrest Test
<b>NATO AEP-55 Annex E</b>	2011-08	PROCEDURES FOR EVALUATING THE PROTECTION LEVEL OF ARMoured VEHICLES MIL-LX Legform	E2 - ATD PREPARATION AND CERTIFICATION

<b>Erstellt:</b>	<b>Geprüft:</b>	<b>Freigegeben:</b>
am: 13.09.2021	am: 13.09.2021	am: 15.09.2021
durch: Nejdet Kazanci	durch: Nejdet Kazanci	durch: Viktor Petker