

LIST OF ACCREDITED ACTIVITIES OF FLEXIBLE SCOPE

Yanfeng International Automotive Technology Slovakia, s.r.o

Twin City C, Mlynské nivy 14, 821 09 Bratislava

Odštepný závod Trenčín

Skúšobné laboratórium

Bratislavská 517, 911 05 Trenčín

Certificate of accreditation: S-399

Last update 02.07.2025

Item	Object		Established method		Equipment	Other specifications (opinions/interpretations, workplace etc.)
	Subject /Matrix /Environment	Property /Parameter /Pointer /Analyte	Principle / Kind / Type	Label		
1	Instrument panel, Door panel, Floor console (plastic, foam, leather, textile)	Resistance to temperature and radiation	Visual evaluation	DIN 75220 VDA 230-219 A 001 006 00 99 VW 82511 (TN-YFITC-PM-ST-01-30)	Chamber EQP-00000238 EQP-00000237	Range: -40°C to +130 °C 10% to 98 % R.H. Do 1200 W/m ²

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2	Instrument panel, Door panel, Floor console (plastic, foam, leather, textile)	Resistance to climatic conditions	Visual evaluation	DIN EN 60068-2-30 D47 1309 PR 308.2 PV 1200 PV 2005 TREG33579402 MBN 51000-4 A 005 005 44 99 QEV111AHFE1W QEV111AHFE1Z QEV111AHFM22 QEV111AHE1W4 QEV111AF2AAH PR 303.6 PR 326.7 PTL 8140 TL 52296 TS-0002476 VW 82511 QV 32036 TL 52045 VW 82533 GS 97115-2 (TN-YFITC-PM-ST-01-35)	Chamber EQP-00000238 EQP-00000237 EQP-00000141 EQP-00000145 EQP-00000235 EQP-00000236 EQP-00000232 EQP-00000233 EQP-00000234 EQP-00005203 EQP-00000414	-40°C to +150 °C 10% to 98 % R.H.

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3	Instrument panel, Door panel, Floor console (plastic, foam, leather, textile)	Abrasion resistance	Visual evaluation Photometry	DIN EN ISO 105-X 12 MBN 51000-6 MBN 51000-7 PV 3906 VCS 1026, 84329 D45 1010 GS 97034-4-B/ 5-B/6-C PTL 8140 VW 96238 (TN-YFITC-PM-ST-01-25)	Crockmaster EQP-00000136	
4		Abrasion and scratch resistance	Visual evaluation	DIN EN 60068-2-70 GS 97034-1/2/3/4A-5-A/6-A DBL 1302 DBL 7384 DBL 9202 (TN-YFITC-PM-ST-01-33)	Abrex EQP-00000147	

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5	Instrument panel	Airbag deployment	Visual evaluation Measure weight and time	A 002 005 04 99 FUVO_RD_KIC_04 QEV111AF2AAH QEV111AHFM22 Drawing 73110-86R10 01438_10_00259-ST_C4X LAH.57H.857.A PV 3545 (TN-YFITC-PM-ST-01-45)	Hude ignition system EQP-00005186	
6	Instrument panel, Door panel, Floor console (plastic, foam, leather, textile)	Flammability	Measure length and time	DIN 75200 ISO 3795 FMVSS 302 GS 97038 DBL 5307 GMW 3232 VCS 5031,19 TL 1010 D45 1333 VSTD 19-1 KMOVSS 302 LP.7M079 PTL 8501 GB 8410 CONTRAN N° 498 (TN-YFITC-PM-ST-01-27)	Flammability chamber EQP-00000170 EQP-00010235	

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7	Instrument panel, Door panel, Floor console (plastic, foam, leather, textile)	Abrasion resistance	Visual evaluation	ISO 9352 ISO 5470-1 SAE J948 BN 108-02 GMW 3208 ASTM D3884 ASTM D4060-19 KEUR 00822-116 (TN-YFITC-PM-ST-01-29)	Taber Abraser 352 G: EQP-00000140	
8		Scratch resistance	Color/Gloss change measurement	GS 97034-8 GS 97034-9 GMW 14688 PV 3952 PV 3974 D45 5525 (TN-YFITC-PM-ST-01-26)	Erichsen Scratch tester- 430P II EQP-00000172	
9		Scratch resistance	Visual evaluation	TL226 VCS 1024 31139 ISO 1518 D45 5523 (TN-YFITC-PM-ST-01-34)	Hardness Erichsen 318 EQP-00000162 EQP-00000745	

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10	Instrument panel, Door panel, Floor console (plastic, foam, leather, textile)	Light Resistance	Visual evaluation/ Photometry	DIN EN ISO 105-B06 ISO 105-B02 ISO 105-B04 ISO 12040 ISO 4892-2 SAE J2412 SAE J2527 BO 116-01 GMW 14162 VCS 1026, 82429 PV 1303 TL 52045 PV 3929 (TN-YFITC-PM-ST-01-24)	Xenon Arc Weather-Ometer Ci3000+ EQP-00000176	
11		Chemical resistance	Visual Evaluation	PV 3964 TL 52045 GS 97034-12 GS 97034-13 PR 557 (TN-YFITC-PM-ST-01-47)	/	
12	Instrument panel, Door panel, Floor console, airbag module (metal material, coated plastic)	Salt spray	Visual Evaluation	DIN EN ISO 9227 VW 82511 VW 82533 GS 97115-2 (TN-YFITC-PM-ST-01-44)	Saltspray chamber EQP-00008592	

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13	Instrument panel, Door panel, Floor console (plastic, coated plastic, TPE)	Hardness	Hardness Measurement Shore L, shore D, Shore A	DIN EN ISO 868 QV 32036 PV 3931 ISO 48-4	Digital Hardness tester shore L EQP-00009741 shore D EQP-00003885 Digital durometer for shore A EQP-00000775 Hardness tester: EQP-00000279 EQP-00000280 EQP-00002284	
14	Airbag module	Pressure curve	Pressure measurement	VW 82511 VW 82533 VW 82535 VW 82519 GS 97116	Tank 146l EQP-00009757 Tank 60l EQP-00009758 Tank 28,3l EQP-00009759	
15	Instrument panel,	Abrasion resistance	Visual evaluation	ISO 11640 GS 97034-4C/5-C GS 97034-11	VESLIC EQP-00008248 DYNA-SPA EQP-00008238	
16	Door panel, Floor console (plastic, foam, leather, textile)	Color change	Photometry/Visual evaluation	DIN EN ISO 11664-3, -4, DIN 53236 ISO 7724 ISO 105-A02 VW 50190	DATACOLOR 500 EQP-00000178 DATACOLOR Check 3 EQP-00000179 Spectro2guide EQP-00003887 EQP-00009673	

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17	Instrument panel, Door panel, Floor console (plastic, foam, leather, textile)	Gloss	Reflectance	DIN EN ISO 2813 ASTM D523 ASTM C584 ASTM D2457 EN ISO 7668 VW 50190	Micro-Tri-Gl EQP-00000203 EQP-00000204	
18		Adhesion	Visual evaluation	DIN EN ISO 2409 VCS 1029, 54729 (TN-YFITC-PM-ST-01-32)	Cross-Cut Tester EQP-00000408 EQP-00000409	
19		Softening temperature of the material	Temperature measurement	DIN EN ISO 306 DIN EN ISO 75-1 (TN-YFITC-PM-ST-01-15)	Zwick/Roell HDT/Vicat EQP-00000177	
20		Odour	Sensory test	VDA 270 BO 131-03 GMW 3205 VCS 1027, 2729 PV 3900 D10 5517 - Part 1 (TN-YFITC-PM-ST-01-23)	Chamber EQP-00000414	
21	Instrument panel, Door panel, Floor console (plastic, foam, leather, textile)	Density	Weight measurement	DIN EN ISO 1183-1 Method A (TN-YFITC-PM-ST-01-22)	Analytic balance Kern EQP-00000182	

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22	Instrument panel, Door panel, Floor console (plastic, foam, leather, textile)	Ash	Weight measurement	DIN EN ISO 3451-1 (Method A) DIN EN ISO 1172 (Method A) (TN-YFITC-PM-ST-01-21)	Muffle furnace EQP-00000180	
23		Thickness	Measurement of thickness	DIN EN ISO 2286-3	Micrometer universal Frank PTI EQP-00000407	
24		Deformation form	Measurement of dimensions/ Photogrammetry	(TN-YFITC-PM-ST-01-16)	Camera Nikon EQP-00006005 Scale Bar EQP-00000098 EQP-00000731	
25		Strength (Dynstat)	Impact test	DIN 53435 (TN-YFITC-PM-ST-01-20)	Dynstat Dys 1/12 EQP-00000277	
26		Strength (Izod)	Impact test	DIN EN ISO 180 (TN-YFITC-PM-ST-01-18)	Zwick/Roell Pendulum impact tester HIT25 EQP-00000185	
27		Strength (Charpy)	Impact test	DIN EN ISO 179-1 (TN-YFITC-PM-ST-01-18)	Zwick/Roell Pendulum impact tester HIT25 EQP-00000185	

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28	Instrument panel, Door panel, Floor console (plastic, foam, leather, textile, composite)	Strength, elongation, bending	Force and length measurement	DIN EN ISO 527-1 DIN EN ISO 527-2 DIN EN ISO 527-3 DIN EN ISO 527-4 DIN EN ISO 527-5 DIN ISO 34-1 DIN ISO 178 ISO 28510-1 DIN EN 1372 DIN EN 310 DIN EN ISO 13934-1 DIN EN ISO 13937-2 DIN EN 29073-3 DIN 53504 ISO 6892-1 ASTM D5587 ISO 13935-1 DIN EN ISO 3376 (TN-YFITC-PM-ST-01-17)	Zwick Z010 UTM EQP-00000156 Zwick Z020 UTM EQP-00000148 Zwick Z100 UTM EQP-00007731	
29	Instrument panel, Door panel, Floor console (plastic, foam, leather, textile)	Fogging	Reflectometric measurement of gloss	DIN 75201 SAE J1756 GMW 3235 VCS 1027, 2719 D45 1727 KEUR 00822-120 (TN-YFITC-PM-ST-01-31)	Thermo Fisher Scientific Horizon EQP-00000195	

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30	Instrument panel, Door panel, Floor console (plastic, foam, leather, textile)	Fogging	Weight measurement	DIN 75201 ISO 6452 SAE J1756 GMW 3235 VCS 1027, 2719 PV 3015 D45 1727 (TN-YFITC-PM-ST-01-19)	Thermo Fisher Scientific Horizon EQP-00000195	
31		Peel Test	Force measurement	DIN EN 1372 ISO 11339 DIN EN ISO 2411 MBN 51000-6 PV 2034 PR 326.6 (TN-YFITC-PM-ST-01-38)	Zwick/Roell Z020 EQP-00000148 Zwick/Roell Z010 EQP-00000156	
32		Foam Adhesion	Visual Evaluation	MBN 51000-6 TL 52296 PR 326.6 GS 97012 PR 524 (TN-YFITC-PM-ST-01-40)	Zwick/Roell Z020 EQP-00000148 Zwick/Roell Z010 EQP-00000156	

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33	Instrument panel, Door panel, Floor console (plastic, foam, leather, textile)	Ball drop test	Visual Evaluation	PV 3905 TREG-33579402-01-2 MBN 51000-6 PV 3989 (TN-YFITC-PM-ST-01-42)	Steel Balls EQP-00003447 EQP-00003474 EQP-00003475 EQP-00003476 EQP-00003477 EQP-00009326 EQP-00009327 EQP-00009308	

Personnel competent to modify and validate methods/develop new methods during the validity of the accreditation

Meno a priezvisko, tituly	pôsobilosť modifikovať a validovať metódy/vyvíjať nové metódy -položka v špecifikácie činnosti č.
Petra Kehrbusch	1, 2, 3, 4, 6, 7, 8, 9, 10, 11, 12, 13, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33
Marek Fris	1, 2, 16, 17, 24, 33
Daniela Bystrická	1, 2, 3, 4, 6, 7, 8, 9, 10, 11, 13, 15, 16, 17, 18, 19, 20, 21, 22, 23, 25, 26, 27, 28, 29, 30, 31, 32, 33
Michal Vizváry	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 25, 26, 27, 28, 29, 30, 31, 32, 33