

Global-WEB Laboratory Approval Class 'A' methods

For [Shanghai imat automotive technology service limited company](#)

SOHO Zhongshan Plaza, A-1001, 1055 West Zhongshan Road, Changning District
Shanghai 200051
P.R. China

Approval is granted based on available accreditation in accordance with DIN EN ISO/IEC 17025: 2005, a self-disclosure from the laboratory, assessment on site according to VDA 250 Section A, and the performance of tests, which have been recognized by Daimler AG.

The status of internal re-qualification and the results of external round-robin tests with approved methods shall be reported on annually to Daimler AG.

Every method-related process change is to be reported immediately to the approving authority. Tests carried out by subcontractors are the responsibility of the certificate holder. The Laboratory and all subcontractors used are to be listed in the report with name, site, and certificate number.

Markus Weiß
Team leader
Daimler AG

Heike Gäbler
Deputy of team leader
Daimler AG



Certificate No. 39209 · Period of validity: 01/2019 - 12/2021

Detail Appendix

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Norm	Norm title	Method name	Period of Validity	Notes
DBL 5307	Flame retardant properties Interior trim parts, Requirements and test specifications (2008-03)	5.1 Test for determination of the horizontal burning rate of materials, AA10	01/2019 - 12/2021	Partner Lab
DBL 5307	Flame retardant properties Interior trim parts, Requirements and test specifications (2008-03)	5.1 Test for determination of the horizontal burning rate of materials, AA11	01/2019 - 12/2021	Partner Lab
DBL 5430	Emissions and Odor in the Vehicle Interior (2017-12)	6.2 Thermal desorption analysis of materials and their composites	01/2019 - 12/2021	
DBL 5430	Emissions and Odor in the Vehicle Interior (2017-12)	6.3 Odor measurement	01/2019 - 12/2021	Partner Lab also
DBL 5430	Emissions and Odor in the Vehicle Interior (2017-12)	6.3.4 (Method 4) Odor measurement	01/2019 - 12/2021	Partner Lab also
DBL 5430	Emissions and Odor in the Vehicle Interior (2017-12)	6.9 Component test cabinet testing of individual materials with special target values for material developments and upstream release processes	01/2019 - 12/2021	
DBL 5430	Emissions and Odor in the Vehicle Interior (2017-12)	6.10 Measuring organic emissions and odor from components	01/2019 - 12/2021	Partner Lab also
DIN 75200	Determination of burning behaviour of interior materials in motor vehicles	Burning behaviour	01/2019 - 12/2021	Partner Lab
DIN 75201	Determination of the fogging characteristics of trim materials in the interior of automobiles (2011-11)	B - Determination of the fogging characteristics of trim materials in the interior of automobiles	01/2019 - 12/2021	
DIN EN 14288	Leather - Physical and mechanical tests- Determination of fogging characteristics	Gravimetric method, fogging characteristics (method B)	01/2019 - 12/2021	
DIN EN ISO 4628-1	Paints and varnishes - Evaluation of degradation of coatings - Designation of quantity and size of defects, and of intensity of uniform changes in appearance - Part 1 : General introduction and designation system (ISO 4628-1:2016); English version EN	Evaluation of degradation of coatings - General introduction and designation system	01/2019 - 12/2021	Partner Lab
DIN EN ISO 4628-2	Paints and varnishes- Evaluation of degradation of	Assessment of degree of blistering	01/2019 - 12/2021	Partner Lab



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Norm	Norm title	Method name	Period of Validity	Notes
	coatings - Designation of degradation of coatings - Designation of quantity and size of defects- and of intensity of uniform changes in appearance - Part 2: Assessment of degree of blistering			
DIN EN ISO 4628-3	Paints and varnishes - Evaluation of degradation of coatings - Designation of quantity and size of defects, and of intensity of uniform changes in appearance - Part 3: Assessment of degree of rusting	Assessment of degree of rusting	01/2019 - 12/2021	Partner Lab
DIN EN ISO 11997-1	Paints and varnishes - Determination of resistance to cyclic corrosion conditions - Part 1: Wet (salt fog)/dry/humid (ISO 11997-1:2017); German version EN ISO 11997-1:2017 (2018-01)	Determination of resistance to cyclic corrosion conditions - Wet (salt fog)/dry/humid	01/2019 - 12/2021	Partner Lab
DIN ISO 12219-4	Interior air of road vehicles - Part 4: Method for the determination of the emissions of volatile organic compounds from vehicle interior parts and materials - Small chamber method (ISO 12219-4:2013), English translation of DIN ISO 12219-4:2013 (2013)	Method for the determination of the emissions of volatile organic compounds from vehicle interior parts and materials - Small chamber method	01/2019 - 12/2021	
DIN ISO 12219-6	Interior air of road vehicles - Part 6: Method for the determination of the emissions of semi-volatile organic compounds from vehicle interior parts and materials at higher temperature - Small chamber method (ISO 12219-6:2017) (2017-08)	Method for the determination of the emissions of semi-volatile organic compounds from vehicle interior parts and materials at higher temperature - Small chamber method	01/2019 - 12/2021	
DIN ISO 12219-7	Interior air of road vehicles - Part 7: Odour determination in interior air of road vehicles and test chamber air of trim components by olfactory measurements (ISO 12219:2017), English translation of DIN ISO 12219-7:2017-08	Odour determination in interior air of road vehicles and test chamber air of trim components by olfactory measurements	01/2019 - 12/2021	Partner Lab also



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Norm	Norm title	Method name	Period of Validity	Notes
FMVSS 302	Flammability of interior materials - passenger cars, multipurpose passenger vehicles, trucks and buses	Flammability of interior materials	01/2019 - 12/2021	Partner Lab
MBN 10494-5	Paint Test Methods - Part 5: Technical-Mechanical Tests (2016-03)	Multi-impact test, method B	01/2019 - 12/2021	Partner Lab
MBN 10494-6	Paint Test Methods - Part 6: Climatic Tests (2016-03)	Blistering, degree of blistering, code Quantity (0-5); size S(0-5)	01/2019 - 12/2021	Partner Lab
MBN 10494-6	Paint Test Methods - Part 6: Climatic Tests (2016-03)	CASS test	01/2019 - 12/2021	Partner Lab
MBN 10494-6	Paint Test Methods - Part 6: Climatic Tests (2016-03)	Corrosion cycle test 1	01/2019 - 12/2021	Partner Lab
MBN 10494-6	Paint Test Methods - Part 6: Climatic Tests (2016-03)	Edge corrosion on aluminum wheels, KR	01/2019 - 12/2021	Partner Lab
MBN 10494-6	Paint Test Methods - Part 6: Climatic Tests (2016-03)	Edge corrosion, code KR	01/2019 - 12/2021	Partner Lab
MBN 10494-6	Paint Test Methods - Part 6: Climatic Tests (2016-03)	Filiform test on painted aluminum parts as per Daimler	01/2019 - 12/2021	Partner Lab
MBN 10494-6	Paint Test Methods - Part 6: Climatic Tests (2016-03)	Flange corrosion, code FR	01/2019 - 12/2021	Partner Lab
MBN 10494-6	Paint Test Methods - Part 6: Climatic Tests (2016-03)	Subsurface corrosion around a scribe mark, code U/2	01/2019 - 12/2021	Partner Lab
MBN 10494-6	Paint Test Methods - Part 6: Climatic Tests (2016-03)	Surface corrosion, code Ri	01/2019 - 12/2021	Partner Lab
MBN 10494-6	Paint Test Methods - Part 6: Climatic Tests (2016-03)	Weld corrosion, code SR	01/2019 - 12/2021	Partner Lab
VDA 270	Determination of the odour characteristics of trim materials in motor vehicles (2018-06)	Odour test (variant 1)	01/2019 - 12/2021	Partner Lab also
VDA 270	Determination of the odour characteristics of trim materials in motor vehicles (2018-06)	Odour test (variant 2)	01/2019 - 12/2021	Partner Lab also
VDA 270	Determination of the odour characteristics of trim materials in motor vehicles (2018-06)	Odour test (variant 3)	01/2019 - 12/2021	Partner Lab also

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Norm	Norm title	Method name	Period of Validity	Notes
VDA 276-1	Determination of organic substances as emitted from automotive interior products using a 1 m ³ test cabinet (2005-12)	Standard-Emission test	01/2019 - 12/2021	
VDA 276-2	Determination of organic substances as emitted from automotive interior products using a 1 m ³ test cabinet (2005-12)	Determination of the release of Formaldehyde, Ammonia and Phenole - measurement by method of steady-state concentration	01/2019 - 12/2021	
VDA 278	Thermal Desorption Analysis of Organic Emissions for the Characterization of Non-Metallic Materials for Automobiles (2011-10)	Thermal Desorption Analysis of Organic Emissions for the Characterization of Non-Metallic Materials for Automobiles	01/2019 - 12/2021	

