



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

NIPPON PAINT AUTOMOTIVE AMERICAS, INC.
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CHEMICAL

Valid To: March 31, 2027

Certificate Number: 0200.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following paint and coatings performance tests:

<u>Test(s):</u>	<u>Test Method(s):</u>
Abrasion Resistance	
Car Wash Scratch	Honda 0096Z-3BH-0000(13)
Color Crocking	Ford BN 107-1; ISO 20433; SAE J861; TSH 3130G (4.13)
Crock Mar	Stellantis 463PB-54-01; Ford BI 161-01; BMW AA-0134
Linear	GMW14125
Micro-scratch	Ford BI 165-01
Pencil	TSH 1539G; ASTM D3363; Honda 0096Z-3BH-0000(8); Mazda MN 601K(9.1); Nissan NES M0141(6.2.1)
Print	TSH 1501G; Nissan NES M0141(6.2.5); Honda 0096Z-3BH-0000(10); Mazda MN 601J(10); ISO 15184
Scratch, Scrape and Mar	Stellantis 463DD-18-01; Ford BN 108-13; GMW14130, 14698; TSH 1544G
Taber Abrasion	ASTM D4060; Ford BN 108-02; GMW3208; SAE J948; TSH1502G
Taber Scuff	Ford BN 108-04; SAE J365
Accelerated Weathering	
QUV	ASTM G154; Honda 0096Z-3BH-0000(14); Nissan NES M0141 6.4.1 (B) (6); Stellantis D27 5439
Xenon	ASTM G155, D7869; GM 9125P; SAE J2412, SAE J2527; TSH 1585G (2.3); Honda 0096Z-3BH-0000(14); Mercedes DBL5555 23.2; BMW AA-0235; Ford BO 116-01
Adhesion	
Knife Crosshatch	GMW14829 (Method B); BMW AA-0180 (Knife Only)
Tape Adhesion	ASTM D3359; Ford BI 106-01; GMW 14829 (Method A); TSH 1503G; Nissan NES M0141(6.24); Honda 0096Z-3BH-0000(2); Mazda MN 601J(8.1); ISO2409; Stellantis D25 1075
Tweezer Pull	GMW14797 (Appendix B)

<u>Test(s):</u>	<u>Test Method(s):</u>
Chemical Resistance	
Acid	Stellantis 463PB-53-01; Ford BI 113-02, BI 113-05; GMW14701, except method 1; TSH 1509G; Nissan NES M0141(6.3.2); Honda 0096Z-3BH-0000(7); Mazda MN 601K(15)
Alkali	TSH 1509G; Nissan NES M0141(6.3.3); Honda 0096Z-3BH-0000(7); Mazda MN 601K(16)
Chemical	Ford BI 113-1, BN 107-1; GMW14334, GMW14701
Fluid	Ford BI 168-01
Gasoline	Ford BO 101-5; GMW14333; TSH 1508G; Honda 0096Z-3BH-A000(9); BMW AA-0055 (Methods 2, 3, and 4)
Perspiration	Ford BI 113-06; GMW14296, GMW14334
Soap and Water	Stellantis 463PB-31-01; Ford BI 113-1
Soiling and Cleanability	Ford BN 112-08; TSH 1562G
Solvent	Stellantis 463PB-31-01; GMW14867 (3.3), GMW15891; TSH 1508G (2.2.2, 2.4); Honda 0096Z-3BH-0000(5); Stellantis D27 5437
Suntan Lotion and Insect Repellent	Stellantis 463PB-31-01; Ford BI 113-08; GMW14445
Volatile Oil	Honda 0096Z-3BH-0000(6)
Water	TSH 1509G
Chip Resistance	
Gravelometer	GMW14700; SAE J400, Method B; TSH 1553G; ASTM D3170; Nissan NES M0141(6.2.3)
Compatibility	
Compatibility	ISO15701
Migration Staining	Ford BN 103-1; Stellantis D27 5377; Honda 0096Z-3BH-0000(12)
Contamination	Honda 0096Z-3BH-A000(13)
Environmental (hot/cold/moisture)	
Chamber (-40 to +85°C)	VW PV1200; Rivian RTS1946; Tesla TP-0000706; BMW 303.5
Cycle Testing	Stellantis LP.7M070; Ford BI 107-2, BQ 104-7, Procedure A and 5; GMW 14124 (A, C, D, E, I, K, L, M, O, S, W); Honda 0096Z-3BH-0000(11)
Heat Aging	GMW14867 (3.9); Honda 096Z-3BH-0000(9); BMW AA-0026
Flexibility	
Mandrel Bend	Stellantis 463PB-44-01; Ford BI 105-1, BN 102-1; GMW16746; TSH 1504G (2.2); Honda 0096Z-T5A-9000(17); ASTM D522 (Method B)
Fogging Resistance	
Fogging (Photometric only)	GMW3235; SAE J1756; TSM 0503G
Hydrolysis	Ford BI 106-03
Impact Resistance	
Falling Dart	ASTM D5420; TSH 1504G; Ford BI 108-01; Honda 0096Z-T5A-9000(16); Stellantis LP.7N022
Multi-Axial	ASTM D3763; ISO 6603-2

<u>Test(s):</u>	<u>Test Method(s):</u>
Moisture Resistance	
Humidity	ASTM D1735, D2247; Ford BQ 104-2; GMW 14729; TSH 3130G (4.9); Honda 0096Z-3BH-0000(4); ISO 6270-2; BMW AA-0213
Water Immersion	ASTM D870; Stellantis 463PB-31-01; Ford BI 104-1; TSH 1505G; Honda 0096Z-3BH-0000(3); GMW14704
Sensory	
Odor	Ford BO 131-03; SAE J1351; GMW 3205; Stellantis LP-463KC-09-01
Water Impact	
Thermal Shock (cold/steam)	Stellantis LP.7M061; Ford BI 107-05; GMW 15919; Honda 0096Z-SM4-0000
Water Jet	GMW 16745; BO 160-04; Honda 0096Z-3BH-A000(4); Stellantis LP-463TB-15-01;
Steam Jet	BMW AA-0136; VW PV1503; Nissan NES M0141 6.2.13; Stellantis D25 5376



Accredited Laboratory

A2LA has accredited

NIPPON PAINT AUTOMOTIVE AMERICAS, *Lansing, IL*

for technical competence in the field of

Chemical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO 17025:2017, *General requirements for the competence of testing and calibration laboratories*. This accreditation demonstrates the laboratory's technical competence for a defined scope and the operation of a laboratory quality management system in accordance with the requirements of the standard (refer to joint ISO-ILAC-IAF Communiqué dated April 2017).



Presented this 24th day of March 2027

A blue ink signature of Mr. Trace McInturff, Vice President of the Accreditation Council.

Mr. Trace McInturff, Vice President
For the Accreditation Council
Certificate Number 0200.01
Valid to March 31, 2027

For the tests to which this accreditation applies, please refer to the laboratory's Chemical Scope of Accreditation.