

Annex to declaration of accreditation (scope of accreditation)
 Normative document: EN ISO/IEC 17025:2017
 Registration number: **L 597**

of **Prodrive Technologies Innovation Services B.V.**
Laboratory

This annex is valid from: **21-02-2025** to **01-03-2027**

Replaces annex dated: **20-12-2024**

Location(s) where activities are performed under accreditation

Head Office

Science Park Eindhoven 5501
 5692 EM
 Son
 The Netherlands

Location	Abbreviation/ location code
Science Park Eindhoven 5501 5692 EM Son The Netherlands	SO

No.	Material or product	Type of activity ¹	Internal reference number	Location
EMC.E	Electromagnetic Compatibility Emission (EMC) - Emission			
EMC.E.01	Electronic and/or electric apparatus and sub-assemblies	Conducted Emissions Voltage method (AN) 150 kHz – 30 MHz	6001-1347-45xx, 6001-1252-84xx CISPR 11 / EN 55011 CISPR 32 / EN 55032 CISPR 16-2-1 / EN 55016-2-1 (Discontinuous disturbance not included)	SO
EMC.E.02		Conducted Emissions Voltage method (AMN) 150 kHz – 30 MHz	6001-1347-45xx CISPR 11 / EN 55011 CISPR 32 / EN 55032 CISPR 16-2-1 / EN 55016-2-1 (Discontinuous disturbance not included)	SO

¹ If there is a referral to a code starting with NAW, NAP, EA or IAF, this concerns a scheme mentioned on the [RvA-BR010-lijst](#).
 If no date or version number is mentioned for a normative document, the accreditation concerns the most current version of the document or scheme.

This annex has been approved by the Board of the
 Dutch Accreditation Council, on its behalf,

J.A.W.M. de Haas

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No.	Material or product	Type of activity ¹	Internal reference number	Location
EMC.E.03	Electronic and/or electric apparatus and sub-assemblies	Conducted Emissions Voltage method (LISN) 150 kHz – 30 MHz	6001-1347-45xx CISPR 11 / EN 55011 CISPR 32 / EN 55032 CISPR 16-2-1 / EN 55016-2-1 (Discontinuous disturbance not included)	SO
EMC.E.14		Radiated Emissions Full Anechoic Chamber Method (FACM) 1 GHz – 6 GHz	6001-1347-45xx CISPR 11 / EN 55011 CISPR 32 / EN 55032 CISPR 16-2-3 / EN 55016-2-3 (Discontinuous disturbance not included)	SO
EMC.E.15		Radiated Emissions Semi Anechoic Chamber Method (SACM) 30 MHz – 1 GHz	6001-1347-45xx CISPR 11 / EN 55011 CISPR 32 / EN 55032 CISPR 16-2-3 / EN 55016-2-3 (Discontinuousdisturbance not included)	SO
EMC.I	Electromagnetic Compatibility Immunity (EMC)			
EMC.I.01	Electronic and/or electric apparatus and sub-assemblies	Conducted RF Immunity Electromagnetic 10 Vrms 150 kHz – 80 MHz	6001-1347-45xx EN-IEC 61000-4-6	SO
EMC.I.12		Radiated Immunity Electric Field 80 MHz – 6 GHz: 10 V/m	6001-1347-45xx EN-IEC 61000-4-3	SO
EMC.I.21		Electrostatic discharge Immunity (ESD) Contact discharge 0 – 30 kV Air discharge 0 – 30 kV	6001-1347-45xx EN-IEC 61000-4-2	SO
EMC.I.22		Electrical fast transient / burst Immunity (EFT) 1 phase / 3 phase / other lines 0.25 kV – 6 kV	6001-1347-45xx EN-IEC 61000-4-4	SO
EMC.I.23		Surge Immunity 1 phase / 3 phase / other lines 0.5 kV – 6 kV	6001-1347-45xx EN-IEC 61000-4-5	SO
EMC.I.24		Power frequency magnetic field Immunity 50/60 Hz 1 A/m – 140 A/m	6001-1347-45xx EN-IEC 61000-4-8	SO

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No.	Material or product	Type of activity ¹	Internal reference number	Location
EMC.I.26	Electronic and/or electric apparatus and sub-assemblies	Voltage dips, short interruptions and voltage variations Immunity 1 phase / 3 phase Angle(s) 0 – 359°	6001-1347-45xx EN-IEC 61000-4-11	SO

Electromagnetic Compatibility (EMC) - Automotive

EMC.I.21	Electronic and/or electric apparatus and sub-assemblies	Electrostatic discharge Immunity (ESD) Contact discharge 0 – 30 kV Air discharge 0 – 30 kV	6001-1252-84xx ISO 10605	SO
EMC.I.27		Electric transient transmission via lines other than supply lines Immunity 150 V 10 kHz RF (repetitive frequency)	6001-1254-27xx ISO 7637-3	SO
EMC.I.39		Electric transient transmission along supply lines Immunity 150 V 10 kHz RF (repetitive frequency)	6001-1254-27xx ISO 7637-2	SO

Temperature & Humidity Testing

1	Electronic and/or electric apparatus and subassemblies and parts	Environmental testing: Cold (≥ -50 °C)	6001-1252-83xx EN-IEC 60068-2-1 ISO16750-4 5.1.1	SO
2		Environmental testing: Dry heat (≤ 120 °C)	6001-1252-83xx EN-IEC 60068-2-2 ISO16750-4 5.1.2	SO
3		Environmental testing: Temperature performance (≤ 120 °C)	6001-1252-83xx EN-IEC 60068-2-2	SO
4		Incremental temperature test (≥ -50 °C ≤ 120 °C)	6001-1252-83xx ISO 16750-4 5.2	SO
5		Repainting temperature test (≥ 110 °C ≤ 130 °C)	6001-1252-83xx	SO
6		Change of temperature test (≥ -50 °C ≤ 120 °C ≤ 30 s)	6001-1252-83xx EN-IEC 60068-2-14 (Na) ISO 16750-4 5.3	SO
7		Change of temperature test (≥ -50 °C ≤ 105 °C ≤ 15 °C/min)	6001-1252-83xx EN-IEC 60068-2-14 (Nb)	SO

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8	Electronic and/or electric apparatus and subassemblies and parts	Environmental testing: Damp heat cyclic ($\leq 55\text{ °C} \geq 95\text{ \%RH}$)	6001-1252-83xx EN-IEC 60068-2-30 ISO16750-4 5.6.2.2	SO
9		Environmental testing: Composite temperature/humidity cyclic (with frost) ($\geq -10\text{ °C} \leq 65\text{ °C}, \geq 80\text{ \%RH} \leq 96\text{ \%RH}$)	6001-1252-83xx EN-IEC 60068-2-38 ISO16750-4 5.6.2.3	SO
10		Environmental testing: Damp heat steady state ($\leq 40\text{ °C} \geq 95\text{ \%RH}$)	6001-1252-83xx EN-IEC 60068-2-78 ISO16750-4 5.7	SO

Ingress Protection Testing

11	Electronic and/or electric apparatus and subassemblies and parts	Verification of the degrees of protection provided by enclosure for the following IP codes: IP0x, IP1x, IP2x, IP3x, IP4x, IP5x, IP5Kx, IP6x, IP6Kx IPx0, IPx1, IPx2, IPx3, IPx4, IPx4K, IPx5, IPx6, IPx6K, IPx7, IPx8, IPx9, IPx9k, IPxxA, IPxxB, IPxxC, IPxxD	6001-1252-81xx IEC 60529 ISO 20653	SO
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Mechanical Testing

12	Electronic and/or electric apparatus and subassemblies and parts	Determining the ability to withstand sinusoidal vibrations; Sinusoidal (Sine) Vibration	6001-1252-82xx IEC 60068-2-6	SO
13		Determining the ability to withstand random vibrations; Broad-band Random Vibration, including Sine on Random – Random on Random – Sine Random on Random	6001-1252-82xx IEC 60068-2-64	SO
14		Determining the ability to withstand non-repetitive or repetitive shocks; Mechanical Shock	6001-1252-82xx IEC 60068-2-27	SO

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**Product standards containing one or more of the above mentioned test activities are listed below.
 Accreditation is only applicable to the tests mentioned above.**

No.	Material or product	Activity reference number	Product Standard	Location
EMC.S.02	Automotive			
	Electronic and/or electric apparatus and subassemblies and parts	EMC.I.21, EMC.I.27, EMC.I.39	6001-1252-84xx UN ECE Regulation 10	SO
EMC.S.03	Electronic and electrical equipment			
	Electronic and/or electric apparatus and subassemblies and parts	EMC.E.01, EMC.E.02, EMC.E.03, EMC.E.14, EMC.E.15 EMC.I.01, EMC.I.12, EMC.I.21, EMC.I.22, EMC.I.23, EMC.I.24, EMC.I.26	EN-IEC 61000-6-1 EN-IEC 61000-6-2 EN-IEC 61000-6-3 EN-IEC 61000-6-4 EN-IEC 61000-6-7 EN 55011, CISPR 11 EN 55032, CISPR 32 EN 55035, CISPR 35 EN-IEC 60601-1-2 EN-IEC 61326-1 EN-IEC 61326-2-6 EN-IEC 61851-21-2 EN 12015 EN 12016 EN-IEC 61800-3 IEC 60533 ETSI EN 301 489-1	SO