

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: **30-04-2024** to **01-03-2027**

Replaces annex dated: **20-04-2023**

**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 <sup>1</sup>	Internal reference number	Location
<b>EMC.E</b>	<b>Electromagnetic Compatibility Emission (EMC) - Emission</b>			
<b>EMC.E.01</b>	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
<b>EMC.E.02</b>		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

<sup>1</sup> 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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<b>EMC.E.03</b>	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
<b>EMC.E.14</b>		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
<b>EMC.E.15</b>		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 (Discontinuous disturbance not included)	SO
<b>EMC.I</b>	<b>Electromagnetic Compatibility Immunity (EMC)</b>			
<b>EMC.I.01</b>	Electronic and/or electric apparatus and sub-assemblies	Conducted RF Immunity Electromagnetic 10 Vrms 150 kHz to 80 MHz	6001-1347-45xx, EN-IEC 61000-4-6	SO
<b>EMC.I.12</b>		Radiated Immunity Electric Field 80 MHz - 6 GHz: 10 V/m	6001-1347-45xx, EN-IEC 61000-4-3	SO
<b>EMC.I.21</b>		Electrostatic discharge Immunity (ESD) Contact discharge 0 - 30 kV Air discharge 0 – 30 kV	6001-1347-45xx, EN-IEC 61000-4-2	SO
<b>EMC.I.22</b>		Electrical fast transient / burst Immunity (EFT) 1 phase / 3 phase / other lines 0.25 - 6 kV	6001-1347-45xx, EN-IEC 61000-4-4	SO
<b>EMC.I.23</b>		Surge Immunity 1 phase / 3 phase / other lines 0.5 - 6 kV	6001-1347-45xx, EN-IEC 61000-4-5	SO

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<b>EMC.I.24</b>	Electronic and/or electric apparatus and sub-assemblies	Power frequency magnetic field Immunity 50/60 Hz 1 – 140 A/m	6001-1347-45xx, EN-IEC 61000-4-8	SO
<b>EMC.I.26</b>		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**

<b>EMC.I.21</b>	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
<b>EMC.I.27</b>	Electronic and/or electric apparatus and sub-assemblies	Electric transient transmission via lines other than supply lines Immunity 150 V 10 kHz RF (repetitive frequency)	6001-1254-27xx ISO 7637-3	SO
<b>EMC.I.39</b>		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 ( $\geq -50$ °C)	6001-1252-83xx EN-IEC 60068-2-1, VW80000 K01, VW80000 K03, ISO16750-4 5.1.1	SO
2		Environmental testing: Dry heat ( $\leq 120$ °C)	6001-1252-83xx EN-IEC 60068-2-2, VW80000 K01, ISO16750-4 5.1.2	SO
3		Environmental testing: Temperature performance ( $\leq 120$ °C)	6001-1252-83xx EN-IEC 60068-2-2	SO
4		Incremental temperature test ( $\geq -50$ °C $\leq 120$ °C)	6001-1252-83xx VW80000 K02, ISO16750-4 5.2	SO
5		Repainting temperature test ( $\geq 110$ °C $\leq 130$ °C)	6001-1252-83xx VW80000 K04	SO

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6		Change of temperature test ( $\geq -50\text{ °C} \leq 120\text{ °C} \leq 30\text{ s}$ )	6001-1252-83xx EN-IEC 60068-2-14 (Na), VW80000 L03, ISO16750-4 5.3	SO
7		Change of temperature test ( $\geq -50\text{ °C} \leq 105\text{ °C} \leq 15\text{ °C/min}$ )	6001-1252-83xx EN-IEC 60068-2-14 (Nb), VW80000 L03	SO
8		Environmental testing:  Damp heat cyclic ( $\leq 55\text{ °C} \geq 95\text{ %RH}$ )	6001-1252-83xx EN-IEC 60068-2-30, VW80000 K08, ISO16750-4 5.6.2.2	SO
9	Electronic and/or electric apparatus and subassemblies and parts	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, VW80000 K09, 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, VW80000 K14, ISO16750-4 5.7	SO

**Ingress Protection Testing**

11	Electronic and/or electric apparatus and subassemblies and parts	Degrees of protection provided by enclosure for the following IP codes:  IP0x, IP1x, IP2x, IP3x, IP4x, IPx0, IPxxA, IPxxB, IPxxC, IPxxD	6001-1252-81xx IEC 60529, ISO 20653	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
<b>EMC.S.02</b>	<b>Automotive</b>			
	Electronic and/or electric apparatus and subassemblies and parts	EMC.I.21, EMC.I.27, EMC.I.39	6001-1252-84xx TL81000 UN ECE Regulation 10	SO

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<b>EMC.S.03</b>	<b>Electronic and electrical equipment</b>			
	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 EN 50121-1 EN 50121-4 EN 50121-3-2 EN 50124-4 EN 50412-2-1 EN-IEC 61547	SO