

Annex to declaration of accreditation (scope of accreditation)
 Normative document: EN ISO/IEC 17025:2017
 Registration number: **L 240**

of **Thales Nederland B.V.**
Environmental Competence Centre

This annex is valid from: **01-07-2020** to **01-06-2023**

Replaces annex dated: **03-06-2020**

Location(s) where activities are performed under accreditation

Head Office

Zuidelijke Havenweg 40
 7554 RR
 Hengelo
 The Netherlands

Location	Abbreviation/ location code
Zuidelijke Havenweg 40 7554 RR Hengelo The Netherlands	HE

No.	Material or product	Type of activity ¹	Internal reference number	Location
EMC.E	Electromagnetic Compatibility Emission			
EMC.E.02	Electric and electronic equipment	Conducted Emissions Voltage method (AMN) 150 kHz - 30 MHz	EN 55011, CISPR11 EN 55022, CISPR 22 EN 55016-2-1, CISPR 16-2-1	HE
EMC.E.04		Conducted Emissions Voltage method (voltage probe) 150 kHz - 30 MHz	EN 55011, CISPR 11 EN 55022, CISPR 22 EN 55016-2-1, CISPR 16-2-1	HE
EMC.E.05		Conducted Emissions Current method (current probe) 150 kHz - 30 MHz	EN 55011, CISPR 11 EN 55022, CISPR 22 EN 55016-2-1, CISPR 16-2-1	HE

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

J.A.W.M. de Haas

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.

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No.	Material or product	Type of activity ¹	Internal reference number	Location
EMC.E.11	Electric and electronic equipment	Conducted Emissions On power leads 30 Hz - 10 kHz	MIL-STD-461, CE101	HE
EMC.E.11		Conducted Emissions On power leads 10 kHz - 10 MHz	MIL-STD-461, CE102	HE
EMC.E.14		Radiated Emissions Full Anechoic Chamber Method (FACM) 30 MHz - 18 GHz	EN 55011, CISPR 11 EN 55022, CISPR 22 EN 55016-2-3, CISPR 16-2-3	HE
EMC.E.15		Radiated Emissions Semi-anechoic chamber (SACM) 30 MHz - 18 GHz	EN 55011, CISPR 11 EN 55022, CISPR 22 EN 55016-2-3, CISPR 16-2-3	HE
EMC.E.16		Radiated Emissions Open-area test site (OATS) 30 MHz - 18 GHz	EN 55011, CISPR 11 EN 55022, CISPR 22 EN 55016-2-3 CISPR 16-2-3	HE
EMC.E.20		Radiated Emissions 60 cm loop method 150 kHz - 30 MHz	EN 55011, CISPR 11 EN 55016-2-3, CISPR 16-2-3	HE
EMC.E.21		Radiated Emissions Electric field 10 kHz - 18 GHz	MIL-STD-461, RE102	HE
EMC.E.22		Radiated Emissions Magnetic field 30 Hz - 100 kHz	MIL-STD-461, RE101	HE
EMC.E.26		Harmonic current Emissions (Up to and including 16A per phase) 1 / 3 phase + N + GND	EN-IEC 61000-3-2	HE
EMC.E.27		Voltage changes, voltage fluctuations and flicker Emissions (Up to and including 16A per phase) 1 / 3 phase + N + GND	EN-IEC 61000-3-3	HE

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No.	Material or product	Type of activity ¹	Internal reference number	Location
EMC.I	Electromagnetic Compatibility Immunity/ Susceptability (EMI)			
EMC.I.02	Electric and electronic equipment	Conducted RF Immunity Bulk Current Injection method 37 – 114 μ A 4 kHz – 200 MHz	MIL-STD-461, CS114	HE
EMC.I.05		Conducted Susceptibility Audio frequency, power leads Up to 136 μ V 30 Hz - 150 kHz	MIL-STD-461, CS101	HE
EMC.I.06		Conducted susceptibility Audio frequency induced coupling Limit level: 5 A Pulse repetition rate: 30 Hz	MIL-STD-461, CS115	HE
EMC.I.07		Immunity to conducted disturbances Induced by radio-frequency fields 1 - 10 V 150 kHz - 80 MHz	EN-IEC 61000-4-6	HE
EMC.I.12		Radiated Immunity Electric field 1 – 50 V/m 80 MHz - 6 GHz	EN-IEC 61000-4-3	HE
EMC.I.12		Radiated Immunity Electric Field 5 – 200 V/m 2 MHz - 18 GHz	MIL-STD-461, RS103	HE
EMC.I.13		Radiated Immunity Magnetic field 30 Hz - 100 kHz	MIL-STD-461, RS101	HE
EMC.I.21		Electrostatic discharge Immunity (ESD) Contact discharge: ± 2 to ± 8 kV Air discharge: ± 2 to ± 15 kV	EN-IEC 61000-4-2 MIL-STD-461, CS118	HE
EMC.I.22		Electrical fast transient / burst Immunity (EFT) 0.5 – 4 kV	EN-IEC 61000-4-4	HE

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No.	Material or product	Type of activity ¹	Internal reference number	Location
EMC.I.23	Electric and electronic equipment	Surge Immunity 0.5 – 2 kV	EN-IEC 61000-4-5	HE
EMC.I.24		Power frequency magnetic field Immunity 1 – 100 A/m 50 / 60 Hz	EN-IEC 61000-4-8	HE
EMC.I.26		Voltage dips, short interruptions and voltage variations Immunity 1 / 3 phase + N + GND 0 – 360 ° phase angles	EN-IEC 61000-4-11	HE
EMC.I.39		Electric transient transmission along supply lines Immunity Up to 10 A 10 kHz – 100 MHz	MIL-STD-461, CS116	HE

Shock and Vibration Test

1	Electric and electronic equipment	Vibration (Sinusoidal)	IEC 60068 - Publication 2-6	HE
2		Vibration (Broad-band Random)	IEC 60068 - Publication 2-64	HE
3		Shock	IEC 60068 - Publication 2-27	HE

Climate and Temperature testing

4	Electric and electronic equipment	Exposure of (non) heat-dissipating specimens to calibrated and controlled low temperature conditions	IEC-60068 – Publication 2-1	HE
5		Exposure of (non) heat-dissipating specimens to calibrated and controlled high temperature conditions	IEC-60068 Publication 2-2	HE
6		Exposure of (non) heat-dissipating specimens to calibrated and controlled alternating temperature conditions	IEC-60068 – Publication 2-14	HE
7		Exposure of (non) heat-dissipating specimens to calibrated and controlled alternating temperature and alternating humidity conditions	IEC-60068 – Publication 2-30	HE

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No.	Material or product	Type of activity¹	Internal reference number	Location
8	Electric and electronic equipment	Exposure of (non) heat-dissipating specimens to calibrated and controlled temperature and humidity conditions	IEC-60068 – Publication 2-78	HE