



# National Association of Testing Authorities, Australia

## SCOPE OF ACCREDITATION

**EMC Bayswater Pty Ltd**

**EMC BAYSWATER PTY LTD**

| Accreditation Number: 18553 | Site Number: 20485 |

**Date of Accreditation: 09/05/2011**

**Address Details:**

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CROYDON SOUTH, VIC 3136  
AUSTRALIA

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**Availability:** Services available to external clients

**Note:** Not all of the columns of the scope of accreditation displayed include data.

The only data displayed is that deemed relevant and necessary for the clear description of the activities and services covered by the scope of accreditation.

Grey text appearing in a SoA is additional freetext providing further refinement or information on the data in the preceding line entry.

**ISO/IEC 17025 (2017)**  
**Manufactured Goods**

SERVICE	PRODUCT	DETERMINANT	TECHNIQUE	PROCEDURE	LIMITATION/RANGE
Assessment of emissions and immunity - EMC emission standards	Vehicles, boats and internal combustion engine driven equipment	Conducted emissions; Conducted interference; Radiated emissions; Radiated interference;	Not applicable	AS/NZS CISPR 12 ; CISPR 12 ; EN 55012 ; EN 55025	excluding insertion loss of ignition noise suppressors
	Industrial, scientific and medical (ISM) radio-frequency equipment	Conducted emissions; Conducted interference; Radiated emissions; Radiated interference;	Not applicable	AS/NZSCISPR 11 ; CISPR 11 ; EN 55011 ; ICES-001 ; CAN/CSA-CEI/IEC CISPR 11	excluding measurements below 9 kHz
		Conducted emissions; Conducted interference; Radiated emissions; Radiated interference;	Not applicable	AS/NZS CISPR 25 and CISPR 25	



# National Association of Testing Authorities, Australia

## SCOPE OF ACCREDITATION

	Residential, commercial and light industrial environments	Conducted emissions; Conducted interference; Mains harmonics and flicker; Radiated emissions; Radiated interference;	Not applicable	AS/NZS 61000.6.3 ; EN 61000-6-3 ; IEC 61000-6-3 ; BS EN 50491-5-2 ;	
	Medical electrical equipment	Conducted emissions; Conducted interference; Radiated emissions; Radiated interference;	Not applicable	IEC 60601-1-2 ; EN 60601-1-2	
	Aerospace and military grade equipment	Conducted emissions; Conducted interference; Radiated emissions; Radiated interference;	Not applicable	MIL-STD-461D, E and F methods CE101, CE102, RE101 and RE102	
	Electrical equipment for measurement, control and laboratory use	Conducted emissions; Conducted interference;	Not applicable	AS/NZS CISPR 11; CISPR 11; EN 55011	excluding measurements below 9 kHz
		Conducted emissions; Conducted interference; Mains harmonics and flicker; Radiated emissions; Radiated interference;	Not applicable	IEC 61326-1; EN 61326-1	
	Information technology equipment	Conducted emissions; Conducted interference; Radiated emissions; Radiated interference;	Not applicable	AS/NZS CISPR 22 ; CISPR 22 ; EN 55022 ; ICES-003 ; CAN/CSA-CEI/IEC CISPR 22	
	Information technology equipment; Multimedia equipment;	Conducted emissions; Conducted interference; Radiated emissions; Radiated interference;	Not applicable	AS/NZS CISPR 32, CISPR 32 and EN 55032	



## National Association of Testing Authorities, Australia

### SCOPE OF ACCREDITATION

	Electrical apparatus for the detection and measurement of combustible gases, toxic gases or oxygen	Conducted emissions; Conducted interference; Mains harmonics and flicker; Radiated emissions; Radiated interference;	Not applicable	EN 50270	
	Electrical lighting and similar equipment	Conducted emissions; Conducted interference; Radiated emissions; Radiated interference;	Not applicable	AS/NZS CISPR 15, CISPR 15 and EN 55015	
	Sound and television broadcast receivers and associated equipment	Conducted emissions; Conducted interference; Radiated emissions; Radiated interference;	Not applicable	AS/NZS CISPR 13, CISPR 13 and EN 55013	
	Railway electronic equipment used on rolling stock; Rolling stock - Train and complete vehicle;	Conducted emissions; Conducted interference; Radiated emissions; Radiated interference;	Not applicable	EN 50121-3-2 EN 50155 clause 5.4 and 5.5 [referencing clause 12.2.7 and 12.2.8]	
	Audio, video, audio-visual and entertainment lighting control apparatus for professional use	Conducted emissions; Conducted interference; Mains harmonics and flicker; Radiated emissions; Radiated interference;	Not applicable	EN 55103-1	Excluding testing of harmonics and flicker with products >16 Amps mains supply
	Road traffic signal systems and devices	Conducted emissions; Conducted interference; Mains harmonics and flicker; Radiated emissions; Radiated interference;	Not applicable	EN 50293 EN 50556 clause 6.7	
	Electrical and electronic products	Mains harmonics and flicker	Not applicable	AS/NZS 61000.3.2 ; EN 61000-3-2 ; AS/NZS 61000.3.3 ;	



# National Association of Testing Authorities, Australia

## SCOPE OF ACCREDITATION

				EN 61000-3-3	
	Electrical and electronic products; Information technology equipment;	Conducted emissions; Conducted interference; Radiated emissions; Radiated interference;	Not applicable	ANSI C63.4: 2014 for unintentional emitters ; ANSI C63.10: 2013 for intentional radiators ; Unintentional Radiators described in FCC Part 15, Subpart B using ANSI C63.4-2014 ; Intentional radiators described in FCC part 15, Subpart C using ANSI C63.4-2014 and ANSI C63.10-2013 ; KDB Guidelines : KDB 789033 D02, KDB 558074 D01, and KDB 905462 ; ICES-003 ; RSS-210 ; RSS-247 ; RSS-GEN	Frequency range of 9 kHz to 40 GHz
			Radiated Measurements conducted at 3 metre iOATS Semi Anechoic Chamber Croydon South		
	Electrical and electronic products; Power tools - Electric;	Conducted emissions; Conducted interference; Radiated emissions; Radiated interference;	Not applicable	AS/NZS CISPR 14-1, CISPR 14-1 and EN 55014-1	
	Machine tools	Conducted emissions; Conducted interference; Radiated emissions; Radiated interference;	Not applicable	AS/NZS CISPR 11, CISPR 11, EN 55011	excluding measurements below 9 kHz
	Railway vehicles and equipment including railway signalling and telecommunications equipment	Conducted emissions; Conducted interference; Mains harmonics and flicker; Radiated emissions; Radiated interference;	Not applicable	EN 50121-4	



# National Association of Testing Authorities, Australia

## SCOPE OF ACCREDITATION

	In-vitro diagnostic (IVD) medical equipment	Conducted emissions; Conducted interference; Mains harmonics and flicker; Radiated emissions; Radiated interference;	Not applicable	IEC 61326-2-6; EN 61326-2-6	
	Industrial environments	Conducted emissions; Conducted interference; Mains harmonics and flicker; Radiated emissions; Radiated interference;	Not applicable	AS/NZS 4251.1 ; AS/NZS 4251.2 ; AS/NZS 61000.6.4 ; EN 61000-6-4 ; IEC 61000-6-4	
	Radio equipment	Conducted and radiated emissions; Conducted emissions; Radiated emissions; Radiated interference;	Not applicable	ETSI EN 300 328	all tests applicable to transmitters with output power of less than and including 10 dBm EIRP
		Conducted emissions; Conducted interference; Radiated emissions; Radiated interference;	Not applicable	AS/NZS 4268	in the frequency range 9 kHz to 26.5 GHz
		Conducted emissions; Conducted interference; Mains harmonics and flicker; Radiated emissions; Radiated interference;	Not applicable	ETSI EN 301 489-1	
		Conducted emissions; Conducted interference; Radiated emissions; Radiated interference;	Not applicable	AS/NZS 4268	
	Shielded enclosures	Attenuation performance	Not applicable	MIL-STD-285 IEEE Std 299	



# National Association of Testing Authorities, Australia

## SCOPE OF ACCREDITATION

Assessment of emissions and immunity - EMC immunity standards	Gaming machines	Conducted disturbance; Electrical fast transient; Electrostatic discharge; Power frequency magnetic field; Pulsed magnetic field; Radiated radio-frequency; Surge immunity; Voltage fluctuations; Voltage short dips and interruptions;	Not applicable	AS/NZS GMNS clauses 2.3.52 to 2.3.59	
	Residential, commercial and light industrial environments	Conducted disturbance; Electrical fast transient; Electrostatic discharge; Power frequency magnetic field; Pulsed magnetic field; Radiated radio-frequency; Surge immunity; Voltage fluctuations; Voltage short dips and interruptions;	Not applicable	EN 61000-6-1 ; AS/NZS 61000.6.1 ; IEC 61000-6-1 ; EN 50491-5-2	
	Medical electrical equipment	Conducted disturbance; Electrical fast transient; Electrostatic discharge; Power frequency magnetic field; Pulsed magnetic field; Radiated radio-frequency; Surge immunity; Voltage fluctuations; Voltage short dips and interruptions;	Not applicable	IEC 60601-1-2, EN 60601-1-2	
	Aerospace and military grade equipment	Conducted disturbance; Electrical fast transient; Electrostatic discharge; Power frequency magnetic field;	Not applicable	MIL-STD-461 D, E and F methods CS 101, CS 106, CS 109, CS 114, RS 101 and RS 103	



# National Association of Testing Authorities, Australia

## SCOPE OF ACCREDITATION

		Pulsed magnetic field; Radiated radio-frequency; Surge immunity; Voltage fluctuations; Voltage short dips and interruptions;			
	Electrical equipment for measurement, control and laboratory use	Conducted disturbance; Conducted susceptibility; Electrical fast transient; Electrostatic discharge; Induced signal susceptibility; Power frequency magnetic field; Radiated radio-frequency; Surge immunity; Voltage fluctuations; Voltage short dips and interruptions;	Not applicable	EN 50270	
		Conducted disturbance; Electrical fast transient; Electrostatic discharge; Power frequency magnetic field; Pulsed magnetic field; Radiated radio-frequency; Surge immunity; Voltage fluctuations; Voltage short dips and interruptions;	Not applicable	EN 61326-1; IEC 61326-1	
	Information technology equipment	Conducted disturbance; Electrical fast transient; Electrostatic discharge; Power frequency magnetic field; Pulsed magnetic field; Radiated radio-frequency; Surge immunity; Voltage	Not applicable	AS/NZS CISPR 24; CISPR 24; EN 55024	



## National Association of Testing Authorities, Australia

### SCOPE OF ACCREDITATION

		fluctuations; Voltage short dips and interruptions;			
	Information technology equipment; Multimedia equipment;	Conducted disturbance; Electrical fast transient; Electrostatic discharge; Power frequency magnetic field; Pulsed magnetic field; Radiated radio-frequency; Surge immunity; Voltage fluctuations; Voltage short dips and interruptions;	Not applicable	CISPR 35; EN 55035	Excluding Broadband impulsive conducted disturbances test
	Electrical apparatus for the detection and measurement of combustible gases, toxic gases or oxygen	Conducted disturbance; Electrical fast transient; Electrostatic discharge; Power frequency magnetic field; Pulsed magnetic field; Radiated radio-frequency; Surge immunity; Voltage fluctuations; Voltage short dips and interruptions;	Not applicable	EN 50270	
	Electrical relays; Measuring relays and protection equipment;	Conducted disturbance; Electrical fast transient; Electrostatic discharge; Power frequency magnetic field; Pulsed magnetic field; Radiated radio-frequency; Surge immunity; Voltage fluctuations; Voltage short dips and interruptions;	Not applicable	IEC 60225-22-6	
	Electrical lighting and similar equipment	Conducted disturbance; Electrical fast transient;	Not applicable	EN 61547	





## National Association of Testing Authorities, Australia

### SCOPE OF ACCREDITATION

		Electrostatic discharge; Pulsed magnetic field; Radiated radio-frequency; Surge immunity; Voltage fluctuations; Voltage short dips and interruptions;			
		Conducted disturbance; Conducted susceptibility; Electrical fast transient; Electrostatic discharge; Induced signal susceptibility; Magnetic effects; Radiated radio-frequency; Radiated susceptibility; Surge immunity;	Not applicable	EN 55103-2	
	Railway electronic equipment used on rolling stock	Conducted disturbance; Electrical fast transient; Electrostatic discharge; Power frequency magnetic field; Pulsed magnetic field; Radiated radio-frequency; Surge immunity; Voltage fluctuations; Voltage short dips and interruptions;	Not applicable	EN 50155 Clause 5.4 and 5.5 [referencing clause 12.2.7 and 12.2.8]	
	Railway electronic equipment used on rolling stock; Rolling stock - Train and complete vehicle;	Conducted disturbance; Electrical fast transient; Electrostatic discharge; Power frequency magnetic field; Pulsed magnetic field; Radiated radio-frequency; Surge immunity; Voltage fluctuations; Voltage short	Not applicable	EN 50121-3-2	



## National Association of Testing Authorities, Australia

### SCOPE OF ACCREDITATION

		dips and interruptions;			
	Audio, video, audio-visual and entertainment lighting control apparatus for professional use	Conducted disturbance; Electrical fast transient; Electrostatic discharge; Power frequency magnetic field; Pulsed magnetic field; Radiated radio-frequency; Surge immunity; Voltage fluctuations; Voltage short dips and interruptions;	Not applicable	EN 55103-2	
	Road traffic signal systems and devices	Conducted disturbance; Electrical fast transient; Electrostatic discharge; Power frequency magnetic field; Pulsed magnetic field; Surge immunity; Voltage short dips and interruptions; Voltage spikes;	Not applicable	EN 50293 EN 50556 clause 6.7	
		Conducted disturbance; Conducted susceptibility; Electrical fast transient; Electrostatic discharge; Induced signal susceptibility; Magnetic effects; Radiated radio-frequency; Radiated susceptibility; Surge immunity;	Not applicable	EN 50293 EN 50556 clause 6.7	
	Electrical and electronic products	Pulsed magnetic field	Not applicable	EN 61000-4-9 ; IEC 61000-4-9 ; AS/NZS 61000.4.9 ;	
		Radiated radio-frequency	Not applicable	IEC 61000-4-3 ; EN 61000-4-3 ; AS/NZS 61000.4.3	



# National Association of Testing Authorities, Australia

## SCOPE OF ACCREDITATION

		Electrical fast transient	Not applicable	EN 61000-4-4 ; IEC 61000-4-4 ; AS/NZS 61000.4.4 ; IEC 60335-1 Section 19.11.4.3	
		Power frequency magnetic field	Not applicable	EN 61000-4-8 ; IEC 61000-4-8 ; AS/NZS 61000.4.8	
		Electrostatic discharge	Not applicable	EN 61000-4-2 ; IEC 61000-4-2 ; AS/NZS 61000.4.2 ; IEC 60335-1 Section 19.11.4.1	
		Conducted disturbance; Induced signal susceptibility;	Not applicable	EN 61000-4-6 ; IEC 61000-4-6 ; AS/NZS 61000.4.6 ; IEC 60335-1 Section 19.11.4.5	
		Voltage fluctuations; Voltage short dips and interruptions;	Not applicable	EN 61000-4-11 ; IEC 61000-4-11 ; AS/NZS 61000.4.11 ; IEC 60335-1 Section 19.11.4.6	For appliances having a rated current not exceeding 16 A
		Surge immunity	Not applicable	EN 61000-4-5 ; IEC 61000-4-5 ; AS/NZS 61000.4.5 ; IEC 60335-1 Section 19.11.4.4	
	Electrical and electronic products; Information technology equipment; Radio equipment; Telecommunication network equipment;	Radiated radio-frequency	Not applicable	IEC 61000-4-3; EN 61000-4-3 ; AS/NZS 61000.4.3 ; IEC 60335-1 Section 19.11.4.2	
	Electrical and electronic products; Power tools - Electric;	Conducted disturbance; Electrical fast transient; Electrostatic discharge; Power frequency magnetic field; Pulsed magnetic field; Surge immunity; Voltage fluctuations; Voltage short dips and interruptions;	Not applicable	EN 55014-2; AS/NZS CISPR 14-2, CISPR 14-2	
	Machine tools	Conducted disturbance; Conducted susceptibility;	Not applicable	EN 50370-2	



# National Association of Testing Authorities, Australia

## SCOPE OF ACCREDITATION

		Electrical fast transient; Electrostatic discharge; Induced signal susceptibility; Magnetic effects; Radiated radio-frequency; Radiated susceptibility; Surge immunity;			
		Conducted disturbance; Electrical fast transient; Electrostatic discharge; Power frequency magnetic field; Pulsed magnetic field; Radiated radio-frequency; Voltage fluctuations; Voltage short dips and interruptions;	Not applicable	EN 50370-2	
	Railway vehicles and equipment including railway signalling and telecommunications equipment	Conducted disturbance; Electrical fast transient; Electrostatic discharge; Power frequency magnetic field; Pulsed magnetic field; Radiated radio-frequency; Surge immunity; Voltage fluctuations; Voltage short dips and interruptions;	Not applicable	EN 50121-4	
		Conducted disturbance; Conducted susceptibility; Electrical fast transient; Electrostatic discharge; Induced signal susceptibility; Radiated susceptibility;	Not applicable	EN 50121-3-2 EN 50121-4 EN 50155 clause 5.4 and 5.5 [referencing clause 12.2.7 & 12.2.8]	



# National Association of Testing Authorities, Australia

## SCOPE OF ACCREDITATION

	In-vitro diagnostic (IVD) medical equipment	Conducted disturbance; Electrical fast transient; Electrostatic discharge; Power frequency magnetic field; Radiated radio-frequency; Surge immunity; Voltage fluctuations; Voltage short dips and interruptions;	Not applicable	EN 61326-2-6; EN 61326-2-6	
	Industrial environments	Conducted disturbance; Electrical fast transient; Electrostatic discharge; Power frequency magnetic field; Pulsed magnetic field; Radiated radio-frequency; Surge immunity; Voltage fluctuations; Voltage short dips and interruptions;	Not applicable	EN 61000-6-2, AS/NZS 61000.6.2, IEC 61000-6-2	
	Radio equipment	Conducted disturbance; Electrical fast transient; Electrostatic discharge; Power frequency magnetic field; Radiated radio-frequency; Surge immunity; Voltage fluctuations; Voltage short dips and interruptions;	Not applicable	ETSI EN 301 489-1	
	Components of fire, intruder and social alarm systems	Conducted disturbance; Electrical fast transient; Electrostatic discharge; Power frequency magnetic field; Pulsed magnetic field; Radiated	Not applicable	EN 50130-4	



# National Association of Testing Authorities, Australia

## SCOPE OF ACCREDITATION

		radio-frequency; Surge immunity; Voltage fluctuations; Voltage short dips and interruptions;			
		Conducted disturbance; Conducted susceptibility; Electrical fast transient; Electrostatic discharge; Magnetic effects; Radiated radio-frequency; Radiated susceptibility; Surge immunity;	Not applicable	EN 50130-4 [excluding testing using EN 61000-4-20 methodology]	Excluding testing using EN 61000-4-20 methodology
Assessment of emissions and immunity - Non-ionising radiation strength and hazard assessment	Antennas; Broadcast and telecommunication equipment installations; Hand held and wireless communication devices;	Broadband measurements of E-fields; Broadband measurements of H-fields; Measurement of electromagnetic fields; Narrowband measurements of E-fields; Narrowband measurements of H-fields; Radiated field strength measurements;	Not applicable	Canadian Standard RSS-102 (RF Exposure Evaluation and Nerve Stimulation - for external fields only, excluding SAR measurements)	

| Accreditation Number: 18553 | Site Number: 20485 | Printed on : 04-Apr-2021

----- END OF SCOPE -----