

ACMA mandated EMC standards

Part 1 Generic standards							
1	2	3	4	7	8	9	10
Item No.	Applicable Standard	Full Title of Standard	Publication Date	Brief description of equipment type	Standard being replaced	Expiry Date of replaced standard	Remarks
G1	AS/NZS 61000.6.3: 2012	Electromagnetic compatibility (EMC) – Part 6.3: Generic standards – Emission standard for residential, commercial and light-industrial environments	30/04/2012	Equipment intended for use in a residential, commercial, or light industrial environment that is not covered by one of the product family standards	AS/NZS 61000.6.3: 2007	14/10/2015	Harmonics and flicker not required
	AS/NZS 61000.6.3: 2007		31/05/2007				
	EN 61000-6-3:2007 + A1:2011		2007				
	EN 61000-6-3:2007 +A1:2011/AC:2012		22/07/2014				
	IEC 61000-6-3:2011 (Ed 2.1)		17/02/2011				
G2	AS/NZS 61000.6.4: 2012	Electromagnetic compatibility (EMC) – Part 6.4: Generic standards – Emission standard for industrial environments	09/05/2012	All equipment intended for use in an industrial environment that is not covered by one of the product family standards			Harmonics and Flicker not required
	EN 61000-6-4:2007 +A1:2011 (Ed 2.1)		2011				
	IEC 61000-6-4:2011 (Ed 2.1)		23/02/2011				

ACMA mandated EMC standards

Part 2 – Product Family and Equipment Standards							
1	2	3	4	7	8	9	10
Serial	Applicable Standard	Title of Standard	Publication Date	Brief description of equipment to which standard should apply	Standard being replaced	Expiry Date of replaced standard	Remarks
1	EN 50083-2:2012	Cabled networks for television signals and interactive services - Part 2: Electromagnetic Compatibility for Equipment	01/3/2012	Cable networks for television signals, sound signals and interactive services			
2	IEC 60728-2:2002	Cabled distribution systems for television and sound signals- Part 2: Electromagnetic Compatibility for Equipment	22/10/2002	Cabled distribution systems for television and sound signals			
3	AS/NZS CISPR 11:2011	Industrial scientific and medical (ISM) radio-frequency equipment – Electromagnetic disturbance characteristics – Limits and methods of measurement	30/11/2010 (AU) 10/12/2010 (NZ)	Industrial scientific and medical (ISM) radio-frequency equipment			The 900 ISM band for Australia is 915-928 MHz, not 902-928 MHz as shown in the standard. 900 MHz ISM devices operating outside 915-928 MHz cannot be used in Australia.
	CISPR 11:2010 (CISPR 11:2009 + A1:2010 Edition 5.1)		19/05/2010				
	EN 55011:2009 +A1:2010		01/07/2010				
4	AS/NZS CISPR 12:2013	Vehicles, boats and internal combustion engine driven devices – Radio disturbance characteristics – Limits and methods of measurement for the protection of receivers except those installed in the vehicle/boat/device itself or in adjacent vehicles/boats/devices	20/06/2013	Land based vehicles (including electric powered vehicles), boats and devices with internal combustion engines	AS/NZS CISPR 12:2009	20/06/2015	
	AS/NZS CISPR 12:2009		22/06/2009				
	EN 55012:2007+A1:2009		2009				
	CISPR 12:2009 (Ed 6.1)		10/03/2009				

ACMA mandated EMC standards

Part 2 – Product Family and Equipment Standards							
1	2	3	4	7	8	9	10
Serial	Applicable Standard	Title of Standard	Publication Date	Brief description of equipment to which standard should apply	Standard being replaced	Expiry Date of replaced standard	Remarks
5	AS/NZS CISPR 13:2012	Sound and television broadcast receivers and associated equipment – Radio disturbance characteristics – Limits and methods of measurement	27/06/2012	Sound and television broadcast receivers, set top boxes, radio receivers, satellite receivers, analog and digital, DVD players, Video recorders, CD players, audio amplifiers, surround sound equipment			Compliance for equipment to CISPR 13 can be met through compliance with CISPR 32
	EN 55013:2001+A1:2003 +A2:2006						
	EN 55013:2013		22/07/2014		EN 55013:2001 and its amendments	22/07/2016	
	CISPR 13:2009 (Ed 5)		29/06/2009				
6	AS/NZS CISPR 14.1:2013	Electromagnetic Compatibility – Requirements for household appliances, electric tools and similar apparatus – Part 1: Emissions	20/06/2013	Household appliances, power tools, battery operated tools, electric and electronic toys, heating appliances, kitchen machines, motor operated appliances	AS/NZS CISPR 14.1:2010	24/06/2015	AS/NZS CISPR 14.1:2010 will expire 24/06/2015
	AS/NZS CISPR 14.1:2010		03/03/2010				
	EN 55014-1:2006+A1:2009+ A2:2011		2006				
	CISPR 14-1:2009 (Consol. Ed of CISPR 14-1:2005 + A1:2008)		11/02/2009 (11/11/2005)				
7	AS/NZS CISPR 15:2011	Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment	20/12/2011	Lighting equipment, lighting accessories such as ballasts, transformers, dimmers			Testing above 30 MHz mandatory from 9 Feb 2013
	EN 55015:2006+A1:2007+ A2:2009		01/03/2009				
	EN 55015:2013		22/07/2014		EN 55015:2006 and its amendments	22/07/2016	

ACMA mandated EMC standards

Part 2 – Product Family and Equipment Standards							
1	2	3	4	7	8	9	10
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	CISPR 15:2009 (Consolidated edition of CISPR 15:2005 + A1:2006 + A2:2008)		12/01/2009 (2005)				
8	AS/NZS CISPR 22:2009 + A1:2010	Information technology equipment – Radio disturbance characteristics – Limits and methods of measurement	01/12/2010	Information technology equipment, modems, fax machines, BPL modems			Testing radiated emissions above 1 GHz from 1/10/2011. Compliance for equipment to CISPR 22 can be met through compliance with CISPR 32 (see 8A below)
	EN 55022:2010 + *AC:2011		2010				
	CISPR 22: 2008		24/09/2008				
8A	AS/NZS CISPR 32:2013	Electromagnetic compatibility of multimedia equipment - Emission requirements	20 Jun 2013	Information technology equipment, modems, fax machines, BPL modems	CISPR 13 CISPR 22	T.B.A Expiry dates for declaring compliance against CISPR 13 and CISPR 22 is not yet determined but is not expected to be before mid 2017.	CISPR 32 is a newly introduced standard that will, over time, replace CISPR 13 and CISPR 22.
	EN 55032:2012		22 July 2014	Sound and television broadcast receivers, set top boxes, radio receivers, satellite receivers, analog and digital, DVD players, Video recorders, CD players, audio amplifiers, surround sound equipment	EN 55013:2013 + EN 55022:2010 + EN 55103-1:2009 and its amendment		
	CISPR 32 Ed 1.0		30 Jan 2012	Multimedia equipment intended primarily for professional use			
9	EN 60974-10:2007	Arc welding equipment – Part 10: Electromagnetic compatibility (EMC) requirements	2007	Arc welding equipment			
	EN 60974-10:2014		2014		EN 60974-10:2007	13/03/2017	

ACMA mandated EMC standards

Part 2 – Product Family and Equipment Standards							
1	2	3	4	7	8	9	10
Serial	Applicable Standard	Title of Standard	Publication Date	Brief description of equipment to which standard should apply	Standard being replaced	Expiry Date of replaced standard	Remarks
	IEC 60974-10:2014		06/02/2014		IEC 60974-10:2007		
10	EN 50065-1:2011	Specification for signalling on low-voltage electrical installations in the frequency range 3 kHz to 148.5 kHz. General requirements, frequency bands and electromagnetic disturbances	01/04/2011	Signalling on low-voltage electrical installations			
11	IEC 61000-3-8:1997	Electromagnetic compatibility (EMC) - Part 3: Limits - Section 8: Signalling on low-voltage electrical installations - Emission levels, frequency bands and electromagnetic disturbance levels	26/09/1997	Signalling on low-voltage electrical installations			
12	AS 62040.2:2008	Uninterruptible power systems (UPS) - Part 2: Electromagnetic compatibility (EMC) requirements	19/03/2008	Uninterruptible power systems (UPS)			Immunity, harmonics and flicker not required
	EN 62040-2:2006 + AC:2006		2006				
	IEC 62040-2:2005		10/2005				
13	EN 50148:1995	Electronic taximeters	1995	Electronic taximeters			
14	EN60255-26:2013	Measuring relays and protection equipment – Part 26:Electromagnetic compatibility requirements	2013	Measuring relays and protection equipment			

ACMA mandated EMC standards

Part 2 – Product Family and Equipment Standards							
1	2	3	4	7	8	9	10
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15	EN 50270:2006	Electromagnetic compatibility. Electrical apparatus for the detection and measurement of combustible gases, toxic gases or oxygen	2006	Electrical apparatus for the detection and measurement of combustible gases, toxic gases or oxygen			
16	EN 55103-1:2009	Electromagnetic compatibility - Product family standard for audio, video, audio-visual and entertainment lighting control apparatus for professional use - Part 1: Emission	2009	Professional audio / video equipment			See 8A above.
	EN 55103-1:2009+A1:2012		22/07/2014		EN 55103-1:2009	22/07/2016	
17	EN 60204-31:1998 +*AC:2000	Safety of machinery - Electrical equipment of machines - Part 31: Particular safety and EMC requirements for sewing machines, units and systems	1998	Sewing Machines designed specifically for professional use in the sewing industry			
	EN 60204-31:2013		2013		EN 60204-31:1998	28/05/2016	
	IEC 60204-31:2013		23/04/2013				
18	EN 61439-1:2011	Low-voltage switchgear and control gear assemblies - Part 1: Type-tested and partially type-tested assemblies	2011	Low-voltage switch gear and control gear assemblies			
	IEC 61439-1:2011	Low-voltage switchgear and control gear assemblies - Part 1: General rules	19/08/2011				
19	EN 60669-2-1:2004 +all amendments up to and including A12:2010	Switches for household and similar fixed electrical installations - Part 2-1: Particular requirements - Electronic switches	01/06/2010	Electronic switches for household and similar use			
	IEC 60669-2-1:2009		28/01/2009				

ACMA mandated EMC standards

Part 2 – Product Family and Equipment Standards							
1	2	3	4	7	8	9	10
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20	EN 60669-2-2:2006	Switches for household and similar fixed electrical installations - Part 2-2: Particular requirements - Electromagnetic remote-control switches (RCS)	2006	Electromagnetic remote-control switches (RCS) for household and similar use			
	IEC 60669-2-2:2006		29/08/2006				
21	EN 60669-2-3:2006	Switches for household and similar fixed electrical installations - Part 2-3: Particular requirements - Time-delay switches (TDS)	2006	Time-delay switches (TDS) for household and similar use			
	IEC 60669-2-3:2006		29/08/2006				
22	EN 62053-22:2003	Electricity metering equipment (a.c.) - Particular requirements - Part 22: Static meters for active energy (classes 0,2 S and 0,5 S)	2003	Static meters for active energy (classes 0,2 S and 0,5 S)			
	IEC 62053-22:2003		28/01/2003				
23	EN 60730-1:2011	Automatic electrical controls for household and similar use - Part 1: General requirements	1/12/2011	Automatic electrical controls for household and similar use			
	IEC 60730-1:2007 (Consolidated edition of IEC 60730-1:1999 +A1:2003 + A2 :2007)		28/03/2007 (1999)				
24	EN 60730-2-5:2002+A1:2004 +A2:2010	Automatic electrical controls for household and similar use - Part 2-5: Particular requirements for automatic electrical burner control systems	01/03/2010	Automatic electrical burner control systems for household and similar use			
	IEC 60730-2-5:2009 (Cons. Ed IEC 60730-2-5:2000 + A1:2004 +A2:2008		25/02/2009 (2000)				
25	EN 60730-2-6:2008	Automatic electrical controls for household and similar use - Part	01/09/2008	Automatic electrical pressure sensing controls			

ACMA mandated EMC standards

Part 2 – Product Family and Equipment Standards							
1	2	3	4	7	8	9	10
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	IEC 60730-2-6:2007	2-6: Particular requirements for automatic electrical pressure sensing controls including mechanical requirements	15/02/2007	for household and similar use			
26	EN 60730-2-7:2010	Automatic electrical controls for household and similar use. Part 2: Particular requirements for timers and time switches	01/10/2010	Timers and time switches for household and similar use			
	IEC 60730-2-7:2008		14/04/2008				
27	EN 60730-2-8:2002 +A1:2003	Automatic electrical controls for household and similar use - Part 2-8: Particular requirements for electrically operated water valves, including mechanical requirements	01/09/2003	Electrically operated water valves for household and similar use			
	IEC 60730-2-8:2003 (Cons. Ed. IEC 60730-2-8:2000 + A1:2002)		30/01/2003				
28	EN 60730-2-9:2010	Automatic electrical controls for household and similar use - Part 2-9: Particular requirements for temperature sensing controls	2010	Temperature sensing controls for household and similar use			
	IEC 60730-2-9:2008		25/06/2008				
29	EN 60730-2-11: 2008	Automatic electrical controls for household and similar use - Part 2-11: Particular requirements for energy regulators	2008	Energy regulators for household and similar use			
	IEC 60730-2-11:2006		11/10/2006				
30	EN 60730-2-13:2008	Automatic electrical controls for household and similar use - Part 2-13: Particular requirements for humidity sensing controls	2008	Humidity sensing controls for household and similar use			
	IEC 60730-2-13:2006		11/10/2006				
31	EN 60730-2-14:1997 +A1:2001	Automatic electrical controls for household and similar use	2001	Electric actuators for household and similar use			

ACMA mandated EMC standards

Part 2 – Product Family and Equipment Standards							
1	2	3	4	7	8	9	10
Serial	Applicable Standard	Title of Standard	Publication Date	Brief description of equipment to which standard should apply	Standard being replaced	Expiry Date of replaced standard	Remarks
	IEC 60730-2-14:2008 (Consol. Ed. IEC 60730-2-14:1995 +A1:2001+ A2 :2007)	- Part 2-14: Particular requirements for electric actuators	14/04/2008				
32	IEC 60730-2-15:2008	Automatic electrical controls for household and similar use - Part 2: Particular requirements for automatic electrical water and air flow sensing controls	30/01/2008	Automatic electrical water and air flow sensing controls for household and similar use			
	EN 60730-2-15:2010		2010				
33	EN 60870-2-1:1996	Telecontrol equipment and systems - Part 2: Operating conditions - Section 1: Power supply and electromagnetic compatibility	1996	Telecontrol equipment and systems			
	IEC 60870-2-1:1995		08/12/1995				
34	EN 60945: 2002	Maritime navigation and radio-communication equipment and systems - General requirements - Methods of testing and required test results	2002	Maritime navigation and radio-communication equipment and systems			
	IEC 60945:2002						
35	EN 60947-1:2007+A1:2011	Low-voltage switch gear and control gear - Part 1: General rules	2011	Low voltage switch gear and control gear			
	EN 60947-1:2007+A1:2011+ A2:2014		2014		EN 60947-1:2007+A1:2011		
36	EN 60947-2:2006 +A1:2009	Low-voltage switchgear and control gear - Part 2: Circuit-breakers	2009	Circuit breakers			
	EN 60947-2:2006+A1:2009+ A2:2013		2013		EN 60947-2:2006+A1:2009	07/03/2016	
	IEC 60947-2:2006+A1:2009		2009				

ACMA mandated EMC standards

Part 2 – Product Family and Equipment Standards							
1	2	3	4	7	8	9	10
Serial	Applicable Standard	Title of Standard	Publication Date	Brief description of equipment to which standard should apply	Standard being replaced	Expiry Date of replaced standard	Remarks
	IEC 60947-2:2006+A1:2009+A2:2013		2013		IEC 60947-2:2006+A1:2009	07/03/2016	
37	EN 60947-3:2009+A1:2012	Low-voltage switch gear and control gear - Part 3: Switches, disconnectors, switch-disconnectors and fuse-combination units	2012	Switches, disconnectors, switch-disconnectors and fuse-combination units			
	IEC 60947-3:2008		28/08/2008				
38	EN 60947-4-1:2010	Low-voltage switch gear and control gear - Part 4-1: Contactors and motor-starters - Electromechanical contactors and motor-starters	2010	Contactors and motor-starters - Electro-mechanical contactors and motor-starters			
	EN 60947-4-1:2010+A1:2012		2012		EN 60947-4-1:2010	24/08/2015	
	IEC 60947-4-1:2009+A1:2012		2012		IEC 60947-4-1:2009	24/08/2015	
39	EN 60947-4-2:2012	Low-voltage switch gear and control gear - Part 4-2: Contactors and motor-starters - AC semiconductor motor controllers and starters	2012	Contactors and motor-starters - AC semiconductor motor controllers and starters			
	IEC 60947-4-2: 2011		2011				
40	EN 60947-4-3:2000+A1:2006+A2:2011	Low-voltage switch gear and control gear - Part 4-3: Contactors and motor-starters - AC semiconductor controllers and contactors for non-motor loads	2011	Contactors and motor-starters - AC semiconductor controllers and contactors for non-motor loads			
	IEC 60947-4-3:1999+A1:2006+A2:2011		2011				

ACMA mandated EMC standards

Part 2 – Product Family and Equipment Standards							
1	2	3	4	7	8	9	10
Serial	Applicable Standard	Title of Standard	Publication Date	Brief description of equipment to which standard should apply	Standard being replaced	Expiry Date of replaced standard	Remarks
41	EN 60947-5-1:2004+A1:2009	Low-voltage switch gear and control gear - Part 5-1: Control circuit devices and switching elements - Electromechanical control circuit devices	2009	Control circuit devices and switching elements - Electro-mechanical control circuit devices			
	IEC 60947-5-1:2003+A1:2009		2009				
42	EN 60947-5-2:2007	Low-voltage switch gear and control gear - Part 5-2: Control circuit devices and switching elements - Proximity switches	2007	Control circuit devices and switching elements - Proximity switches			
	EN 60947-5-2:2007+A1:2012		2012		EN 60947-5-2:2007	01/11/2015	
	IEC 60947-5-2:2007		09/10/2007				
	IEC 60947-5-2:2007+A1:2012		2012		IEC 60947-5-2:2007	01/11/2015	
43	EN 60947-5-3:1999 +A1:2005	Low-voltage switch gear and control gear - Part 5-3: Control circuit devices and switching elements - Requirements for proximity devices with defined behaviour under fault conditions (PDF)	2005	Proximity devices with defined behaviour under fault conditions			
	IEC 60947-5-3:2005 (Cons. Ed IEC 60947-5-3:1999 +A1:2005)		16/04/2005				
44	EN 60947-5-6:2000	Low-voltage switch gear and control gear - Part 5-6: Control circuit devices and switching elements - DC interface for proximity sensors and switching amplifiers (NAMUR)	2000	DC interface for proximity sensors and switching amplifiers (NAMUR)			
	IEC 60947-5-6:1999		17/12/1999				
45	EN 60947-6-1:2005	Low-voltage switch gear and control gear - Part 6-1:	2005	Multiple function equipment - Transfer			

ACMA mandated EMC standards

Part 2 – Product Family and Equipment Standards							
1	2	3	4	7	8	9	10
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	EN 60947-6-1:2005+A1:2014	Multiple function equipment - Transfer switching equipment	2014	switching equipment	EN 60947-6-1:2005	17/01/2017	
	IEC 60947-6-1:2005		31/08/2005				
	IEC 60947-6-1:2005+A1:2013		2013		IEC 60947-6-1:2005	17/01/2017	
46	EN 60947-6-2:2003 +A1:2007	Low-voltage switch gear and control gear - Part 6-2: Multiple function equipment - Control and protective switching devices (or equipment) (CPS)	2007	Multiple function equipment - Control and protective switching devices (or equipment) (CPS)			
	IEC 60947-6-2:2007 (Cons. Ed. IEC 60947-6-2:2002 + A1:2007)		30/03/2007				
47	EN 61008-1:2004+all amendments up to and including A12:2009	Residual current operated circuit-breakers without integral overcurrent protection for household and similar uses (RCCBs) - Part 1: General rules	2009	Residual current operated circuit-breakers without integral overcurrent protection for household and similar uses (RCCBs)			
	IEC 61008-1:2006 (Cons Ed. IEC 61008-1:1996 + A1:2002+A2:2006)		23/06/2006				
48	EN 62053-21:2003	Electricity metering equipment (a.c.) - Particular requirements - Part 21: Static meters for active energy (classes 1 and 2)	2003	Static meters for active energy (classes 1 and 2)			
	IEC 62053-21:2003						
49	EN 62054-11:2004	Electricity metering (a.c.) - Tariff and load control - Part 11: Particular requirements for electronic ripple control receivers	2004	Electronic ripple control receivers			
	IEC 62054-11:2004						

ACMA mandated EMC standards

Part 2 – Product Family and Equipment Standards							
1	2	3	4	7	8	9	10
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50	EN 62054-21:2004	Electricity metering (a.c.) - Tariff and load control - Part 21: Particular requirements for time switches	2004	Time switches			
	IEC 62054-21:2004						
51	EN 62053-23:2003	Electricity metering equipment (a.c.) - Particular requirements - Part 23: Static meters for reactive energy (classes 2 and 3)	2003	Static meters for reactive energy (classes 2 and 3)			
	IEC 62053-23:2003						
52	EN 61326-1:2006	Electrical equipment for measurement, control and laboratory use - EMC requirements - Part 1: General requirements	2006	Electrical equipment for measurement, control and laboratory use			
	EN 61326-1:2013		2013		EN 61326-1:2006	14/08/2015	
	IEC 61326-1 Ed 2.0		10/07/2012				
53	EN 61543:1995 +all amendments up to and including A2:2006	Residual current-operated protective devices (RCDs) for household and similar use - Electromagnetic compatibility	2006	Residual current-operated protective devices (RCDs) for household and similar use			
	IEC 61543:1995 + A1:2004 + A2:2005		1995				
54	EN 61800-3:2004 +A1:2012	Adjustable speed electrical power drive systems - Part 3: EMC requirements and specific	2012	Adjustable speed electrical power drive systems			

ACMA mandated EMC standards

Part 2 – Product Family and Equipment Standards							
1	2	3	4	7	8	9	10
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	IEC 61800-3:2004+A1:2011	test methods	2011				
55	EN 61812-1:2011	Specified time relays for industrial use - Part 1: Requirements and tests	01/08/2011	Specified time relays for industrial use			
	IEC 61812-1 (Ed.2) :2011		2011				
56	EN 300 386 v1.5.1	Electromagnetic compatibility and Radio spectrum Matters (ERM); Telecommunication network equipment; Electromagnetic Compatibility (EMC) requirements	2011	Telecommunication network equipment			EN 300 386 v1.5.1 will expire 30/11/2015
	EN 300 386 v1.6.1				EN 300 386 v1.5.1	30/11/2015	
57	ISO 13766:2006	Earthmoving Machinery – Electromagnetic compatibility	2006	Agricultural and forestry machinery			
58	ISO 14982:1998	Agricultural and forestry machinery – Electromagnetic compatibility – Test methods and acceptance criteria	1998	Agricultural and forestry machinery			