

ACCSQ/WG 1 – MRAs and Standards

1. This document covers standards under Agenda item 6.1 on **Harmonised Standards for 20 Priority Products, Safety and EMC Standards**

The following are for consideration:

- Where there are no national standards, it is recommended that DIR be indicated.
- Brunei Darussalam, Cambodia, Lao PDR and Myanmar had since the 5th ACCSQ WG 3 (previously responsible for standards harmonisation) meeting indicated the direct use of all the international standards for the 20 priority products. In this template, DIR has been inserted where it does not appear and where there is no national standard. It is also recommended that this should apply to all other Member States
- Indonesia had introduced DNS (Draft National Standard) where there are impending national standards
- For consistency, all Member States are requested to provide the edition number of the International Standards that were adopted

2. **Status of the latest edition of IEC and ISO standards that are harmonised**

It was recommended that these be updated at every first WG1 meeting of the year.

INSTRUCTIONS TO COMPLETE TEMPLATE

To complete the template, **two categories** of information are required to be entered for each international standard.

Category 1

To indicate whether the respective international standard (and/or national adoption of the international standard) is referred to in a regulation or if it is used for government procurement. **If neither, this category need not be filled.**

REG if the specific international standard or national standard is used in regulation OR
GOV if it is indicated for government procurement

Category 2

To indicate whether the international standard is used DIRECTLY (**DIR**) or an IDENTICAL (**IDT**) or MODIFIED (**MOD**) adoption. Where IDT or MOD does not apply, it must be filled in as DIR. For IDT and MOD, the edition adopted as a national standard must be indicated.

HARMONIZED STANDARDS UNDER WG1 TEMPLATE

CONTENTS

- RUBBER-BASED PRODUCT SECTOR
- ELECTROMAGNETIC COMPATIBILITY (EMC) STANDARDS
- ADDITIONAL EE PRODUCTS FOR HARMONISATION BY 2007

LEGEND

REG	Standards used in regulations
GOV	Standards used in government procurement
DIR	Direct use without adoption of the international standard as a national standard and no conflicting national standard
IDT / Ed. X	Identical adoption of the international standard / Edition no. of the international standard adopted
MOD / Ed. X	Modified adoption of the international standard / Edition no. of the international standard adopted

RUBBER-BASED PRODUCT SECTOR

	PRODUCT	INTERNATIONAL STANDARD	STATUS OF ADOPTION AND VERSION OF INTERNATIONAL STANDARDS ADOPTED									
			BN	KH	ID	LA	MY	MM	PH	SG	TH	VN
			1.	Medical rubber gloves	ISO 10282: 2002 Ed 2 + Cor 1 : 2005	DIR	DIR	IDT (ISO 10282: 2002 Ed 2 + Cor 1 : 2005)	DIR	MOD/ Ed 2.0	DIR	REG IDT/ (ISO 10282:1994) <i>**Latest Edition will be adopted</i>
2.	Medical rubber gloves	ISO 11193-1 : 2008 Ed 2	DIR	DIR	IDT (ISO 11193-1 : 2008)	DIR	DIR	DIR	REG IDT/ (ISO 11193:1994) <i>**Latest edition will be adopted</i>	DIR	IDT (ISO 11193-1 : 2002 Ed 1, Cor 1 : 2005, Amd 1 : 2007)	IDT/ Ed1 + Cor1 : 2005 + Amd 1 : 2007

	PRODUCT	INTERNATIONAL STANDARD	STATUS OF ADOPTION AND VERSION OF INTERNATIONAL STANDARDS ADOPTED									
			BN	KH	ID	LA	MY	MM	PH	SG	TH	VN
			3.	Medical rubber gloves	ISO 11193-2 : 2006 Ed 1	DIR	DIR	IDT (ISO 11193-1 : 2008	DIR	DIR	DIR	- **Latest edition will be adopted
4.	Rubber Condoms	ISO 4074 : 2002 Ed 1 (Cor 1, 2003, Cor 2, 2008)	DIR	DIR	NEQ	DIR	MOD/ Ed 1.0	DIR	REG IDT/ (ISO 4074: -1:1996 -2:1994 -3:1994 -5:1996 -6:1996 -7:1996 -9:1996 -10:1990 **Latest edition will be adapted	DIR	IDT (ISO 4074 : 2002 Ed 1 + Cor 1 : 2003)	IDT / Ed 1 + Cor 1 : 2003 TCVN 6342:20 07 (ISO 4074:20 02/Cor 1,2003)

EMC STANDARDS

	PRODUCT	INTERNATIONAL STANDARD	STATUS OF ADOPTION AND VERSION OF INTERNATIONAL STANDARDS ADOPTED										
			BN	KH	ID	LA	MY	MM	PH	SG	TH	VN	
1.	Determination of limits for industrial, scientific and medical equipment	CISPR 23 : 1987 Ed 1 Standard has been withdrawn. Replaced by CISPR 16-4-4 Ed2.0 (2007-06)	DIR	DIR	DIR	DIR	DIR	DIR	DIR	-	DIR	IDT Ed 1 (1987)	DIR
2.	Guidance on the use of the substitution method for measurements of radiation from microwave ovens for frequencies above 1 GHz	CISPR 19 : 1983 Ed 1 Standard has been withdrawn, no replacement indicated	DIR	DIR	-	DIR	NA	DIR	DIR	-	DIR	-	IDT/ Ed1

	PRODUCT	INTERNATIONAL STANDARD	STATUS OF ADOPTION AND VERSION OF INTERNATIONAL STANDARDS ADOPTED									
			BN	KH	ID	LA	MY	MM	PH	SG	TH	VN
3.	Industrial, scientific and medical (ISM) radio-frequency equipment - Electromagnetic disturbance characteristics - Limits and methods of measurement	CISPR 11 : 2010, Ed 5.1 CISPR 11 : 2010 Con Ed 5.1 (Incl Amd 1)	DIR	DIR	IDT (SNI CISPR 11:2012)/ CISPR 11 ed5.1:2 010	DIR	DIR	DIR	IDT/ Ed 5.1	DIR	IDT Ed 4 (2003)	IDT/ Ed 4.1
4.	Information technology equipment - Immunity characteristics - Limits and methods of measurement	CISPR 24 : 1997 Ed 1 and Amd 2 (2002), Amd 1 (2001) CISPR 24 : 1997 Ed 2.0, 2010	DIR	DIR	IDT (SNI CISPR 24:2012 / CISPR 24 ed2.0:2 010)	DIR	IDT/ Ed 2.0	DIR	IDT/ Ed 1 and Amd 2 (2002), Amd 1 (2001)	DIR	IDT Ed1 (1997)	IDT/ Ed1 and Amd 2 (2002), Amd 1 (2001)
5.	Information technology equipment - Radio disturbance characteristics - Limits and methods of measurement	CISPR 22 : 2008 Ed 6.0	DIR	DIR	IDT (SNI CISPR 22:201 2 / CISPR 22 ed6.1:2 008)	DIR	REG/ IDT/ Ed 6.0	DIR	IDT/ Ed 6	DIR	IDT Ed4 (2003)	IDT/ Ed 5.2
6.	Interference to mobile radiocommunications in the presence of impulsive noise - Methods of judging degradation and measures to improve performance	CISPR 21 : 1999 Ed 2 Replaced by CISPR 25 : 2008 Ed 3.0	DIR	DIR	DIR	DIR	IDT/ Ed 3.0	DIR	-	DIR	IDT (1985)	DIR

	PRODUCT	INTERNATIONAL STANDARD	STATUS OF ADOPTION AND VERSION OF INTERNATIONAL STANDARDS ADOPTED									
			BN	KH	ID	LA	MY	MM	PH	SG	TH	VN
7.	Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment	CISPR 15 : 2009 Con Ed 7.2 (incl Amd 1 and Amd 2)	DIR	DIR	DIR	DIR	IDT/ Ed 7.2	DIR	IDT/ Ed. 7.2	DIR	REG IDT Ed7.1 (2007)	IDT/ Ed 2
8.	Methods of measurement of the suppression characteristics of passive radio interference filters and suppression components	CISPR 17 : 1981 Ed 1 Standard has been withdrawn CISPR 17 : 2011 Ed2.0	DIR	DIR	DIR	DIR	DIR	DIR	-	DIR	IDT Ed1 (1981)	DIR
9.	Specification for radio disturbance and immunity measuring apparatus and methods - Part 1-1: Radio disturbance and immunity measuring apparatus - Measuring apparatus	CISPR 16-1-1 : 2010 Ed 3.0 CISPR 16-1-1 : 2010 Con Ed 3.1 (incl Amd 1)	DIR	DIR	IDT (SNI CISPR 16-1- 1:2011 / CISPR 16-1-1 : 2010 Ed 3.0)	DIR	IDT/ Ed 3.1	DIR	-	DIR	IDT (2003)	DIR
10.	Specification for radio disturbance and immunity measuring apparatus and methods - Part 2-1: Methods of measurement of disturbances and immunity - Conducted disturbance measurements	CISPR 16-2-1 : 2008 Ed 2.0 CISPR 16-2-1 : 2010 Con Ed 2.1, 2010 (Incl Amd 1)	DIR	DIR	DIR IDT (SNI CISPR 16-2- 1:2011)	DIR	IDT/ Ed 2.1	DIR	-	DIR	IDT Ed1 (2005)	DIR

ADDITIONAL EE PRODUCTS FOR HARMONIZATION BY 2007

	PRODUCT	INTERNATIONAL STANDARD	STATUS OF ADOPTION AND VERSION OF INTERNATIONAL STANDARDS ADOPTED									
			BN	KH	ID	LA	MY	MM	PH	SG	TH	VN
1.	IT Equipment	IEC 60950-1:2005 Ed. 2.0 Information technology equipment - Safety - Part 1: General requirements (Amd 1, 2009) IEC 60950-1 :2012 Ed 2.1 (incl Amd 1)	DIR	DIR	DIR	DIR	REG/ IDT/ Ed. 2.0	DIR	IDT/ Ed 1.0	REG DIR	IDT Ed1 (2001)	IDT/ Ed 1
2.	Luminaires/Lamp auxiliaries	IEC 60598-1: 2008 Ed. 7 Luminaires - Part 1: General requirements and tests	DIR	DIR	IDT (SNI IEC 60598- 1:2011 ed 7.0)	DIR	IDT/ Ed 7.0	DIR	IDT/ Ed 7	REG IDT Ed 6.1	IDT Ed7 In process	IDT/ Ed7
3.	Luminaires/Lamp auxiliaries	IEC 61048:2006 Ed 2 Auxiliaries for lamps - Capacitors for use in tubular fluorescent and other discharge lamp circuits - General and safety requirements	DIR	DIR	DIR IDT (SNI 04- 6261.1- 2000)	DIR	REG/ IDT/ Ed 1.2	DIR	IDT/ 1991 Ed	DIR	NEQ	DIR
4.	Luminaires/Lamp auxiliaries	IEC 61049:1991 Ed 1 Capacitors for use in tubular fluorescent and other discharge lamp circuits. Performance requirements	DIR	DIR	DIR	DIR	REG/ IDT/ Ed 1.0	DIR	IDT/ Ed 1	DIR	NEQ	DIR

	PRODUCT	INTERNATIONAL STANDARD	STATUS OF ADOPTION AND VERSION OF INTERNATIONAL STANDARDS ADOPTED									
			BN	KH	ID	LA	MY	MM	PH	SG	TH	VN
5.	Luminaires/Lamp auxiliaries	IEC 60432-1:2005 Ed 2.1 Incandescent lamps - Safety specifications - Part 1: Tungsten filament lamps for domestic and similar general lighting purposes IEC 60432-1:2012 Ed 2.2 (incl Amd 1& 2)	DIR	DIR	IDT (SNI IEC 60432- 1:2009)	DIR	DIR	DIR	IDT/ Ed 2.1 REG (IEC 432- 1:1993 Amd. 01:199 5)	DIR	REG NEQ	IDT/ Ed2.1
6.	Luminaires/Lamp auxiliaries	IEC 60064:2005 Ed 6.3 including (Amd 1 to amd 3) Tungsten filament lamps for domestic and similar general lighting purposes - Performance requirements	DIR	DIR	IDT (SNI IEC 60064: 2007)	DIR	IDT/ Ed 6.3	DIR	IDT/ Ed 6.3 REG (IEC 64:199 3)	DIR	NEQ	IDT/ Ed6.3
7.	Luminaires/Lamp auxiliaries	IEC 60929:2006 Ed 3 AC-supplied electronic ballasts for tubular fluorescent lamps - Performance requirements IEC 60929 : 2011 Ed 4.0	DIR	DIR	DIR	DIR	REG/ IDT/ Ed 3.0	DIR	IDT/ Ed 3 REG (IEC 60929: 2003)	DIR	IDT Ed 3 <i>In-process</i> IDT IEC 60929 : 1990	IDT/ Ed3
8.	Luminaires/Lamp auxiliaries	IEC 60968:1999 Con Ed 1.2 (incl Amd 1 & 2) Self-ballasted lamps for general lighting services - Safety requirements IEC 60968:2012 Con Ed 2.0	DIR	DIR	REG IDT (SNI 04- 6504:20 01)	DIR	REG/ IDT/ Ed 1.2	DIR	IDT/ Ed 1.2 REG (IEC 968: 1988)	DIR	MOD Ed 1.2 IEC 60968: 2012	IDT/ Ed1.2

	PRODUCT	INTERNATIONAL STANDARD	STATUS OF ADOPTION AND VERSION OF INTERNATIONAL STANDARDS ADOPTED									
			BN	KH	ID	LA	MY	MM	PH	SG	TH	VN
9.	Luminaires/Lamp auxiliaries	IEC 60969:2001 Con Ed 1.2 (incl Amd 1 and Amd 2) Self-ballasted lamps for general lighting services - Performance requirements	DIR	DIR	IDT (SNI IEC 60969:2009)	DIR	REG/IDT/Ed 1.2	DIR	IDT/Ed 1.2 REG (IEC 969:1988)	DIR	MOD Ed 1.2	IDT/Ed1.2
10.	Luminaires/Lamp auxiliaries	IEC 60901:2001 Con Ed 2,2 (incl Amd 1 and Amd 2) (not incl Amd 3, 2004, Amd 4, 2007) Single-capped fluorescent lamps - Performance specifications	DIR	DIR	IDT (SNI IEC 60901:2009)	DIR	DIR	DIR	IDT/Ed 2.2 REG (IEC 60901:1996, Amds. 1,2,3:1996)	DIR	MOD Ed 2.2 Am3	IDT/Ed2.2
11.	Luminaires/Lamp auxiliaries	IEC 60081:2002 Con Ed 5.1 (incl Amd 1) (not incl Amd 2, 2003, Amd 3, 2005, Amd 3, 2010) Double-capped fluorescent lamps - Performance specifications	DIR	DIR	DIR	DIR	IDT/Ed 5.04	DIR	IDT/Ed 5.1 REG (IEC 60081:2002, Amds. 2:2003, 3:2005)	DIR	MOD Ed 5.1 Am2 (2003)	IDT/Ed 5.1, Amd 2:2003, Amd 3:2010
12.	Luminaires/Lamp auxiliaries	IEC 60598-2-20:2010 Ed 3.0 Luminaires - Part 2-20: Particular requirements - Lighting chains	DIR	DIR	IDT (SNI IEC 60598-2-20:2012 ed 3.0)	DIR	REG IDT/Ed 3.0	DIR	IDT/Ed 3.0	REG DIR Ed. 2.2	IDT Ed3.0 In process	IDT/Ed3
13.	Luminaires/Lamp auxiliaries	IEC 60598-2-4 :1997 Ed 2.0 Luminaires – Part 2: Particular requirements - Section 4: Portable general purpose luminaires	DIR	REG	IDT (SNI IEC 60598-2-4:2012 ed 3.0)	DIR	IDT/Ed 2.0	DIR	IDT/Ed 1	REG DIR Ed. 2	IDT Ed 2.0 In process	IDT/Ed2

	PRODUCT	INTERNATIONAL STANDARD	STATUS OF ADOPTION AND VERSION OF INTERNATIONAL STANDARDS ADOPTED									
			BN	KH	ID	LA	MY	MM	PH	SG	TH	VN
14.	Luminaires/Lamp auxiliaries	IEC 61347-1:2007 Ed 2 Lamp controlgear - Part 1: General and safety requirements IEC 61347-1 : 2011 Con Ed 2.1 (incl Am 1)	DIR	DIR	IDT (SNI IEC 61347- 1:2011)	DIR	REG/ IDT/ Ed 2.1	DIR	IDT/ Ed 7.0 IDT/ Ed 2.0	REG DIR Ed. 2	IDT Ed 2	IDT/ Ed2
15.	Luminaires/Lamp auxiliaries	IEC 61347-2-3: 2004 Con Ed 1.1 (incl Amd 1) Lamp controlgear - Part 2-3: Particular requirements for a.c. supplied electronic ballasts for fluorescent lamps IEC 61347-2-3 : 2011Ed 2.0	DIR	DIR	IDT (SNI IEC 61347- 2- 3:2011)	DIR	REG/ IDT/ Ed 1.0	DIR	REG IDT/ Ed 1.0 and Amd 1:2004	REG DIR Ed. 1.1 AMD 2 : 2006	IDT Ed 2 (2011) In-process	IDT/ Ed1.1
16.	Luminaires/Lamp auxiliaries	IEC 61347-2-8 :2006 Con Ed 1.1 (incl Amd 1) Lamp controlgear - Part 2-8: Particular requirements for ballasts for fluorescent lamps	DIR	DIR	IDT (SNI IEC 61347- 2- 8:2009)	DIR	REG/ IDT/ Ed 1.0	DIR	REG IDT/ Ed 1.0	REG DIR Ed. 1.1	MOD Ed 1.1 TIS23 In-process REG NEQ (MOD Ed 1.1 In process)	IDT/ Ed1.1
17.	Cables	IEC 60228:2004 Ed. 3.0 Conductors of insulated cables	DIR	REG IDT	REG IDT (SNI IEC 60228:2 009)	DIR	DIR	DIR	-	DIR	IDT Ed3.0	REG IDT/ Ed 3.0

	PRODUCT	INTERNATIONAL STANDARD	STATUS OF ADOPTION AND VERSION OF INTERNATIONAL STANDARDS ADOPTED									
			BN	KH	ID	LA	MY	MM	PH	SG	TH	VN
18.	Cables	IEC 60227-1:2007 Ed. 3.0 Polyvinyl chloride insulated cables of rated voltages up to and including 450/750 V - Part 1: General requirements	DIR	REG IDT	REG MOD (SNI 6629.1: 2011)	REG (LS14)	MOD/ Ed 3.0	DIR	-	IDT Ed. 2.0 AMD 1 : 1995	MOD Ed 3.0	REG IDT/ Ed 2.2 (be revising this year)
19.	Cables	IEC 60227-5:2003 Con Ed. 2.2 (incl Amd 1 and Amd 2) Polyvinyl chloride insulated cables of rated voltages up to and including 450/750 V - Part 5: Flexible cables (cords) IEC 60227-5 : 2011 Ed 3.0	DIR	REG IDT	REG / MOD (SNI 04- 6629.5- 2006)	REG (LS18)	DIR	DIR	-	IDT Ed. 2.1 : 2003	REG MOD Ed 2.2 IDT Ed 2.2	REG IDT/ Ed 2.2 (be revising this year)
20.	Cables	IEC 60227-3:1997 Ed 2.1 (incl Amd 1) Polyvinyl chloride insulated cables of rated voltages up to and including 450/750 V - Part 3: Non-sheathed cables for fixed wiring	DIR	REG IDT	REG MOD (SNI 04- 6629.3- 2006)	REG (LS16)	MOD/ Ed 2.1	DIR	-	MOD Ed. 2.0 : 1993	REG MOD Ed 2.1 IDT Ed 2.1	REG IDT Ed2.1
21.	Cables	IEC 60227-4:1997 Con Ed 2.1 (incl Amd 1) Polyvinyl chloride insulated cables of rated voltages up to and including 450/750 V - Part 4: Sheathed cables for fixed wiring	DIR	REG IDT	REG MOD (SNI 04- 6629.4- 2006)	REG (LS17)	MOD/ Ed 2.1	DIR	-	DIR	REG MOD Ed 2.1 IDT Ed 2.1	REG IDT Ed2.1

	PRODUCT	INTERNATIONAL STANDARD	STATUS OF ADOPTION AND VERSION OF INTERNATIONAL STANDARDS ADOPTED									
			BN	KH	ID	LA	MY	MM	PH	SG	TH	VN
22.	Circuit breakers	IEC 61008-1:2010 Ed. 3.0 Residual current operated circuit-breakers without integral overcurrent protection for household and similar uses (RCCBs) - Part 1: General rules IEC 61008-1 : 2012 Ed 3.0 (incl Am 1) IEC 61008-1 : 2012 Con ed 3.1 (incl Am 1)	DIR	DIR	IDT (SNI IEC 61008- 1:2011)	DIR	REG/ IDT/ Ed 3.0	DIR	IDT/ Ed 2.2	REG MOD IEC 61008- 1:2002	REG MOD Ed2.1 (2002)	IDT/ Ed 2.2
23.	Fuses, low-voltage	IEC 60269-1:2009 Con Ed. 4.1 (incl Amd 1) Low-voltage fuses - Part 1: General requirements	DIR	DIR	DIR IDT (SNI IEC 60269- 1:2014)	DIR	REG/ IDT/ Ed 4.0	DIR	IDT/ 1986 Ed Amd 1:1994	DIR	REG NEQ	IDT/ Ed 4
24.	Fuses, low-voltage	IEC 60269-3:2010 Ed 4.0 Low-voltage fuses - Part 3: Supplementary requirements for fuses for use by unskilled persons (fuses mainly for household and similar applications) - Examples of standardized systems of fuses A to F	DIR	DIR	DIR	DIR	REG/ IDT/ Ed 4.0	DIR	IDT/ Ed 3.0	REG	REG NEQ	IDT/ Ed 2.0 amd 1:2003