

**MUTUAL RECOGNITION ARRANGEMENT ON CONFORMITY ASSESSMENT
OF ELECTRICAL AND ELECTRONIC EQUIPMENT**

**APEC EEMRA
Information Interchange Format**

PART 1

Introduction

This format is being prepared to assist member economies participating in the APEC MRA to prepare documentation required for participation in a consistent format.

It is expected that each participating member economy would submit their information in the recommended format to the APEC Secretariat as required by the MRA.

The format is based on the Information Notes on Good Practice for Technical Regulation and therefore provides for information to be supplied for each of the regulatory regimes identified in the notes. There are 7 regimes, they are for products requiring inspection, products requiring licensing, products requiring batch testing, products requiring approval (or certification), products requiring listing or registration, supplier declarations and essential safety requirements. Participating member economies need only provide information relating to the regimes which are in force in their economy. The regimes that are not enforced by the economy need to be noted also, please indicate this by placing 'none' in the standards table on the front of each regime.

Where more than one regulatory system applies within a participating member economy information on each regulatory system should be provided separately.

The format also draws upon the survey on Conformity Assessment of Electrical and Electronic Equipment conducted by the APEC SCSC. The format includes reference to applicable international standards and uses the international convention for describing the relationship of national and international standards, i.e. IDT for identical, MOD for modified, and NEQ for not equal.

When information makes reference to documents or legislation, the documents or legislation should be available on a website for that economy or provided as part of the information supplied to the APEC Secretariat.

APEC EEMRA Information Interchange Format

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PART I – INFORMATION EXCHANGE

Regime Overview

An **essential safety regime** based on the EU Low Voltage Equipment directive and applicable to all electrical equipment is enhanced by a **certification regime** covering 56 classes of prescribed electrical equipment and is transitioning to include a registration of responsible suppliers regime with a risk assessment process to ongoing review of regulatory intervention (i.e. requiring certification, compliance folders of information or declarations based on evidence of compliance to relevant safety standard).

In Australia, electrical equipment safety is a State responsibility. Regulatory authorities in each State and Territory of Australia administer electrical safety legislation. The existing scheme of a certificate of approval for declared/prescribed articles is still in place in some jurisdictions but is generally being transitioned into a scheme to include registration of the responsible supplier (the person/company in Australia who first brings the equipment into Australia). This scheme includes risk assessment of equipment to classify the equipment in to level 3 (requiring certification), level 2 (requiring compliance folders of information) or level 1 equipment (requiring declarations based on evidence of compliance to relevant safety standard). Note: Level 3 is equivalent to what was previously known as declared/prescribed equipment.

A coordinating council, ERAC (Electrical Regulatory Authorities Council) is responsible for coordination of the regimes of the Australian States and Territories as well as New Zealand. For further information about ERAC, visit the website www.erac.gov.au

Legislative References

Legislation Applicable	Scope of the Legislation	Government Agency
Electricity Safety Act 1998 www.legislation.vic.gov.au/	Essential safety of electrical equipment.	Energy Safe Victoria (Victoria)

	Approval of (60) prescribed classes of electrical equipment.	www.esv.vic.gov.au
Electricity (Consumer Safety) Act 2004 and Regulation 2006 http://www.legislation.nsw.gov.au/	Essential safety of electrical equipment. Approval of (60) prescribed classes of electrical equipment.	NSW Fair Trading (New South Wales) www.fairtrading.nsw.gov.au
Electrical Safety Act 2002 and Regulations 2002 www.legislation.qld.gov.au/oQPCHome.htm	Essential safety of electrical equipment. Approval of (60) prescribed classes of electrical equipment.	Electrical Safety Office Department of Justice and Attorney-General (Queensland) www.eso.qld.gov.au/
Electricity Act 1945 www.slp.wa.gov.au	Safety of Electrical Appliances	Energy Safety WA (Western Australia) www.energysafety.wa.gov.au/
The Electrical Products Act – 2000 http://www.legislation.sa.gov.au/	Safety of electrical products	Office of the Technical Regulator (South Australia) www.technicalregulator.sa.gov.au/
Electricity Industry Safety & Administration Act 1997 www.thelaw.tas.gov.au/	Sale of electrical goods Approval of electrical goods	Workplace Standards Tasmania Department of Justice (Tasmania) www.wst.tas.gov.au
Electricity Safety Act 1971 http://www.legislation.act.gov.au/	Essential safety of electrical equipment. Approval of (56) prescribed classes of electrical equipment.	Environment and Sustainable Development (Australian Capital Territory) www.environment.act.gov.au/
Electricity Reform (Safety and Technical) Regulation 2005 http://www.nt.gov.au/		NT WorkSafe Department of Justice (Northern Territory) www.worksafe.nt.gov.au

1. PRODUCTS REQUIRING INSPECTION

An inspection regime involves the assessment of each individual product for compliance with technical standards or regulators.

Nil

2. ENTITIES REQUIRING LICENSING

Licensing individuals or companies is a conformity assessment regime that assesses the competence of an individual or a company to undertake a specific task.

Nil

3. PRODUCTS REQUIRING BATCH TESTING

A batch-testing regime involves a sample test of each batch or shipment of mass-produced product. A batch-testing regime may also require initial type testing as a prerequisite.

Nil

4. PRODUCTS REQUIRING APPROVAL (OR CERTIFICATION)

An approval regime requires the assessment (type testing) of a sample or samples for compliance with a standard or specification by a “Regulator” or assessment agency recognised by a regulator. In some economies approvals issued by other “Regulators” may be recognised.

Products that are of declared/prescribed/level 3 can not be supplied or offered for supply, until a “certificate of conformity” is issued for that product.

All products registered by a responsible supplier are required to be with the Regulatory Compliance Mark (RCM)

Products covered by approvals

Product type or grouping	Regulations	Standards			
		Domestic Standards	Please tick box if mandatory	Relevant International Standards	Extent of Alignment
1. APPLIANCE CONNECTOR		AS/NZS 60320.1	✓	IEC 60320-1	MOD
2. ARC WELDING MACHINE		AS/NZS 60974.6	✓	IEC 60974-6	MOD
3. BAYONET LAMPHOLDER		AS/NZS 61184	✓	IEC 16684	MOD
4. BAYONET LAMPHOLDER ADAPTOR		AS 3119	✓		
5. BLANKET		AS/NZS 60335.2.17	✓	IEC 60335-2-17	MOD
6. BREAD TOASTER		AS/NZS 60335.2.9	✓	IEC 60335.2.9	MOD
7. CLOTHES DRYER			✓		
Rotary		AS/NZS 60335.2.11	✓	IEC 60335-2-11	MOD
towel Rails		AS/NZS 60335.2.43	✓	IEC 60335-2-43	MOD
8. CONTROL OR CONDITIONING DEVICE		AS/NZS 3197	✓		
9. COOKING APPLIANCE - PORTABLE TYPE Grillers, roasters or Oven (including, breadmakers) Warming plates Frying pans, deep fryers, woks		AS/NZS 60335.2.9 AS/NZS 6033.2.12 AS/NZS 60335.2.13	✓ ✓	IEC 60335-2-9 IEC60335-2-12 IEC 60335-2-13	MOD IDT IDT

Outdoor barbeques		AS/NZS 60335.2.78	✓	IEC 60335.2.78	IDT
			✓		
10. CORD EXTENSION SOCKET		AS/NZS3120	✓		
11. CORD-LINE SWITCH		AS3127	✓		
12. DECORATIVE LIGHTING OUTFIT Tree lights and chains		AS/NZS60598.2.20	✓	IEC 60598-2-20	MOD
			✓		
13. DISHWASHING MACHINE		AS/NZS 60335.2.5	✓	IEC 60335-2-5	MOD
14. EDISON SCREW LAMPHOLDER		AS/NZS 60238	✓	IEC 60238	MOD
15. FAN		AS/NZS 60335.2.80	✓	IEC 60335-2-80	MOD
16. FENCE ENERGISER		AS/NZS 60335.2.76	✓	IEC 60335-2-76	MOD
17. FLEXIBLE HEATING PAD Foot warmer and foot mat Other		AS/NZS 60335.2.81 AS/NZS 60335.2.17	✓	IEC 60335.2.81 IEC 60335.2.17	IDT MOD
18. FLOOR POLISHER/SCRUBBER		AS/NZS 60335.2.10	✓	IEC 60335-2-10	IDT
19. FLUORESCENT LAMP BALLAST					
Integral (self Ballasted lamp(Magnetic and electronic types		AS/NZS 60968	✓	IEC 60968	MOD
Other Magnetic Type		AS/NZS 61347.2.8	✓	IEC 61347-2-8	MOD
Other Electronic Type		AS/NZS 61347.2.3	✓	IEC 61347-2-3	MOD
20. FLUORESCENT LAMP STARTER		AS/NZS 60155	✓	IEC 60155 amd1	MOD
21. HAIR CARE APPLIANCE		AS/NZS 60335.2.23	✓	IEC 60335-2-23	MOD
22. HEDGE CLIPPER		AS/NZS 60745.2.15	✓	IEC 60745-2-15	MOD
23. IMMERSION HEATER Aquarium type Portable other than Aquarium Type Fixed Type		AS/NZS 60335.2.55 or AS/NZS 60335.2.74 AS/NZS 60335.2.73	✓ ✓ ✓	IEC60335-2-55 or IEC60335-2-74 IEC60335-2-73	MOD IDT IDT
24. INSECT ELECTROCUTOR		AS/NZS 60335.2.59	✓	IEC 60335-2-59	MOD
25. INSPECTION HANDLAMP		AS/NZS 60598.2.8	✓	IEC 60598-2-8	IDT
26. IRON Fabric Steamer Other		AS/NZS 60335.2.85 AS/NZS 60335.2.3	✓	IEC 60335-2-85 IEC 60335-2-3	IDT IDT
27. KITCHEN MACHINE		AS/NZS 60335.2.14	✓	IEC 60335-2-14	MOD
28. LAWN CARE APPLIANCE Mower Trimmer Grass Shears		AS/NZS 60335.2.77 or AS/NZS 60335.2.91 AS/NZS 60335.2.94	✓ ✓ ✓	IEC 60335.2.77 IEC 60335.2.91 IEC 60335-2-94	IDT MOD MOD
29. LIQUID HEATING APPLIANCE					

Humidifier		AS/NZS 60335.2.98	✓	IEC 60335.2.98	IDT
Other		AS/NZS 60335.2.15	✓	IEC 60335-2-15	MOD
30. LUMINAIRE - PORTABLE TYPE					
Child Appealing		AS/NZS 60598.2.10	✓	IEC 60598-2-10 amd 2	IDT
Type fitted with built in transformer or converter		AS/NZS 60598.2.6	✓	IEC 60598-2-6 amd 1	IDT
Other		AS/NZS 60598.2.5	✓	IEC 60598-2-5	MOD
31. MASSAGE APPLIANCE		AS/NZS 60335.2.32	✓	IEC 60335-2-32	MOD
32. MICROWAVE OVEN		AS/NZS 60335.2.25	✓	IEC 60335-2-25	IDT
33. MINIATURE OVERCURRENT CIRCUIT-BREAKER					
		AS/NZS 60898.1	✓	IEC 60898-1	MOD
		AS/NZS 60898 2orAS 3111	✓	IEC 60898-2	MOD
		AS/NZS 60947.2	✓	IEC 60947-2	MOD
34. OUTLET DEVICE					
Integral pin Type (Including travel Adapter)		AS/NZS 3122	✓		
adaptors Portable type		AS/NZS 3105	✓		
35. PLUG		AS/NZS 3112	✓		
36. POWER SUPPLY OR CHARGER					
Safety isolating switch mode type for general use		AS/NZS 61558.2.6		IEC 61558-2-6	IDT
Safety isolating other types for general use		AS/NZS 61558.2.16	✓	IEC 61558-2-16	IDT
Power Supply designated for use with specific Electronic (IT, Audio, Video) Equipment		AS/NZS 60065 or AS/NZS 60950.1	✓ ✓	IEC 60065 IEC60950	MOD MOD
Power Supply for Toys		AS/NZS 61558.2.7	✓	IEC 61558-2-7	IDT
Power Supply for bells or chimes		AS/NZS 61558.2.8	✓	IEC 61558-2-8	IDT
Power Power Supply for Lighting Purposes					
Electronic types : LED Driver		AS/NZS 61347.1 & IEC61347-2-13	✓	IEC 61347-1& IEC 61347-2-13	MOD
Other Electronic types		AS/NZS 61347.2.2	✓	IEC 61347-2-2	MOD
Ferromagnetic Type		AS/NZS 61558.2.6	✓	IEC 61558-2-6	MOD
Ferromagnetic Type		AS/NZS 61558.2.6	✓	IEC 61558-2-6	IDT
Power Supply for hand lamps		AS/NZS 61558.2.9	✓	IEC 61558-2-9	IDT
Battery Charger		AS/NZS 60335.2.29	✓	IEC 60335-2-29	MOD
Safety Isolating Power Supply for fence energizer					
Switch mode types		AS/NZS 61558.2.16	✓	IEC 61558-2-16	IDT
Other types		AS/NZS 61558.2.6	✓	IEC 61558-2-6	IDT
37. PROJECTOR		AS/NZS 60335.2.56	✓	IEC 60335-2-56	IDT
38. RANGE includes hotplates, hobs and ovens		AS/NZS 60335.2.6	✓	IEC 60335-2-6	MOD
39. RANGE HOOD		AS/NZS 60335.2.31	✓	IEC 60335.2.31	MOD
40. RAZOR/HAIR CLIPPER		AS/NZS 60335.2.8	✓	IEC 60335-2-8	IDT

41. REFRIGERATING APPLIANCE		AS/NZS 60335.2.24	✓	IEC 60335-2-24	MOD
42. RESIDUAL CURRENT DEVICE		AS/NZS 3190 or AS/NZS 61008.1	✓	IEC 61008-1	MOD
Without integral over current protection		AS/NZS 61009.1 or	✓	IEC 61009-1	MOD
With Integral over current protection		AS3190& AS3111	✓		
43. ROOM HEATER		AS/NZS 60335.2.61	✓	IEC 60335-2-61	MOD
Thermal storage		AS/NZS 60335.2.30	✓	IEC 60335-2-30	MOD
or other					
44. SEWING MACHINE		AS/NZS 60335.2.28	✓	IEC 60335-2-28	IDT
45. SOCKET-OUTLET		AS/NZS 3112	✓		
46. SOLDERING IRON		AS/NZS 60335.2.45	✓	IEC 60335-2-45	IDT
47. SUPPLY FLEXIBLE CORD		AS/NZS 3191 or	✓	IEC 60227.5	IDT
PVC Insulated flexible cord		AS/NZS 60227.5 or		IEC 60245.4 amd2	IDT
Rubber Insulated Flexible Cord		AS/NZS 60245.4			
48. SWIMMING POOL OR SPA EQUIPMENT		AS/NZS 60335.2.41	✓	IEC 60335.2.41	MOD
Pump		AS/NZS 60335.2.60	✓	IEC 60335-2-60	MOD
Spa, Pool, Spa-bath or an appliance intended to circulate water in a conventional bath		AS/NZS 60335.2.109	✓	IEC 60335-2-109	IDT
UV Radiation water treatment appliances		AS3136	✓		
Other					
49. TELEVISION RECEIVER		AS/NZS 60065	✓	IEC 60065	MOD
50. THERAPEUTIC LAMP		AS/NZS 60335.2.27	✓	IEC 60335-2-27	IDT
51. TOOL - PORTABLE TYPE		AS/NZS 60745.1	✓	IEC 60745-1	MOD
Drill		AS/NZS 60745.2.1	✓	IEC 60745-2-1	IDT
Sander		AS/NZS 60745.2.4	✓	IEC 60745-2-4	IDT
Circular Saw		AS/NZS 60745.2.5	✓	IEC 60745-2-5	IDT
Jig or Sabre Saw		AS/NZS 60745.2.11	✓	IEC 60745-2-11	IDT
Planer		AS/NZS 60745.2.14	✓	IEC 60745-2-14	IDT
Router		AS/NZS 60745.2.17	✓	IEC 60745-2-17	IDT
Grinder, Polisher and Disk Type Sander		AS/NZS 60745.2.3	✓	IEC 60745-2-3	MOD
Chain Saw		AS/NZS 60745.2.13	✓	IEC 60745-2-13	MOD
Other in AS/NZS 60745		AS/NZS 60745.1	✓		
Other		AS/NZS 3160	✓		
52. VACUUM CLEANER		AS/NZS 60335.2.100	✓	IEC 60335-2-100	MOD
Hand Held Garden type		AS/NZS 60335.2.2	✓	IEC 60335-2-2	MOD
Other					

53. WALL SWITCH		AS 3133	✓		
54. WASHING MACHINE		AS/NZS 60335.2.7	✓	IEC 60335-2-7	IDT
55. WATER BED HEATER		AS/NZS60355.2.66	✓	IEC 60335-2-66	IDT
56. WATER HEATER Pressure Storage Instantaneous		AS/NZS 60335.2.21 or AS/NZS 60335.2.35	✓ ✓	IEC 60335-2-21 IEC 60335-2-35	MOD IDT

An up to date listing of classes of equipment and applicable Australian standards is maintained by Standards Australia and published in standard AS/NZS 4417.2¹.

¹ AS/NZS 4417.2:2012 Marking of electrical and electronic products to indicate compliance with regulations - Specific requirements for electrical safety regulatory applications
Marking of electrical products to indicate compliance with regulations

Diagrammatic representation or flowchart of the regime

Equipment under consideration

Is it in-scope electrical equipment (subject to regime)? → No

↓
Yes

Supplier is obliged to ensure that the equipment meets essential safety provisions (AS/NZS 3820)
Compliance with applicable (particular) safety standard is deemed to satisfy essential safety requirements)

Entity that imports the equipment or manufactures the equipment is required to register every 12 months as a responsible supplier and declare compliance to applicable (particular) safety standard in order to sell equipment in participating jurisdictions

Is the electrical equipment a type that is prescribed or high risk / level 3 →

↓
Yes

NO . Lower risk equipment needs to identified by brand and type on their responsible suppliers registration in order to be sold in participating jurisdictions.

Submit equipment for type testing at a recognised testing facility.
Submit equipment for approval/certification by approving authority
(Application typically requires a completed form, fee, compliant test report, sample, installation/operating instructions, and bill of materials)

Application considered by approving authority
Approval/certification granted and certificate issued (Subject to any conditions)
Approval marking to be marked on the equipment

In all states equipment is permitted to be sold for the duration of their approval/certification, normally five years. Before equipment can be sold in participating jurisdictions. Their certification must also be recorded in a current responsible supplier's registration

Description of the Regime

Testing Facilities

Testing authority acceptance criteria is described in AS/NZS 4417.2¹, and includes laboratories accredited or recognised by NATA (National Association of Testing Authorities). www.nata.asn.au or facilities that are accredited by a body that has Mutual recognition with NATA

CB test reports and certificates issued under the IECEE CB scheme are also acceptable.

Approval (Certification) Agencies

<ul style="list-style-type: none">• Victoria	Energy Safe Victoria PO Box 262 Collins Street West Melbourne 8007	Telephone +61 3 9203 9700 Fax +61 3 9686 2197 E-mail info@esv.vic.gov.au Website www.esv.vic.gov.au
<ul style="list-style-type: none">• New South Wales	Industry Standards Branch NSW Fair Trading PO Box 972 Parramatta 2124	Telephone +61 2 9895 0111 Fax +61 2 9895 0222 E-mail energyapprovals@services.nsw.gov.au Website www.fairtrading.nsw.gov.au

¹ AS/NZS 4417.2:2012 Marking of electrical and electronic products to indicate compliance with regulations - Specific requirements for electrical safety regulatory applications
Marking of electrical products to indicate compliance with regulations

<ul style="list-style-type: none"> • Queensland 	<p>Electrical Safety Office Department of Justice and Attorney-General GPO Box 69 Brisbane QLD 4001</p>	<p>Telephone +61 7 323 70274 Fax +61 7 3406 3808 E-mail equipmentsafety@justice.qld.gov.au Website www.justice.qld.gov.au/</p>
<ul style="list-style-type: none"> • South Australia 	<p>Office of the Technical Regulator Department of Transport Energy and Infrastructure PO Box 1 Walkerville SA 5081</p>	<p>Telephone +61 8 8226 5516 Fax +61 8 8226 5529 E-mail dtei.enquiries@saugov.sa.gov.au Website www.dtei.sa.gov.au</p>
<ul style="list-style-type: none"> • Tasmania 	<p>Workplace Standards Tasmania Department of Justice PO Box 56 Rosny Park 7018</p>	<p>Telephone +61 3 6233 7585 Fax +61 3 6233 8338 E-mail wstinfo@justice.tas.gov.au Website www.wst.tas.gov.au</p>
<p>Australian Capital Territory</p>	<p>Environment and Sustainable Development Directorate Ground Floor South Dame Pattie Menzies House 16 Challis Street Dickson ACT 2602</p>	<p>Telephone: +61 2 6207 1923 Fax: +61 2 6207 1925 Email: actpla@act.gov.au Website: www.environment.act.gov.au</p>
<p>Some Certifying Agencies only certify products relating to companies/entities within their own respective state or territory jurisdictions</p>		

Additionally, certification by a safety certification body accredited under the Joint Accreditation System of Australia and New Zealand (JASANZ) www.jas-anz.com.au/ in accordance with Australian/New Zealand Handbook “Guide 65 – General requirements for bodies operating product certification systems, SAA/SNZ HB 18.65:1998”

Labelling Requirements

Approved, prescribed electrical equipment must display its assigned marking.

The marking has generally been a unique alphanumeric code comprising the first letter or a more recent three letter notation of the issuing State regulatory authority followed by between one and six digits. E.g. V99555 or ESV120010 for Victoria or Q99555 or ESO120010 for a Queensland Approval.

A multi-jurisdictional single symbol, the RCM, (regulatory compliance mark) has also been available as an alternative to the marking code. The RCM is mandated under the new Electrical Equipment Safety Scheme as sole the mark to indicate equipment certification and responsible supplier registration. Rules governing the use of the RCM are described in AS/NZS 4417¹. Transitory provisions allow the previous marking system to be still used for a further period of 3 years for new equipment and 5 years for current equipment. Non participating jurisdictions still use the previous approval alphanumeric marking code.

Some state regulatory authorities have authorised private certifiers who have a unique letter code followed by six digits..

^{1 3} AS/NZS 4417.2:2012 Marking of electrical and electronic products to indicate compliance with regulations - Specific requirements for electrical safety regulatory applications
Marking of electrical products to indicate compliance with regulations

Regulatory and Legislation Requirements

Certificates of Conformity are normally valid for a period of five years.
Registration as a responsible supplier is valid for a period of 12 months.

5. **PRODUCTS REQUIRING LISTING OR REGISTRATION**

Listing/registration is similar to approvals except that there is no direct activity by the regulatory agency before a product is placed onto the market.

Nil

6. **SUPPLIER DECLARATIONS**

A supplier declaration regime requires a supplier in that economy to formally take responsibility for the compliance of the product/products. It may require compliance with particular standards and will require the supplier to hold relevant compliance documents for subsequent audits. A supplier declaration regime may also include a marking regime.

Under the Electrical Equipment Safety Scheme (EESS), any Australian entity that manufactures or imports electrical equipment must register as a responsible supplier on a national database before the electrical equipment can be sold. Registration requires a responsible supplier to make a declaration stating that all the equipment they supply is electrically safe, will meet relevant standards and comply with the requirements of the EESS. Responsible Supplier registrations are for a period of 12 months.

Responsible suppliers are also required to register any declared/prescribed or level 3 electrical equipment that they manufacture or import into Australia by reference to a valid certificate of conformity or approval before it can be sold. Other equipment will require listing of equipment type and brand name on the responsible supplier's registration. Subsequent suppliers in the supply chain do not require registration but all equipment must be sourced from a registered responsible supplier.

ESSENTIAL SAFETY REQUIREMENTS

An essential safety regime requires that products comply with recognised fundamental safety requirements (essential safety). The regime may include standards that are recognised to achieve the essential safety requirements.

Products covered by essential safety requirements

Product type or grouping	Regulations	Standards			
		Domestic Standards	Please tick box if mandatory	Relevant International Standards	Extent of Alignment
Equipment Out of Scope :- Greater than 50 V AC RMS or 120V ripple-free DC, and Less than 1000V AC RMS or 1500V ripple-free DC, That is not designed, or marketed as suitable, for household, personal or similar use.		AS/NZS 3820 ⁴	✓	Nil	

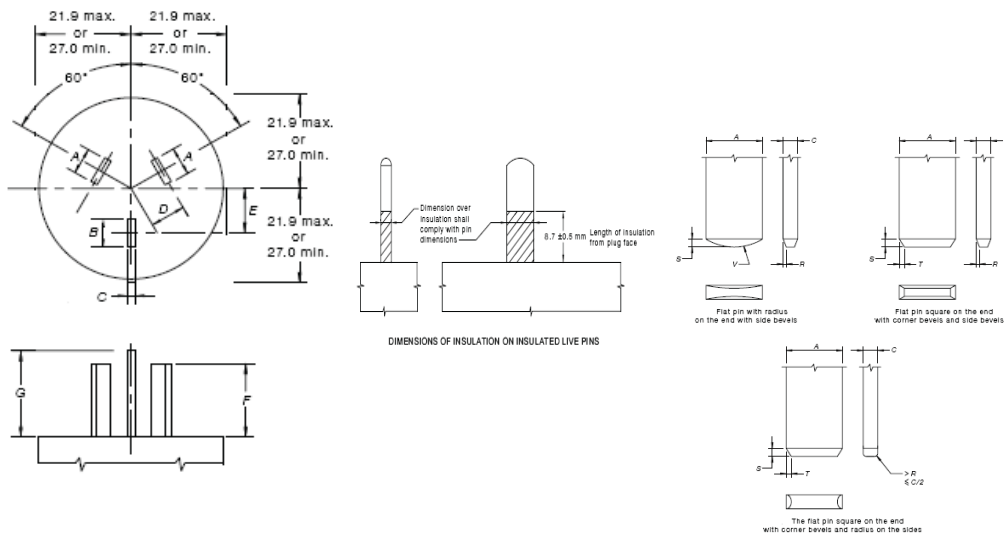
⁴ AS/NZS3820:2009/ Amdt 1:2011 Essential safety requirements for low voltage electrical equipment

MAINS VOLTAGE, FREQUENCY AND MAINS PLUG CONFIGURATION

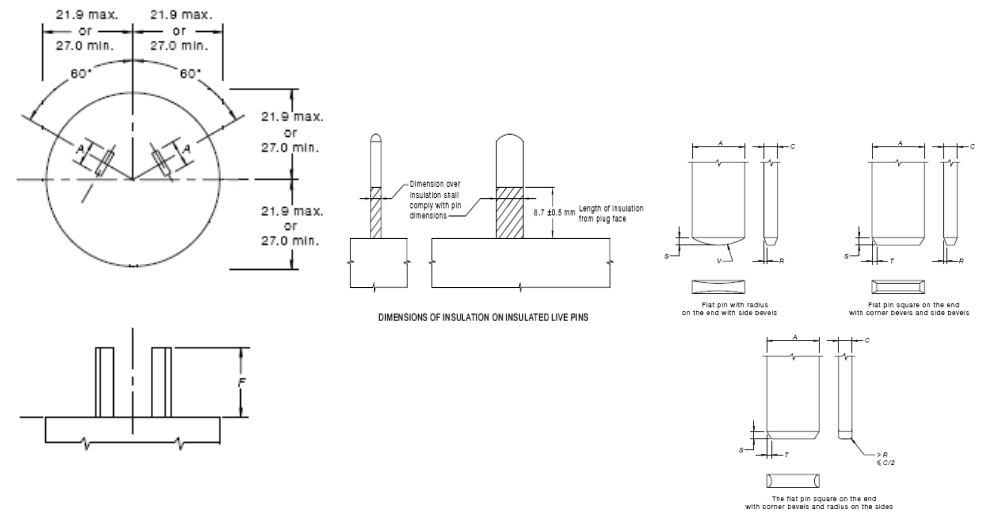
Country	Mains Voltage and Tolerance	Mains Frequency and Tolerance	Applicable Legislation	Mains Plug Configuration			
				Domestic Standard	Please Tick Box if mandatory	Relevant International Standard	Extent of Alignment
AUSTRALIA	240V single Phase Tolerance +10%, - 6%	50 Hz Tolerance +/- 0.1%	Several separate state Acts & regulations	AS/NZS 3112		IEC 60906-1	MOD

Diagram of Mains Plug Configuration

Thee Inline Type With connection to earth 250V 10A



Three Inline Type without connection to earth 250V 10A



MAINS VOLTAGE, FREQUENCY AND MAINS PLUG CONFIGURATION

Country	Mains Voltage and Tolerance	Mains Frequency and Tolerance	Applicable Legislation	Mains Plug Configuration			
				Domestic Standard	Please Tick Box if mandatory	Relevant International Standard	Extent Alignment

Diagram of Mains Plug Configuration

Thee Inline Type With connection to earth 250V 15A

