

IEC 60065, 7th edition (2001)
Electronic apparatus

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Country	Remark	Group differ.	National differ.	National Standard
AT Austria		Yes	-	
OVE		Yes	-	
AU Australia		-	Yes	
SAI Global		-	Yes	
BE Belgium		Yes	-	
CEBEC	R	Yes	-	
CA Canada		-	Yes	
CSA		-	Yes	
ULC	R	-	Yes	
ENTECLA Canada		-	Yes	
CH Switzerland		Yes	-	
ELECTROSUISSE		Yes	-	
CS-Serbia and Montenegro		-	-	
SZS	R	-	-	
DE Germany		Yes	Yes	
VDE		Yes	Yes	
TUV RHEINLAND		Yes	Yes	
TUV PS		Yes	Yes	
LGA		Yes	Yes	
ETS		Yes	Yes	
DK Denmark		Yes	Yes	
UL International Demko A/S		Yes	Yes	
FI Finland		Yes	-	
SGS Fimko		Yes	-	
FR France		Yes	-	
LCIE		Yes	-	
GB United Kingdom		Yes	Yes	EN60065:2002 (not yet published)
ASTABEAB		Yes	Yes	
BSI		Yes	Yes	
GR Greece		Yes	-	
HU Hungary		-	-	
MEEI		-	-	
IL Israel		-	-	
SII		-	-	
IT Italy		Yes	-	
IMQ S.p.a		Yes	-	
KR Republic of Korea		-	-	
KETI		-	-	
MY Malaysia		-	-	
SIRIM		-	-	
NL The Netherlands		-	-	
KEMA		-	-	
NO Norway		Yes	Yes	NEK - EN 60065 (2002)
NEMKO		Yes	Yes	
PL Poland		-	-	
PCBC		-	-	
BBJ-SEP	R	-	-	
PREDOM-OBR	R	-	-	
SE Sweden		Yes	Yes	SS-EN 60065, 3rd EDITION (2002)
SEMKO		Yes	Yes	
SG Singapore		-	-	
PSB Corp.		-	-	
SI Slovenia		-	-	
SIQ		-	-	
SK Slovakia		-	-	STN EN 60065
UA Ukraine		-	-	
US United States of America		-	Yes	UL 60065
UL		-	Yes	
TUV RH NA		-	Yes	

Country	Remark	Group differ.	National differ.	National Standard
ITS		-	Yes	

NATIONAL DIFFERENCES

AU

Annex ZZ
(normative)
Variations to IEC 60065:2001 for application
in Australia and New Zealand

ZZ.1 Introduction

This Annex sets out variations between this Standard and IEC 60065:2001. These variations indicate national variations for purposes of the IECEE CB Scheme and will be published in the IECEE CB Bulletin. These variations are indicated within the body of the Standard by shading and strikethrough.

ZZ.2 Variations

The variations are as follows:

Clause

7.1.5

In Table 3 under item c) add an h) in both columns against 'thermoplastic materials' and add the following new footnote:

h As an alternative to the method described in footnote f) the following variation may be used where there is any doubt about the suitability of the material:

The ball-pressure test described in AS/NZS 60695.10.2 may be carried out.

To assess compliance under normal operating conditions, the test shall be made in a heating cabinet at a temperature of 40°C ±2°C plus the maximum temperature rise determined under normal operating conditions but, it shall be at least

- for external parts 75°C ±2°C
- for materials supporting parts conductively connected

to the mains 125°C ±2°C

7.2

After the second paragraph, add the following:

The alternative method described in footnote h) of Table 3 may be used.

15.1.1

After the second paragraph, add the following:

Plugs for the connection of apparatus to mains-powered socket-outlets shall comply with AS/NZS 3112 or AS/NZS 3123. Apparatus with a plug portion, suitable for insertion into a 10 A 3-pin flat-pin socket-outlet complying with AS/NZS 3112, shall comply with the requirements of AS/NZS 3112 for equipment with integral pins for insertion into socket-outlets.

15.3.5

In Table 15, in the second and third rows of the first column replace '6' with '7.5'.

16.2

In Table 18, in the second and third rows of the first column replace '6' with '7.5'.

16.3

In item (b), add the following:

A flexible cord complying with AS/NZS 3191 need not undergo this test.

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Add the following after NOTE 2:

For alternative test refer to Clause 20.201.

20.1.4

In Table 21, in the third and fourth columns change both 'HB75' and 'No requirement' to 'V-1'.

20.2.3

After this Clause, add the following variation:

20.201 Resistance to fire—Alternative tests

20.201.1 General

Parts of non-metallic material shall be resistant to ignition and the spread of fire.

This requirement does not apply to decorative trims, knobs and other parts unlikely to be ignited or to propagate flames originating from inside the apparatus, or the following:

a) Components that are contained in an enclosure having a flammability category of V-0 according to AS/NZS 60695.11.10 and having openings only for the connecting wires filling the openings completely, and for ventilation not exceeding 1 mm in width regardless of length.

b) The following parts which would contribute negligible fuel to a fire:

- small mechanical parts, the mass of which does not exceed 4 g, such as mounting parts, gears, cams, belts and bearings;
- small electrical components, such as capacitors with a volume not exceeding 1 750 mm³, integrated circuits, transistors and optocoupler packages, if these components are mounted on material of flammability category V-1 or better according to AS/NZS 60695.11.10.

NOTE – In considering how to minimize propagation of fire and what 'small parts' are, account should be taken of the cumulative effect of small parts adjacent to each other for the possible effect of propagating fire from one part to another.

Compliance shall be checked by the tests of 20.201.2.1, 20.201.2.2. and 20.201.2.3

For the base material of printed boards, compliance shall be checked by the test of 20.201.2.4.

The tests shall be carried out on parts of non-metallic material which have been removed from the apparatus. When the glow-wire test is carried out, they are placed in the same orientation as they would be in normal use.

These tests are not carried out on internal wiring.

20.201.2 Tests

20.201.2.1 Testing of non-metallic parts