



Consumer Goods (Self-balancing Scooters) Safety Standard 2018

made under subsection 104(1) of Schedule 2 of the
Competition and Consumer Act 2010

Compilation No. 2

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About this compilation

This compilation

This is a compilation of the *Consumer Goods (Self-balancing Scooters) Safety Standard 2018* that shows the text of the law as amended and in force on 2 July 2021 (the **compilation date**).

The notes at the end of this compilation (the **endnotes**) include information about amending laws and the amendment history of provisions of the compiled law.

Uncommenced amendments

The effect of uncommenced amendments is not shown in the text of the compiled law. Any uncommenced amendments affecting the law are accessible on the Legislation Register (www.legislation.gov.au). The details of amendments made up to, but not commenced at, the compilation date are underlined in the endnotes. For more information on any uncommenced amendments, see the series page on the Legislation Register for the compiled law.

Application, saving and transitional provisions for provisions and amendments

If the operation of a provision or amendment of the compiled law is affected by an application, saving or transitional provision that is not included in this compilation, details are included in the endnotes.

Editorial changes

For more information about any editorial changes made in this compilation, see the endnotes.

Modifications

If the compiled law is modified by another law, the compiled law operates as modified but the modification does not amend the text of the law. Accordingly, this compilation does not show the text of the compiled law as modified. For more information on any modifications, see the series page on the Legislation Register for the compiled law.

Self-repealing provisions

If a provision of the compiled law has been repealed in accordance with a provision of the law, details are included in the endnotes.

Contents

Part 1—Preliminary	1
1 Name.....	1
3 Authority.....	1
5 Purpose	1
6 Definitions	1
Part 2—Requirements	3
7 Safety standard for self-balancing scooters.....	3
Endnotes	4
Endnote 1—About the endnotes	4
Endnote 2—Abbreviation key	5
Endnote 3—Legislation history	6
Endnote 4—Amendment history	7

Part 1—Preliminary

1 Name

This instrument is the *Consumer Goods (Self-balancing Scooters) Safety Standard 2018*.

3 Authority

This instrument is made under subsection 104(1) of the Australian Consumer Law.

Note: The reference to the Australian Consumer Law is a reference to Schedule 2 to the *Competition and Consumer Act 2010* as it applies as a law of the Commonwealth, States and Territories: see section 140K of that Act and corresponding provisions of Acts of States and Territories applying that Schedule.

5 Purpose

This safety standard sets out safety requirements that self-balancing scooters must comply with under the Australian Consumer Law.

Note: For the requirement to comply with a safety standard, see section 106 of the Australian Consumer Law.

6 Definitions

In this instrument:

AS/NZS 60335.1:2011 means Australian/New Zealand Standard *AS/NZS 60335.1:2011 Household and similar electrical appliances—Safety Part 1: General Requirements (IEC 60335-1 Ed 5.2, MOD)*, published jointly by, or on behalf of, Standards Australia and Standards New Zealand, as in force or existing at the time when this section commences.

Note: AS/NZS 60335.1:2011 could in 2018 be purchased from SAI Global's website (<https://www.saiglobal.com>). The Australian Competition and Consumer Commission can make a copy of the standard available for viewing at one of its offices, subject to licensing conditions.

AS/NZS 60335.2.201:2016 means Australian/New Zealand Standard *AS/NZS 60335.2.201:2016 Household and similar electrical applications—Safety—Part 2.201: Particular requirements for battery powered self-balancing personal transport devices*, published jointly by, or on behalf of, Standards Australia and Standards New Zealand, as in force or existing at the time when this section commences.

Note: AS/NZS 60335.2.201:2016 could in 2018 be purchased from SAI Global's website (<https://www.saiglobal.com>). The Australian Competition and Consumer Commission can make a copy of the standard available for viewing at one of its offices, subject to licensing conditions.

Section 6

IEC 60335-1:2010 means *IEC 60335-1:2010+AMD1:2013+AMD2:2016 Household and similar electrical appliances - Safety - Part 1: General requirements*, published by the International Electrotechnical Commission, as in force or existing at the time when this section commences.

Note: IEC 60335-1:2010 could in 2018 be purchased from the IEC's website (<https://webstore.iec.ch>). The Australian Competition and Consumer Commission can make a copy of the standard available for viewing at one of its offices, subject to licensing conditions.

IEC 62133-2:2017 means *IEC 62133-2:2017 Secondary cells and batteries containing alkaline or other non-acid electrolytes - Safety requirements for portable sealed secondary cells, and for batteries made from them, for use in portable application - Part 2: Lithium systems*, published by the International Electrotechnical Commission, as in force or existing at the time when this section commences.

Note: IEC 62133-2:2017 could in 2018 be purchased from the IEC's website (<https://webstore.iec.ch>). The Australian Competition and Consumer Commission can make a copy of the standard available for viewing at one of its offices, subject to licensing conditions.

self-balancing scooter means a ride-on device that:

- (a) has 1 or 2 wheels; and
- (b) has no steering grips, seat or handlebars; and
- (c) is powered by a lithium-ion battery that is rechargeable via connection to a mains power supply.

Note: Self-balancing scooters are also known as hoverboards, gliders, smart boards, sky walkers, monoboards and mod boards.

UL 2272 means *UL 2272 - Standard for Electrical Systems for Personal E-Mobility Devices*, published by the Underwriters Laboratories Inc., as in force or existing at the time when this section commences.

Note: UL 2272 could in 2018 be purchased from the Underwriters Laboratories Inc. (<https://standardscatalog.ul.com>). The Australian Competition and Consumer Commission can make a copy of the standard available for viewing at one of its offices, subject to licensing conditions.

Part 2—Requirements

7 Safety standard for self-balancing scooters

- (1) A self-balancing scooter must comply with the requirements set out in subsection (2), (3) or (4).
- (2) A self-balancing scooter complies with the requirements in this subsection if the scooter complies with:
 - (a) IEC 62133-2:2017; and
 - (b) one of the following:
 - (i) section 11 (heating) of IEC 60335-1:2010, as amended by Annex B to that standard;
 - (ii) section 11 (heating) of AS/NZS 60335.1:2011, as amended by Annex B to that standard;
 - (iii) section 11 (heating) of AS/NZS 60335.1:2011, as amended by Annex B to that standard and section 11 (heating) of AS/NZS 60335.2.201:2016; and
 - (c) one of the following:
 - (i) section 19 (abnormal operation) of IEC 60335-1:2010, as amended by Annex B to that standard;
 - (ii) section 19 (abnormal operation) of AS/NZS 60335.1:2011, as amended by Annex B to that standard;
 - (iii) section 19 (abnormal operation) of AS/NZS 60335.1:2011, as amended by Annex B to that standard and section 19 (abnormal operation) of AS/NZS 60335.2.201:2016.
- (3) A self-balancing scooter complies with the requirements in this subsection if the scooter complies with the following provisions of UL 2272:
 - (a) section 12 (fuses);
 - (b) subsections 16.1 to 16.5 (protective circuits and safety analysis);
 - (c) section 17 (cells);
 - (d) section 24 (overcharge test);
 - (e) section 25 (short circuit test);
 - (f) section 27 (temperature test);
 - (g) section 28 (imbalanced charging test).
- (4) A self-balancing scooter complies with the requirements in this subsection if the scooter complies with the requirements of the *Consumer Goods (Self-balancing Scooters) Safety Standard 2016*:
 - (a) as in force immediately before 26 May 2018; and
 - (b) as if that standard were varied by substituting references to IEC 62133 with references to IEC 62133-2:2017.

Note: The *Consumer Goods (Self-balancing Scooters) Safety Standard 2016* could in 2019 be viewed on the Federal Register of Legislation website (<https://www.legislation.gov.au>).

Endnotes

Endnote 1—About the endnotes

Endnotes

Endnote 1—About the endnotes

The endnotes provide information about this compilation and the compiled law.

The following endnotes are included in every compilation:

Endnote 1—About the endnotes

Endnote 2—Abbreviation key

Endnote 3—Legislation history

Endnote 4—Amendment history

Abbreviation key—Endnote 2

The abbreviation key sets out abbreviations that may be used in the endnotes.

Legislation history and amendment history—Endnotes 3 and 4

Amending laws are annotated in the legislation history and amendment history.

The legislation history in endnote 3 provides information about each law that has amended (or will amend) the compiled law. The information includes commencement details for amending laws and details of any application, saving or transitional provisions that are not included in this compilation.

The amendment history in endnote 4 provides information about amendments at the provision (generally section or equivalent) level. It also includes information about any provision of the compiled law that has been repealed in accordance with a provision of the law.

Editorial changes

The *Legislation Act 2003* authorises First Parliamentary Counsel to make editorial and presentational changes to a compiled law in preparing a compilation of the law for registration. The changes must not change the effect of the law. Editorial changes take effect from the compilation registration date.

If the compilation includes editorial changes, the endnotes include a brief outline of the changes in general terms. Full details of any changes can be obtained from the Office of Parliamentary Counsel.

Misdescribed amendments

A misdescribed amendment is an amendment that does not accurately describe the amendment to be made. If, despite the misdescription, the amendment can be given effect as intended, the amendment is incorporated into the compiled law and the abbreviation “(md)” added to the details of the amendment included in the amendment history.

If a misdescribed amendment cannot be given effect as intended, the abbreviation “(md not incorp)” is added to the details of the amendment included in the amendment history.

Endnote 2—Abbreviation key

ad = added or inserted	o = order(s)
am = amended	Ord = Ordinance
amdt = amendment	orig = original
c = clause(s)	par = paragraph(s)/subparagraph(s) /sub-subparagraph(s)
C[x] = Compilation No. x	pres = present
Ch = Chapter(s)	prev = previous
def = definition(s)	(prev...) = previously
Dict = Dictionary	Pt = Part(s)
disallowed = disallowed by Parliament	r = regulation(s)/rule(s)
Div = Division(s)	reloc = relocated
ed = editorial change	renum = renumbered
exp = expires/expired or ceases/ceased to have effect	rep = repealed
F = Federal Register of Legislation	rs = repealed and substituted
gaz = gazette	s = section(s)/subsection(s)
LA = <i>Legislation Act 2003</i>	Sch = Schedule(s)
LIA = <i>Legislative Instruments Act 2003</i>	Sdiv = Subdivision(s)
(md) = misdescribed amendment can be given effect	SLI = Select Legislative Instrument
(md not incorp) = misdescribed amendment cannot be given effect	SR = Statutory Rules
mod = modified/modification	Sub-Ch = Sub-Chapter(s)
No. = Number(s)	SubPt = Subpart(s)
	<u>underlining</u> = whole or part not commenced or to be commenced

Endnotes

Endnote 3—Legislation history

Endnote 3—Legislation history

Name	Registration	Commencement	Application, saving and transitional provisions
Consumer Goods (Self-balancing Scooters) Safety Standard 2018	25 May 2018 (F2018L00659)	Sch 1 (item 2): Repealed before commencing (s 2(1) item 3) Remainder: 26 May 2018 (s 2(1) items 1, 2)	
Consumer Goods (Self-balancing Scooters) Amendment Safety Standard 2019	8 Apr 2019 (F2019L00569)	9 Apr 2019 (s 2(1) item 1)	—
Consumer Goods (Self-balancing Scooters) Amendment Safety Standard 2021	1 July 2021 (F2021L00937)	2 July 2021 (s 2(1) item 1)	—

Endnote 4—Amendment history

Endnote 4—Amendment history

Provision affected	How affected
Part 1	
s 2	am F2019L00569; F2021L00937 rep LA s 48D
s 4	rep F2021L00937
Part 2	
s 7	am F2019L00569
Schedule 1	
item 1	rep LA s 48C
item 2	rep F2021L00937