



Cycles—Cycle trailers—Safety requirements and test methods (EN 15918:2011, MOD)

This national standard is the adoption of EN 15918:2011 with national modifications as set out in Appendices ZZ and ZA to take account of Australian conditions with the permission of the European Committee for Standardization - CEN, Rue de la Science 23, B-1040 Brussels, Belgium.



This Australian Standard® was prepared by Committee CS-110, Bicycles and Bicycle Accessories. It was approved on behalf of the Council of Standards Australia on 20 April 2018.

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The following are represented on Committee CS-110:

- Association of Accredited Certification Bodies
 - Australian Chamber of Commerce and Industry
 - Australian Competition and Consumer Commission
 - Austroads
 - Bicycle Industries Australia
 - Bicycle NSW
 - Centre for Accident Research and Road Safety—Queensland
 - CHOICE
 - Consumers Federation of Australia
 - Monash Injury Research Institute
 - National Retail Association
 - Royal Australian College of Surgeons
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This Standard was issued in draft form for comment as DR AS EN 15918:2016.

Standards Australia wishes to acknowledge the participation of the expert individuals that contributed to the development of this Standard through their representation on the Committee and through the public comment period.

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AS 15918:2018

Australian Standard[®]

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requirements and test methods
(EN 15918:2011, MOD)**

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PREFACE

This Standard was prepared by the Standards Australia Committee CS-110, Bicycles and Bicycle Accessories.

The objective of this Standard is to specify the safety requirements and test methods for trailers that are intended to be attached to pedal cycles, including electrically power-assisted pedal cycles. The following trailers are covered by this Standard:

- (a) Two track trailers that are intended to transport a cargo load, or up to two passive child passengers—both passengers should be capable of sitting unaided and neither of whom weighs more than 22 kg.
- (b) Single track trailer cycles that are intended to be attached to a lead cycle to transport a single child passenger who is capable of sitting unaided, and who may contribute towards the propulsion of the vehicle by pedalling ('tagalongs').

The specified safety requirements and test methods aim to ensure that—

- (i) a child is not exposed to hazards while being transported in a trailer attached to a pedal cycle, excluding hazards arising in a crash (i.e. fall or collision); and
- (ii) the child with trailer represents as minimal a hazard as possible for the operator of the pedal cycle to which they are attached.

The performance specifications do not relate to the protection offered by a seat in a crash, and this function has not been evaluated.

Figure ZA4.1.4 reprinted, with permission, from ASTM F2917-12 *Standard Specification for Bicycle Trailer Cycles Designed for Human Passengers*, copyright ASTM International, 100 Barr Harbour Drive, West Conshohocken, PA 19428. A copy of the complete standard may be obtained from ASTM International, www.astm.org.

This Standard is an adoption with national modifications and has been reproduced from EN 15918:2011+A2:2017, *Cycles—Cycle trailers—Safety requirements and test methods*, and has been varied as indicated to take account of Australian conditions. EN 15918:2011+A2 incorporates Amendment 1 (2013) and Amendment 2 (2017).

The modifications are specified in Appendix ZZ. A substantial modification is the inclusion of safety requirements and test methods covering single track trailer cycles in Appendix ZA.

As this Standard is reproduced from a European Standard, the following applies:

- (A) In the source text 'this European Standard' should read 'this Australian Standard'.
- (B) A full point substitutes for a comma when referring to a decimal marker.

None of the normative references in the source document have been adopted as Australian or Australian/New Zealand Standards.

The terms 'normative' and 'informative' have been used in this Standard to define the application of the annex or appendix to which they apply. A 'normative' annex or appendix is an integral part of a Standard, whereas an 'informative' annex or appendix is only for information and guidance.

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