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Speakers



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Content



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- Scope
- Background for the safety assessment
- Application of EN 1888 requirements, draft technical report (TR)
- Potential requirements and rationales

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Evolution of a product

Do you remember what a tricycle is?

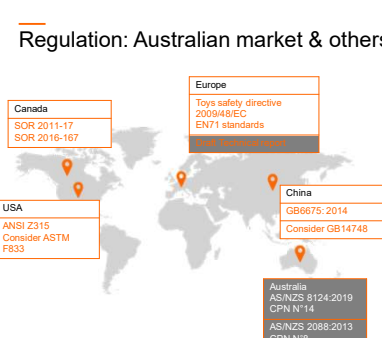


4 in 1

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Regulation: Australian market & others



Region	Regulatory Requirements
Canada	ANSI Z315 Consider ASTM F533
Europe	Toys safety directive 2009/48/EC EN71 standards Toys Directive 2009/48/EC
China	GB6675: 2014 Consider GB14748
Australia	AS/NZS 3124:2019 CPN N°14 AS/NZS 2088:2013 CPN N°8

4-in-1 Trike

File No.: 2020/0462 Date published: 10/10/2020

Product description: Little Trike 4 in 1 Trike

What are the defects?
Little Trike 4 in 1 Trike has some of the features of a stroller, but is smaller for use as a stroller to transport children and does not have the safety features required under the mandatory standard "Consumer Product Safety Standard for Pushes and Strollers (Consumer Protection Notice No 9 of 2007), as amended (14 February 2007)".

What are the hazards?
If used as a stroller to transport children, the product may cause injury to a child if the product only is an unrecalled item or if the child falls out of the product.

What should consumers do?
Consumers should not use the product as a stroller to transport children. Consumers can return the product to any B&W store for a full refund. A receipt is not required.

For more information, please contact Big W Customer Service on 1300 268 333 or visit <https://www.bigw.com.au/customer-support>

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Scope



Convertible tricycle pushchair: passive transportation function

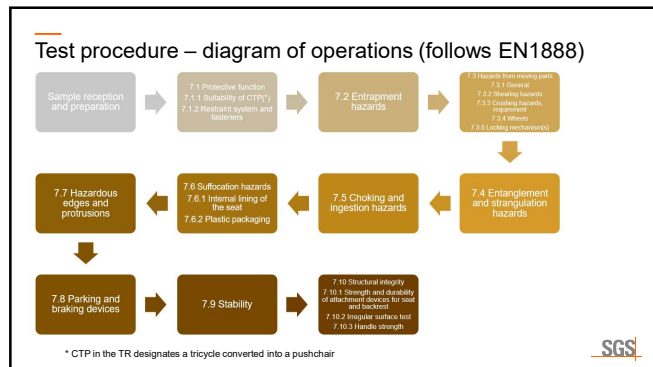
- The minimum height of the backrest is 250 mm, and
- Includes any of the below pushchair features:
 - A restraint system for the child, bumper bar
 - Possibility to semi-recline or recline the child's seat
 - Reversible child's seat
 - Footrest

Application of both Toy Safety Directive (2009/48/EC) and TR (*)

* Publication expected in the coming months

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Specific requirements

Wheels shall meet the requirement of EN71-1:2014+A1:2018 clause 4.15.1.6 b)

- No hole more than 5mm on wheels directly propelled by pedals

Requirements of EN71-1

- Shield for power transmission chains and belts
- No hole more than 5mm on wheels directly propelled by pedals
- No gap between wheel and adjacent component between 5mm and 12mm
- Prevent entrapment of the child's feet in the pedals

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Specific requirements

Comply with EN71-1 clause 5.4

Loop shall not have a perimeter of more than 380mm, 25N

Under 18 months:

- Free length of individual cord: 300mm, 25N
- Cords with the potential to tangle: 220mm, 25N
- Two cords: gauge X – length 220mm, break away: if one of them shorter than 50mm exempted

18 months to 36 months:

- Free length of individual cord: 300mm, 25N, warning can be accepted
- Cords with the potential to tangle: 300mm, 25N
- Two cords: gauge X – length 300mm, break away: if one of them shorter than 50mm exempted

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Specific requirements

Comply with EN71-1 clause 5.1

- There shall be no hazardous sharp edges, sharp points, small parts before and after the abuse tests (torque, tension, drop/tip over, compression)

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Specific requirements

Bite test

Additional to the requirements of EN71-1, the bite test on padded bumper bars, such as in EN1888

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Specific requirements

Action requirement

Parking device, required

Parking devices should be engaged simultaneously on all rear wheels with a single action.


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Conclusion

❖ **MARKETING**

- Marketed as a stroller/pushchair → EN1888
- Marketed as a tricycle only + features: combination of accessories and key features → [Technical Report](#)
- A Technical Report has not the status of a standard
- Cannot be published in the OJEU
- [Reference document](#) to assess safety
- Publication expected end 2021/early 2022

KEY POINTS



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Other (new) 3-wheeled products

NOT COVERED BY THE TR

Entrapment hazard

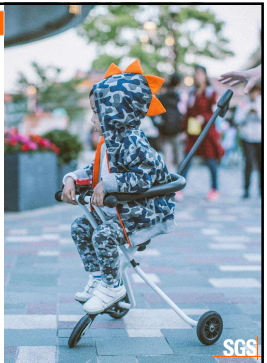
- Fingers
- Feet on pedals

Stability

- Triangle construction, leads to non-stable condition and easy to tip over, easy to tip over sideways, under EN71-1 (test mass needs to be placed in the most onerous condition-perpendicular to the seat surface)

Strength

- This kind of product has few chances to pass the durability tests and strength tests developed for strollers




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Thank you for listening

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