

200mm

180mm

160mm

140mm

120mm

100mm

88mm

80mm

60mm

40mm

10. Is the inflation pressure moulded into or onto the sidewall of the tyres?

11. Does the bicycle have foot retaining devices or toe clips? If not, there should be at least 88 mm clearance between the pedal and the front tyre or mudguard when the wheel is turned to any position.

12. Is there a chain guard shielding the junction of the chain and drive sprocket? Children's bicycles must have the upper chain and drive sprocket covered.

13. Does the drive chain operate over the sprockets without catching or binding?

14. Do the pedals have tread on both the top and bottom surfaces?

15. Are the handlebars and attachments wider than 700 mm and their height lower than 400 mm above the seat surface at its lowest position? Note: Any fittings beyond this width must be flexible.

16. Does the seat pillar have a maximum height adjustment mark?

17. Does the bicycle have a minimum of two sets of brakes? A child's bicycle must have a back-pedal brake.

18. Is the front hand brake located on the right-hand side of the handlebar and the rear brake on the left-hand side?

19. Is the bicycle fitted with front (white), rear (red), side (one yellow reflector visible from both sides) and pedal reflectors (yellow on the front and rear sides)?

20. Is the bicycle fitted with a warning device? Note: Fitting of lighting equipment to a bicycle is not compulsory but if the user intends to ride the bicycle after dark, we advise that approved lighting equipment is fitted at the time of purchase.

Elastic Luggage Straps

A mandatory standard relating to elastic luggage straps has been introduced to reduce the incidence of eye injuries caused by straps which may recoil and strike the eye.

Safety Standard

The mandatory requirements apply to single elastic straps or cords or permanently joined multiples of these fitted with a fastening device at each end. One type is commonly known as an octopus strap.

Labelling

The Trade Standards Regulations 2000 require that elastic luggage straps have a permanently attached label containing the following warning:

WARNING. Avoid eye injury. **DO NOT** over stretch. **ALWAYS** keep face and body out of recoil path. **DO NOT** use when strap has visible signs of wear or damage.

The word WARNING must be in upper case black letters not less than 4mm in height.

The words DO NOT and ALWAYS in upper case black letters of not less than 2mm in height.

The remaining text must be in lower case black letters not less than 2mm in height.

The label must have a yellow background and be clearly displayed.

Important Information

Supplier/Retailer Responsibilities

Suppliers and retailers must provide safe products and should always seek professional advice to ensure their products comply with the mandatory safety requirements.

Suppliers should contribute to the safety of consumers by:

- incorporating safety into product design;
- implementing a quality assurance program;
- complying with standards (as a minimum);
- providing clear instructions for proper use;
- identifying foreseeable misuse and providing warnings against it;
- identifying hazards associated with the product and providing warnings;
- implementing feedback systems;
- developing product recall plans and procedures; and
- responding quickly to safety concerns.

Product Liability

Section 26 of the *Trade Standards Act 1979* contains product liability provisions. Under these provisions, consumers are able to seek compensation or damages for personal injury or other loss caused by dangerous goods or services that do not comply with the appropriate safety standard.

Compliance Checks

Standards Officers from the Office of Consumer and Business Affairs conduct random checks of retail and wholesale premises throughout South Australia. They check to ensure compliance and investigate allegations of hazardous goods for sale or distribution.

Penalties

Supplying goods that do not comply with a mandatory standard is an offence under the *Trade Standards Act 1979* and may result in fines of up to \$10,000.

Note: The information provided on this sheet is of a general nature only and should not be regarded as a substitute for professional advice and/or reference to the appropriate legislation.



Government of South Australia
Office of Consumer and
Business Affairs



Government of South Australia
Office of Consumer and
Business Affairs

Further Information

If you want more information on the requirements of the Trade Standards Act 1979, please contact the Office of Consumer and Business Affairs at the above addresses, or purchase a copy of the Trade Standards Act 1979 and Regulations from Service SA, 101 Grenfell St, Adelaide, SA, 5000, telephone 13 23 24.

A copy of the relevant Australian Standard AS/NZS may be purchased from the Standards Association of Australia on free call 1300 654 646 or website www.standards.org.au

Consumer Affairs

Product Safety Branch
8 West Thebarton Road
Thebarton SA 5031
Telephone (08) 8152 0732
Facsimile (08) 8234 1486

Regional Centres

Berri
30 Kay Avenue
Berri SA 5000
Telephone 131882
Facsimile (08) 8595 2344

Mount Gambier
11 Helen Street
Mount Gambier SA 5290
Telephone 131882
Facsimile (08) 8735 1370

Port Augusta
9 Mackay Street
Port Augusta SA 5700
Telephone 131882
Facsimile (08) 8648 5155

Whyalla
1st Floor, 15 Darling Terrace
Whyalla SA 5600
Telephone 131882
Facsimile (08) 8648 8168

**Translating and
Interpreting Services (TIS)**
Telephone 131 450

www.ocba.sa.gov.au

Pedal Bicycles, Helmets and Plastic Luggage Straps

Product
Safety
Branch



www.ocba.sa.gov.au

Compliance with consumer product safety standards is mandatory. This means that all suppliers of pedal bicycles, pedal cycle helmets and elastic luggage straps, including manufacturers, distributors, importers and retailers must ensure their goods comply with the mandatory requirements. Consumers also have a responsibility to purchase safe products and to use them in a safe manner.

The safety regulations for pedal bicycles, pedal cycle helmets and elastic luggage straps complement the Commonwealth's Consumer Product Safety Standards.

Further information about the *Trade Standards Act 1979* can be obtained by contacting the Office of Consumer and Business Affairs, or purchasing a copy of the Trade Standards Act 1979 from Information SA. A copy of the Australian Standard AS/NZS can be purchased from the Standards Association of Australia. Contact details for these agencies are on the back of this brochure.

Pedal Bicycles

Safety Standard

The mandatory standard is based on Australian/New Zealand Standard AS/NZS 1927:1998 Pedal bicycles - safety requirements, published by Standards Australia.

The requirements of the mandatory standard apply to all manually powered, fully assembled or partially assembled bicycles.

Exclusions

Excluded from the requirements are:

- pedal bicycles with a wheelbase (the distance measured horizontally between the centres of the front and back axles) of less than 640 mm;
- racing cycles;
- custom-made cycles;
- cycles designed to be hinged or folded for storage/portability; and
- tandem cycles.

Requirements

To comply with the mandatory standard, bicycles must meet requirements for marking, labelling, instructions, design and performance.

Marking

Bicycles are to be permanently and legibly marked with the name and address (in Australia) of either the manufacturer, importer or other supplier and the identification number of the bicycle.

Labelling

Informative labelling is required where bicycle components need to be either adjusted or attached and adjusted. Bicycles styled or constructed to look similar to off-road or stunt bicycles (eg 'BMX', 'mountain' bikes) but are not suited for such use must be labelled with the appropriate warning statement (refer to AS/NZS 1927:1988).

Instructions

Bicycles must be supplied with use and maintenance instructions. Where a bicycle is partially assembled, simple clear and adequate instructions for completion of the assembly are also required.

Design

These requirements apply to fully assembled bicycles. Partially assembled bicycles are also subject to these requirements and must be fully assembled in accordance with the manufacturer's instructions prior to testing for compliance.

The requirements cover sharp edges, fasteners, projections, control cables, toe clearance, ground clearance, wheels, protective guards, drive chain, steering systems, pedals, braking systems, seat pillar, warning device, reflector and lighting equipment.

The mandatory standard requires that a child's bicycle (wheelbase between 640 mm and 765 mm) be equipped with not less than two braking systems and one of these systems must be a back-pedal brake.

Performance

The mandatory standard requires that both fully assembled bicycles and individual sub-assemblies meet performance requirements.

Fully assembled bicycles

Fully assembled bicycles must meet performance levels for roadworthiness, steering stability, seat pillar and seat adjustment clamp strength and braking.

Sub-assembled bicycles

Partially assembled bicycles must meet performance levels for wheels, handlebar assemblies, front forks, drive chains, pedals, brake friction pads, fork and frame assemblies.

Pedal bicycle helmets

Helmets must comply with Australian Standard AS/NZS 2063: 1996 'Pedal Cycle Helmets' or the Snell Standard (USA).

Note: Suppliers of helmets manufactured to the above mentioned Standards should ensure that their helmets comply with the applicable State and Federal legislation.

The following helmets are excluded from the mandatory standards:

- toys that may be reasonably mistaken for protective helmets. These toys must have the following warning statement on a label attached to the helmet:



- helmets (except BMX helmets) designed and constructed principally for use by cyclists engaged in competitive racing, providing the following label is attached:



*All warning statements must be a minimum of 5 mm high in block letters for the word 'WARNING' and the remaining words must be at least 2.5 mm high.

BMX helmets are designed and constructed principally for use by cyclists engaged in BMX competition racing and therefore need not comply with provisions of the mandatory standard.

What To Look For

...when buying a protective helmet for normal road use

If you are looking to buy a helmet for normal road use, ensure that each helmet is permanently marked with the manufacturer's name and address, model and size, month and year of manufacture.

Other information to be provided includes:

- a warning that no helmet can protect a wearer against all impacts;
- appropriate use and suitability of helmet for an activity eg. for bicycle use only or NOT intended for use in motor sports;
- fitting instructions;
- warnings about modification and use of non-recommended attachments;
- warnings about damage by solvents, petrol, cleaning agents etc.
- appropriate cleaning methods; and
- a warning about helmet damage through impact and general wear and tear.

What to look for when

BUYING A BICYCLE

- Is the name and address of either the manufacturer, importer or other supplier and the identification number on the bicycle?
- If the bicycle is a fully assembled bicycle with handlebars misaligned, does it have this statement attached to the handlebars? 'Caution - before riding align the handlebars correctly with the forks, adjust the seat height, and tighten in accordance with the instructions in the manual.'
- If the bicycle is a partially assembled bicycle with handlebars misaligned and only pedals detached from the frame, does it have this statement attached to the handlebars? 'Caution - before riding attach pedals and align the handlebars correctly with the forks, adjust the seat height, and tighten in accordance with the instructions in the manual.'
- Is the bicycle styled to look like a 'BMX' or 'mountain bike'? If so, the bicycle must have the following warning statement attached 'WARNING: THIS BICYCLE IS NOT DESIGNED FOR OFF-ROAD USE OR FOR STUNTING.'
- Is there an instruction manual attached to the bicycle which shows the instructions for its use, maintenance and assembly?
- Check the bicycle to see if there are any unfinished sheared metal edges or sharp parts which could harm arms or legs, particularly on each end of the front or rear mudguard and/or the end of the kickstand.
- Are there any parts protruding from the bicycle?
- Are the control cables fitted with end protectors to stop them unravelling?
- Does the bicycle have the correct ground clearance? ie. with one pedal fully down, check the sideways tilt towards that pedal before it contacts the ground is not less than 25 degrees. For children's bicycles, 20 degrees (A child's bicycle has a distance between the axles of 640 mm and 765 mm).