

Australian Standard<sup>®</sup>

**Mobile waste containers**

**Part 5: Performance requirements and  
test methods**



This Australian Standard® was prepared by Committee PL-047, Mobile Waste Containers. It was approved on behalf of the Council of Standards Australia on 4 June 2008. This Standard was published on 30 June 2008.

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The following are represented on Committee PL-047:

- Department of Environment and Climate Change, NSW
  - Plastics and Chemicals Industries Association
  - Sustainability Victoria
  - Victorian Waste Management Association
  - Waste Contractors and Recyclers Association of NSW
  - Waste Management Association of Australia
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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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Australian Standard<sup>®</sup>

## **Mobile waste containers**

### **Part 5: Performance requirements and test methods**

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## PREFACE

This Standard was prepared by Committee PL-047, Mobile Waste Containers.

The objective of this Standard is to provide manufacturers, designers and regulatory authorities with uniform minimum requirements for the design, safety and performance of mobile waste containers.

This Standard is part of a series of Standards on mobile waste containers which, when complete, will consist of the following:

### AS

- 4123 Mobile waste containers
- 4123.1 Part 1: Containers with two wheels with a capacity up to 400 L for lifting devices—Dimensions and design
- 4123.2 Part 2: Containers with four wheels with a capacity from 500 L to 1200 L with flat lid(s), for trunnion and/or lifting devices—Dimensions and design
- 4123.3 Part 3: Containers with four wheels with a capacity from 770 L to 1300 L with dome lid(s), for trunnion and/or lifting devices—Dimensions and design
- 4123.4 Part 4: Containers with four wheels with a capacity from 750 L to 1700 L with flat lid(s), for wide trunnion or BG and/or wide comb lifting devices—Dimensions and design
- 4123.5 Part 5: Performance requirements and test methods (this Standard)
- 4123.6 Part 6: Health, safety and environment
- 4123.7 Part 7: Colours, markings, and designation requirements

This Standard should not be regarded as a design specification or as an instruction manual.

In the preparation of this Standard consideration was given to—

- (a) continuity of satisfactory operation;
- (b) the prevention of injury to persons or property;
- (c) encouraging the use of recycled material in the manufacture;
- (d) consistency of colours for mobile waste containers; and
- (e) relevant international Standards.

The terms ‘normative’ and ‘informative’ are used in this Standard to define the application of the Appendix to which they apply. A normative appendix is an integral part of the standard, whereas an informative appendix is for information and guidance.

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## STANDARDS AUSTRALIA

### Australian Standard Mobile waste containers

#### Part 5: Performance requirements and test methods

## 1 SCOPE

This part of the Standard specifies the performance requirements and test methods for mobile waste containers covered under the scope of AS 4123.1, AS 4123.2, AS 4123.3 or AS 4123.4, as appropriate. This Standard further specifies the levels to be attained during the tests or after the completion of the tests.

This Standard applies to mobile waste containers of capacities up to 1700 L.

## 2 REFERENCED DOCUMENTS

The following documents are referenced in this Standard:

### AS

4123	Mobile waste containers
4123.1	Part 1: Containers with two wheels with a capacity up to 400 L for lifting devices—Dimensions and design
4123.2	Part 2: Containers with four wheels with a capacity from 500 L to 1200 L with flat lid(s), for trunnion and/or lifting devices—Dimensions and design
4123.3	Part 3: Containers with four wheels with a capacity from 770 L to 1300 L with dome lid(s), for trunnion and/or lifting devices—Dimensions and design
4123.4	Part 4: Containers with four wheels with a capacity from 750 L to 1700 L with flat lid(s), for wide trunnion or BG and/or wide comb lifting devices—Dimensions and design
4123.6	Part 6: Health, safety and environment
4123.7	Part 7: Colours, markings, and designations requirements
HB 18.28	Conformity assessment—Guidance on a third-party certification system for products

### AS/NZS ISO

9001	Quality management systems—Requirements
9004	Quality management systems—Guidelines for performance improvements

### ISO

105-B02	Textiles—Tests for colourfastness. Part B02: Colourfastness to artificial light; Xenon arc fading lamp test
1461	Hot dip galvanized coatings on fabricated iron and steel articles. Specifications and test methods.
2081	Metallic coatings—Electroplated coatings of zinc on iron or steel
4892	Plastics: Methods of exposure to laboratory light sources
4892-2	Part 2: Xenon-arc lamps