

Australian Standard[®]

Mobile waste containers

Part 6: Health, safety and environment



This Australian Standard® was prepared by Committee PL-047, Mobile Waste Containers. It was approved on behalf of the Council of Standards Australia on 8 June 2006. This Standard was published on 25 August 2006.

The following are represented on Committee PL-047:

- Department of Environment and Conservation (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 public comment period.

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Part 6: Health, safety and environment

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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 safety and performance of mobile waste containers.

This Standard has been prepared by Technical Committee PL-047, 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
- 4123.6 Part 6: Health, safety and environment (this Standard)
- 4123.7 Part 7: Colours, markings and designation requirements

In the preparation of this Standard, consideration has been 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.

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STANDARDS AUSTRALIA**Australian Standard
Mobile waste containers****Part 6: Health, safety and environment****1 SCOPE**

This Standard provides the most essential safety and health requirements for mobile waste containers.

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

2 NORMATIVE REFERENCES

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

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
- 4123.5—2006 Part 5: Performance requirements and test methods

3 DEFINITIONS

The definitions of AS 4123.1 apply.

4 GENERAL REQUIREMENTS OF CONSTRUCTION**4.1 Compatibility**

The container shall be designed and manufactured so that when it is unloaded or loaded with a nominal load, it has a good fit on an approved compatible lifting device and must be automatically locked safely into the lifting device during the tilting and emptying operation.

4.2 Safe lifting

It has to be ensured that the container can be safely fitted to the lifting device without being carried or lifted manually.

4.3 Pushing and pulling forces

Wheeled containers shall be constructed so that under test conditions according to AS 4123.5 the pushing and pulling forces to keep the container moving shall not exceed the values given in Clause 4.7.7 of AS 4123.5—2006. Pushing and pulling forces shall be declared in the instructions for use (see Clause 12).