

AS 4123.5:2024



# Mobile waste and recycling containers

## Part 5: Performance requirements and test methods



AS 4123.5:2024

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- Victorian Waste Management Association
- Waste Contractors and Recyclers Association of NSW
- Waste Management and Resource Recovery Association of Australia
- Waste Recycling Industry of Queensland

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# **Mobile waste and recycling containers**

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

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## Preface

This Standard was prepared by Standards Australia Committee PL-047, Mobile Waste and Recycling Containers, to supersede AS 4123.5—2008, *Mobile waste containers, Part 5: Performance requirements and test methods*.

The objective of this document is to specify performance requirements and test methods for mobile waste and recycling containers covered under the scope of AS 4123.1 and AS 4123.2. This document applies to containers of capacities up to 1 700 L. This does not include front lift, mini skips or other material handling bins.

This document is part of a series of Standards that provide uniform minimum requirements for the design, safety and performance of mobile waste and recycling containers and associated lifting devices. A list of all parts in the AS 4123 series can be found in the Standards Australia online catalogue.

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

The major changes to this edition are as follows:

- (a) The name of the document has been changed to include recycling containers.
- (b) External references have been updated.
- (c) Figures and tables have been updated.

The terms “normative” and “informative” are used in Standards to define the application of the appendices to which they apply. A “normative” appendix is an integral part of a Standard, whereas an “informative” appendix is only for information and guidance.

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# Australian Standard®

## Mobile waste and recycling containers

### Part 5: Performance requirements and test methods

#### 1 Scope

This document specifies performance requirements and test methods for mobile waste and recycling containers covered under the scope of the relevant parts of AS 4123 (series).

This document applies to containers of capacities up to 1 700 L. This document does not apply to front lift, mini skips or other material handling bins.

#### 2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document.

NOTE Documents referenced for informative purposes are listed in the Bibliography.

AS 4123.1, *Mobile waste and recycling containers, Part 1: Containers with two wheels and a capacity up to 400 L with flat lid(s), for lifting devices — Dimensions and design*

AS 4123.2, *Mobile waste and recycling containers, Part 2: Containers with four-wheels and a capacity from 500 L to 1 200 L for lifting devices — Dimensions and design*

AS 4123.7, *Mobile waste containers, Part 7: Colours, markings, and designations requirements*

AS/NZS ISO 9001, *Quality management systems — Requirements*

ISO 105-B02, *Textiles — Tests for colour fastness — Part B02: Colour fastness to artificial light: Xenon arc fading lamp test*

ISO 4892-2, *Plastics — Methods of exposure to laboratory light sources — Part 2: Xenon-arc lamps*

ASTM D2565, *Standard practice for xenon-arc exposure of plastics intended for outdoor applications*

ASTM D638, *Standard test method for tensile properties of plastics*

ASTM G155-21, *Standard practice for operating xenon arc light apparatus for exposure of non metallic materials*

EN 1501-5, *Refuse collection vehicles — General requirements and safety requirements — Part 5: Lifting devices for refuse collection vehicles*

#### 3 Terms and definitions

For the purposes of this document, the terms and definitions given in AS 4123.1 and the following apply.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

- (a) IEC Electropedia available at <http://www.electropedia.org>
- (b) ISO online browsing platform available at <http://iso.org>

##### 3.1

##### **competent person**

person who has acquired through training, qualifications or experience, or a combination of these, the knowledge and skills enabling that person to perform a specified task