

Australian Standard[®]

Ceramic tableware



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The following are represented on Committee CS-094:

- Australian Ceramic Society
 - Australian Competition and Consumer Commission
 - Australian National Retail Association
 - Consumers Federation of Australia
 - National Association of Testing Authorities Australia
 - Queensland Health Forensic and Scientific Services
 - The Lead Group
-

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PREFACE

This Standard was prepared by the Standards Australia Committee CS-094, Ceramic and China Tableware, to supersede AS/NZS 4371:1996.

The objective of this Standard is to provide a means of determining minimum performance levels of ceramic tableware in aspects which are relative to public health.

In the preparation of this Standard, cognizance was given to BS 4034:1990 *Specification for vitrified hotelware*, and to ISO 6486-2 *Ceramic ware, glass-ceramic ware and glass dinnerware in contact with food—Release of lead and cadmium, Part 2: Permissible limits*. The principal differences between this edition and the AS/NZS 4371:1996 edition are as follows:

- (a) An expanded definitions list for whiteware goods, and the inclusion of terms related to the representative sampling process.
- (b) The permissible limits of metals release for all ceramic tableware has largely been aligned with ISO 6486-2:1999, with the exception of cadmium release from small hollow ware, where the lower limit from the previous standard has been retained.
- (c) An informative appendix detailing the reproducibility and variability when testing for lead and cadmium release from ceramic tableware.
- (d) An informative appendix providing guidance for determining the maximum levels of lead and cadmium released from cookware.

The terms ‘normative’ and ‘informative’ have been used in this Standard to define the application of the appendix 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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STANDARDS AUSTRALIA

Australian Standard
Ceramic tableware

1 SCOPE

This Standard specifies the maximum permissible release of lead and cadmium from ceramic tableware for general use and specifies the performance and marking requirements for ceramic tableware of commercial, industrial and hotel grade.

NOTE: Guidance relating to the maximum release of lead and cadmium from cookware is provided in Appendix F.

2 NORMATIVE REFERENCES

The following documents are referred to in this Standard:

AS

1199 Sampling procedures for inspection by attributes (series 1)

2490 Sampling procedures and charts for inspection by variables for percent nonconforming

AS/NZS ISO

9000 Quality management systems—Fundamentals and vocabulary

ASTM

C368—88 Test Method for Impact Resistance of Ceramic Tableware

ISO

6486 Ceramic ware, glass-ceramic ware and glass dinnerware in contact with food—Release of lead and cadmium

6486-1 Part 1: Test method

6486-2 Part 2: Permissible limits

3 DEFINITIONS

For the purpose of this Standard, the definitions below apply.

3.1 Consignment

Number of items supplied in response to a single order.

3.2 Cups and mugs

Small ceramic hollow ware commonly used for consumption of beverages of elevated temperature, e.g. coffee or tea.

NOTE: Cups and mugs are generally vessels with a handle. Cups typically have curved sides whereas mugs have straight sides.

3.3 Flatware

Ceramic ware having an internal depth not exceeding 25 mm, measured from the lowest point to the horizontal plane passing through the point of overflow.

3.4 Hollow ware

Ceramic ware having an internal depth greater than 25 mm, measured from the lowest point to the horizontal plane passing through the point of overflow. Hollow ware is subdivided into three categories based on volume: