

Australian Standard<sup>®</sup>

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**Refractories and refractory  
materials—Chemical analysis**

**Part 1: Silica refractories**

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This Australian Standard was prepared by Committee MN/7, Refractories and Refractory Materials. It was approved on behalf of the Council of Standards Australia on 15 November 1995 and published on 5 March 1996.

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The following interests are represented on Committee MN/7:

Aluminium Development Council  
Australasian Ceramic Society  
Australasian Institute of Mining and Metallurgy  
Bureau of Steel Manufacturers of Australia  
Cement Industry Federation  
CSIRO, Division of Materials Science and Technology  
Refractories Manufacturers Association of Australia  
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## PREFACE

This Standard was prepared by the Standards Australia Committee on Refractories and Refractory Materials as a revision of AS 2503.1—1981, *Chemical analysis of refractories and refractory materials*, Part 1: *Silica refractory materials*. It deals with the chemical analysis of silica refractory materials. Separate parts of this Standard deal with the analysis of the other refractory materials in the series, as follows:

Part 2: Aluminosilicate refractories

Part 3: High alumina materials

Part 4: Dolomites and magnesites

Part 5: Chrome-bearing materials

The committee acknowledges the documented work of ISO/TC 33, *Refractories*, and the reference standard BS 1902, *Methods of testing refractory materials*, which were used as source materials in the development of this Standard.

The objective of this revision is to bring the Standard into alignment with current style.

The term 'informative' has been used in this Standard to define the application of the appendix to which it applies. An 'informative' appendix is only for information and guidance only.

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