

Australian Standard™

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**Ferroalloys—Specifications**

**Part 3: Ferrosilicon**

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This Australian Standard was prepared by Committee MN/6, Ferroalloys. It was approved on behalf of the Council of Standards Australia on 12 June 1998 and published on 5 August 1998.

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The following interests are represented on Committee MN/6:

Australasian Institute of Mining and Metallurgy

Australian Foundry Institute

Bureau of Steel Manufacturers of Australia

The Royal Australian Chemical Institute

Steel Reinforcement Institute of Australia

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**Ferrous Alloys—Specifications**

**Part 3: Ferrosilicon**

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## PREFACE

This Standard was prepared by the Standards Australia Committee MN/6, Ferroalloys to provide specifications for ferrosilicon.

In preparing this Standard, reference was made to the following international Standards:

ISO 5445:1980 Ferrosilicon—Specification and conditions of delivery

ASTM A100-93 Specification for ferrosilicon

JIS G 2302-1986 Ferrosilicon

ISO 5445 is a very general document having limited commercial application to the Australian industry. The following particular points are of relevance:

- (a) Chemical analysis for the major element, in this case silicon, must comply with a specified concentration range. Material that does not fall within this concentration range warrants a complaint. The ISO standard refers only to nominal target concentrations.
- (b) Many clauses of ISO 5445 make mention of agreements between the parties concerned. Such statements in relation to the specifications render the document unacceptable as an Australian Standard.
- (c) The general terminology in ISO 5445 is unacceptable. Terms such as *preferably*; *other methods*; *may be used*; *may be agreed* detract from the reasons for preparing specifications.

The objective of this Standard is to prepare an appropriate Australian document which clearly defines specifications and test methods to be used and reflects the real needs of producers, traders and customers in the ferroalloys industry of Australia.

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