

STANDARDS AUSTRALIA

RECONFIRMATION

OF

AS 1774.35—2007

**Refractories and refractory materials—Physical test methods
Method 35: Guide to the determination of resistance to corrosive reagents**

RECONFIRMATION NOTICE

Technical Committee MN-007 has reviewed the content of this publication and in accordance with Standards Australia procedures for reconfirmation, it has been determined that the publication is still valid and does not require change.

Certain documents referenced in the publication may have been amended since the original date of publication. Users are advised to ensure that they are using the latest versions of such documents as appropriate, unless advised otherwise in this Reconfirmation Notice.

Approved for reconfirmation in accordance with Standards Australia procedures for reconfirmation on 19 August 2015.

The following are represented on Technical Committee MN-007:

Australian Ceramic Society
Bureau of Steel Manufacturers of Australia
Cement Industry Federation
CSIRO
Institute of Refractories Engineers
Refractories Manufacturers Association of Australia
The University of New South Wales

NOTES

**Refractories and refractory materials—Physical
test methods****Method 35: Guide to the determination of
resistance to corrosive reagents**

PREFACE

This Guide was prepared by Standards Australia Committee MN-007, Refractories and Refractory Materials as an addition to the AS 1774 series of Standards.

This Guide was prepared in consultation with the ferrous and non-ferrous industries and refractory manufacturers.

The objective of this Guide is to bring the various tests relating to the determination of the resistance of refractories to corrosive reagents into one document.

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METHOD

SECTION 1 SCOPE AND GENERAL

1.1 SCOPE

This Guide sets out five methods that may be used to give a qualitative estimate of corrosion due to corrosive reagents.

1.2 REFERENCES

The following documents are referred to in this Standard:

AS	
1774	Refractories and refractory materials—Physical test methods
1774.4	Part 4: Preparation of test pieces (series)
1774.30	Part 30: Drying and firing schedules
1774.32	Part 32: Refractory products containing carbon—Test methods
2243	Safety in laboratories (series)
2780	Refractories and refractory materials—Glossary of terms

1.3 DEFINITIONS

For the purpose of this Standard, the definitions given in AS 2780 apply.