STANDARDS AUSTRALIA

RECONFIRMATION

OF
AS 1774.24—2006
Refractories and refractory materials—Physical test methods
Method 24: Determination of the resistance to thermal shock

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

AS 1774.24—2006
Reconfirmed 2017

Australian Standard®

Refractories and refractory materials—Physical test methods

Method 24: Determination of the resistance to thermal shock

PREFACE

This Standard was prepared by Standards Australia Committee MN-007, Refractories and Refractory Materials, to supersede AS 1774.24—1997, *Refractories and refractory materials—Physical test methods*, Method 24: *Resistance to thermal shock*.

METHOD

1 SCOPE

This Standard describes a procedure for the determination of the resistance to thermal shock of refractory products.

This method is not suitable for carbon containing refractories.

2 REFERENCES

AS
1774 Refractories and refractory materials—Physical test methods
1774.3 Method 3: Determination of cold modulus of rupture
1774.4 Method 4: Preparation of test pieces (series)
1774.30 Method 30: Drying and firing schedules
2243 Safety in laboratories (series)
2780 Refractories and refractory materials—Glossary of terms

3 DEFINITIONS

For the purpose of this Standard, the definitions in AS 2780 and those below apply:

3.1 Control specimen

The specimen subjected to the same conditions as the test specimen except for the thermal cycling.

3.2 Required temperature

The required temperature is 1000 ±10°C or a temperature as agreed between the interested parties.