STANDARDS AUSTRALIA

RECONFIRMATION

OF
AS 1774.34—2004
Refractories and refractory materials—Physical test methods
Method 34: Guide to the determination of extrusion pressure and curing time of taphole clay

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

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Australian Standard™

Refractories and refractory materials—Physical test methods

Method 34: Guide to the determination of extrusion pressure and curing time of taphole clay

PREFACE

This Guide was prepared by Standards Australia Committee, MN-007, Refractories and Refractory Materials.

The objective of this Guide is to provide manufacturers and users of refractories tap hole clays with qualitative methods to determine the consistency and heat setting behaviour of the product.

METHOD

1 SCOPE

This Guide provides recommended methods for determining the extrusion pressure (consistency) and the curing time of taphole clays.

2 REFERENCED DOCUMENTS

AS
2243 Safety in laboratories (series)

2780 Refractories and refractory materials—Glossary of terms

3 DEFINITIONS

For the purpose of this Guide, the definitions in AS 2780 and those below apply.

3.1 Required temperature

The required temperature is 50°C or a temperature as agreed between the interested parties.

4 SAFETY

For information on safety in laboratories refer to AS 2243.

For safety information on taphole clay materials, refer to the relevant material safety data sheets.