

Method for

The determination of aluminium in magnesium and magnesium alloys (Photometric method) —

Methods for the analysis of magnesium
and magnesium alloys

Confirmed November 2011

Co-operating organizations

The Non-ferrous Metals Industry Standards Committee, under whose supervision this British Standard was prepared, consists of representatives from the following Government departments and scientific and industrial organizations:

- Aluminium Federation
- Association of Bronze and Brass Founders
- Board of Trade
- British Bronze and Brass Ingot Manufacturers' Association
- British Lead Manufacturers' Association
- British Non-ferrous Metals Federation
- British Non-ferrous Metals Federations — High Conductivity Copper Group
- British Non-ferrous Metals Research Association*
- Copper Development Association
- Crown Agents for Oversea Governments and Administrations
- Electric Cable Makers' Confederation
- Institute of British Foundrymen
- Institute of Metals
- Institution of Mechanical Engineers (Automobile Division)
- Institution of Mining and Metallurgy
- Institution of Production Engineers
- Institution of Structural Engineers
- Lead Development Association
- Light Metal Founders' Association
- London Metal Exchange
- Magnesium Industry Council*
- Ministry of Defence (Army)*
- Ministry of Defence (Navy)
- National Brassfoundry Association
- Non-ferrous Metal Stockists*
- Post Office
- Royal Institute of British Architects
- Society of Motor Manufacturers and Traders Ltd.*
- Tin Research Institute
- Zinc Development Association
- Individual manufacturers

The Government department and scientific and industrial organizations marked with an asterisk in the above list, together with the following, were directly represented on the committee entrusted with the preparation of this British Standard:

This British Standard, having been approved by the Non-ferrous Metals Industry Standards Committee, was published under the authority of the Executive Board on 19 March 1971

- Institute of Sheet Metal Engineering
- Department of Trade and Industry
- Department of Trade and Industry — Laboratory of the Government Chemist
- Individual analysts

© BSI 12-1999

The following BSI references relate to the work on this standard:
Committee references NFE/23 and NFE/23/4
Draft for comment 70/5245

ISBN 0 580 06178 7

Amendments issued since publication

Amd. No.	Date	Comments

Contents

	Page
Co-operating organizations	Inside front cover
Foreword	ii
1 Introduction	1
2 Apparatus	1
3 Solutions required	1
4 Sampling	1
5 Procedure	1
6 Calibration	2
7 Calculation	2
8 Notes	2