

Method for

The determination of aluminium in solders and white metal bearing alloys (Photometric method) —

Methods for the sampling and analysis
of tin and tin alloys

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

The Government departments 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:

British Railways Board	London Transport Board
British Tin Box Manufacturers' Federation	Solder Makers' Association
Cable Makers' Association	Tinplate Conference (1925)
Electronic Engineering Association	Tin Producers' Association
Gas Council	White Metal Bearing Manufacturers
Institution of Gas Engineers	Individual firms

This British Standard, having been approved by the Non-ferrous Metals Industry Standards Committee and endorsed by the Chairman of the Engineering Divisional Council, was published under the authority of the General Council on 28 July 1966

© BSI 12-1999

The following BSI references relate to the work on this standard:
Committee references NFE/27, NFE/27/1
Draft for comment D65/3166

ISBN 0 580 03187 X

Amendments issued since publication

Amd. No.	Date	Comments

Contents

	Page
Co-operating organizations	Inside front cover
Foreword	ii
Introduction	1
Apparatus	1
Solutions required	1
Sampling	1
Procedure	1
Calibration	2
Notes	2