

CONFIRMED
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Specification for

Compositional limits of chemical lead

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Cooperating organizations

The Non-ferrous Metals Standards Committee, under whose direction this British Standard was prepared, consists of representatives from the following:

- Aluminium Federation
- British Electrical and Allied Manufacturers' Association (BEAMA)
- British Lead Manufacturers' Association*
- British Non-ferrous Metals Federation
- Copper Development Association
- Electric Cable Makers' Confederation*
- Institute of British Foundrymen
- Institution of Mechanical Engineers
- Institution of Structural Engineers
- International Tin Research Institute
- Lead Development Association*
- Light Metal Founders' Association
- London Metal Exchange
- Magnesium Industry Council
- Non-ferrous Metal Stockists
- Royal Institute of British Architects*
- Society of Motor Manufacturers and Traders Ltd.
- Zinc Development Association

The organizations marked with an asterisk in the above list, together with the following, were directly represented on the Technical Committee entrusted with the preparation of this British Standard:

- Institute of Plumbing
- Institution of Corrosion Science and Technology
- National Coal Board
- Process Plant Association

This British Standard, having been prepared under the direction of the Non-ferrous Metals Standards Committee, was published under the authority of the Board of BSI and comes into effect on 30 July 1982

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The following BSI references relate to the work on this standard:
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Foreword

This revision of this British Standard has been prepared under the direction of the Non-ferrous Metals Standards Committee and supersedes the 1934 edition of this standard and BS 335 "*Regulus metal*", both of which are now withdrawn. The 1934 edition of this standard included a second type of lead, Type B, to which alloying additions had been made. With the experience that has since been gained, Type B chemical leads have been shown to be superior to the original Type A under most operating conditions. It is also possible to define more closely the acceptable limits of the alloying constituents. Type C antimonial lead has also been included in this revision as these alloys are often used in certain types of chemical plant.

This standard has thus been enlarged to include Type A lead, Type B alloys and Type C antimonial lead. Typical mechanical properties of the various leads are given in Appendix A. Appendix B gives details of the flash test which has proved to be a useful indication of the chemical suitability of various types of lead but the test does not apply to antimonial lead.

Appendix A of the previous edition which dealt with methods of analysis has now been deleted. Reference is made instead to BS 3908. Appendix D of the previous edition, which gave results of analyses and Appendix C which gave the aqua regia test have also been deleted.

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Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, pages 1 to 6, an inside back cover and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.