

Methods of test for paints

Part B15: Rapid method for estimation of lead in liquid paints

It is recommended that this Part be read in conjunction with the general information in the Introduction to BS 3900, issued separately

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Foreword

This Part of BS 3900 has been prepared under the direction of the Pigments, Paints and Varnishes Standards Committee.

The method of test described in this Part is a rapid procedure for the estimation of the amount of lead, within the range of 0.01 % (*m/m*) to 0.1 % (*m/m*), contained in liquid paint.

The result obtained enables a decision to be taken as to whether the estimated lead content justifies an accurate determination of the content by one of the methods described in Part B4 of this British Standard.

Part B4 of BS 3900 describes two methods for the determination, in the liquid product, of the total lead content of paints or similar materials using flame atomic absorption spectroscopy. The referee method for the determination of lead in the range of about 0.01 % (*m/m*) to 2 % (*m/m*) uses a dry ashing procedure to obtain the test solution. An alternative method uses a wet oxidation procedure.

It has been assumed in the drafting of this standard that it will be used and applied by those who are appropriately qualified and experienced.

A British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.

Compliance with a British Standard does not of itself confer immunity from legal obligations.

Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, pages 1 to 4, 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.

Amendments issued since publication

Amd. No.	Date of issue	Comments

This British Standard, having been prepared under the direction of the Pigments, Paints and Varnishes Standards Committee, was published under the authority of the Board of BSI and comes into effect on 27 February 1987

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The Committees responsible for this British Standard are shown in BS 3900: Introduction

The following BSI references relate to the work on this standard:
Committee reference PVC/10
Draft for comment 85/55930 DC