

STANDARDS AUSTRALIA/STANDARDS NEW ZEALAND

RECONFIRMATION

OF

AS/NZS 1580.601.4:1994

Paints and related materials—Methods of test

Method 601.4: Colour—Calculation of colour differences

RECONFIRMATION NOTICE

Technical Committee CH-003 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 30 May 2013.

Approved for reconfirmation in New Zealand on behalf of the Standards Council of New Zealand on 26 August 2013.

The following are represented on Technical Committee CH-003:

Australasian Corrosion Association
Australian Paint Approval Scheme
Australian Paint Manufacturers' Federation
Australian Pipeline Industry Association
Institution of Professional Engineers New Zealand
Master Painters New Zealand Association
Water Corporation Western Australia

NOTES

Australian/New Zealand Standard®

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PREFACE

This Standard was prepared by the Joint Australia/New Zealand Standards Committee CH/3 on Paints and Related Materials, under the direction of the Multitechnics Standards Policy Board, to supersede, in part, the 1975 editions of AS 1580, *Methods of test for paints, varnishes, lacquers and related materials*, Method 601.2: *Colour—Instrumental measurement of colour difference using the ‘Colormaster’ differential colorimeter*, and Method 601.3: *Colour—Instrumental measurement of colour difference using the ‘Color Eye’*.

This Standard is one of a series dealing with measurement of colour. Other Standards in the series are:

AS/NZS

1580	Paints and related materials—Methods of test
1580.601.2	Method 601.2: Colour—Principles of colour measurement
1580.601.3	Method 601.3: Colour—Methods of colour measurement
1580.601.5	Method 601.5: Colour—Calculation small colour differences using the CMC equation

This Standard is based on ISO 7724/3, *Paints and varnishes—Colorimetry*, Part 3: *Calculation of colour differences*, but differs from it in that there is no discussion about the treatment of specular reflection and the choice of measurement conditions.

FOREWORD

This Standard deals with the calculation only of colour differences using instrumental readings obtained from colour measurements. It does not consider whether the measurements were obtained using SPIN (specular component included) or SPEX (specular component excluded) techniques and is not concerned with the choice of observer or illuminant, provided the instrumental readings on test and reference specimens are obtained in the same fashion.

Information on the appropriate choice of measuring technique and guidance on correct procedures may be found in AS/NZS 1580.601.3.