

STANDARDS AUSTRALIA/STANDARDS NEW ZEALAND

RECONFIRMATION

OF

AS/NZS 1580.601.2:1994

Paints and related materials—Methods of test

Method 601.2: Colour—Principles of colour measurement

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®

Paints and related materials—Methods of test**Method 601.2: Colour—Principles of colour measurement**

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 identical with and has been reproduced from ISO 7724/1—1984, *Paints and varnishes — Colorimetry, Part 1: Principles*.

For the purposes of this Australian/New Zealand Standard, the text of ISO 7724/1 should be modified as follows:

- (a) Replace references to other publications by references to Australian/New Zealand Standards:

<i>Reference to International Standard</i>		<i>Australian/New Zealand Standard</i>	
ISO		AS/NZS	
2813	Paints and varnishes — Measurement of specular gloss of non-metallic paint films at 20°, 60° and 85°	1580	Paints and related materials — Methods of test
		1580.602.2	Method 602.2: Specular gloss
3668	Paints and varnishes — Visual comparison of the colour of paints	1580.601.1	Method 601.1: Colour—Visual comparison
		1580.601.2	Method 601.2: Colour—Principles of colour measurement
7724/1	Paints and varnishes — Colorimetry—Part 1: Principles		
7724/2	Paints and varnishes — Colorimetry—Part 2: Colour measurement	1580.601.3	Method 601.3: Colour — Methods of colour measurement
7724/3	Paints and varnishes — Colorimetry—Part 3: Calculation of colour difference	1580.601.4	Method 601.4: Colour — Calculation of colour difference

- (b) Clause 2, *add*

ASTM E308 Standard method for computing the colors of objects by using the CIE system.

- (c) In Clause 3.1, page 2 *delete*

$\Delta\lambda$ is the width of the wavelength interval (for the choice of l and u , and $\Delta\lambda$, see ISO 7724/2).

and *substitute*

$\Delta\lambda$ is the width of the wavelength interval (if Table 3 does not suit the measurement range, interval and band width for the instrument being used, then the appropriate tables in ASTM E308 should be utilized).