
Draft Jamaican Standard

Method of Test

for

**Visual appraisal of colors and color differences of
diffusely- illuminated opaque materials**



BUREAU OF STANDARDS JAMAICA

**NON-OBJECTION PERIOD:
31 MAY 2023 – 29 JUNE 2023**

DRAFT JAMAICAN STANDARD

ASTM JAMAICAN STANDARD

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JS ASTM D1729-22: 202X

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Jamaican Standards establish requirements in relation to commodities, processes and practices, but do not purport to include all the necessary provisions of a contract.

The attention of those using this specification is called to the necessity of complying with any relevant legislation.

Amendments

No.	Date of Issue	Remarks	Entered by and date

Contents

	Page
National foreword	ii
Committee representation	iii
Acknowledgement	iii
Introduction.....	1
1.Scope	1
2. Referenced Documents.....	1
3. Terminology.....	2
4. Significance and Use.....	2
5. Observers.....	2
6. Apparatus.....	2
7. Preparation of Specimens.....	4
8. Procedure	4
9. Report	4
10. Keywords.....	5
 Tables	
TABLE 1 Color of Surround and Ambient Field.....	3

National foreword

This standard is an adoption and is identical to ASTM D1729 – 22 Standard Practice for Visual Appraisal of Colors and Color Differences of Diffusely- Illuminated Opaque Materials published by ASTM International (ASTM).

Scope of the standard

- 1.1 This practice specifies the equipment and procedures for visual appraisal of the colors and color differences of opaque materials that are diffusely illuminated. These specifications are of critical importance in color matching. This practice requires judgments by observers with a minimum of normal color vision and preferably superior as rated with the FM-100 Hue Test as specified in Guide E1499.
- 1.2 Critical visual appraisal of colors and color differences of materials such as metallic and pearlescent paints requires illumination that is nearly a geometric simulation of direct sunlight, because such directional illumination permits observation of the sparkle (glitter) and goniochromatism that characterize such materials. Such viewing conditions are beyond the scope of this practice.
- 1.3 The values stated in SI units are to be regarded as the standard. The values given in parentheses are for information only.
- 1.4 This standard does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this standard to establish appropriate safety, health, and environmental practices and determine the applicability of regulatory limitations prior to use.
- 1.5 This international standard was developed in accordance with internationally recognized principles on standardization established in the Decision on Principles for the Development of International Standards, Guides and Recommendations issued by the World Trade Organization Technical Barriers to Trade (TBT) Committee.

Where the words 'International Standard' appear, referring to this standard, they should be read as 'Jamaican Standard'.

Where reference is made to informative and normative annexes the following definitions should be noted:

- Informative Annex – gives additional information intended to assist in the understanding or use of the document. They do not contain requirements.
- Normative Annex – gives provisions additional to those in the body of a document. They contain requirements.

Users should note that all standards undergo revision from time to time and that any reference made herein to any standard implies its latest edition, unless otherwise stated.

This standard is voluntary.

Committee representation

The preparation of this standard for the Standards Council, established under the Standards Act of 1969, was carried out under the supervision of the Paints and Surface Coatings Technical Committee which at the time comprised the following members:

Acknowledgment

Acknowledgement is made to ASTM International (ASTM) for permission to adopt D1729-22.

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