
Draft Jamaican Standard

Code of Practice

For

**Fluorescent UV-Condensation Exposures of Paint and
Related Coatings**



BUREAU OF STANDARDS JAMAICA

NON-OBJECTION PERIOD:

17 SEPTEMBER 2023 – 16 OCTOBER 2023

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JS ASTM D4587-11 (Reapproved 2019)^{e1}: 202X

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Product Certification Marks



Plant Certification Mark



Certification of Agricultural Produce
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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

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National foreword

This standard is an adoption and is identical to D4587-11(Reapproved 2019)^{e1} Standard Practice for Fluorescent UV-Condensation Exposures of Paint and Related Coatings published by ASTM International (ASTM).

Scope of the standard

1.1 This practice covers the selection of test conditions for accelerated exposure testing of coatings and related products in fluorescent UV and condensation devices conducted according to Practices G151 and G154. This practice also covers the preparation of test specimens, and the evaluation of test results. Table 1 describes commonly used test conditions.

NOTE 1 - Previous versions of this practice referenced fluorescent UV devices described by Practice G53, which described very specific equipment designs. Practice G53 has been withdrawn and replaced by Practice G151, which describes performance criteria for all exposure devices that use laboratory light sources, and by Practice G154, which gives requirements for exposing nonmetallic materials in fluorescent UV devices.

NOTE 2 - ISO 11507:1997 also describes fluorescent UV-condensation exposures of paints and coatings.

1.2 The values stated in SI units are to be regarded as the standard. The values given in parentheses are for information only.

1.3 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.

1.4 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 D4587-11(Reapproved 2019) ^{e1}.

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