
Draft Jamaican Standard

Specification

for

Photovoltaic devices –

**Part 4: Photovoltaic reference devices – Procedures for establishing
calibration traceability**



BUREAU OF STANDARDS JAMAICA

NON-OBJECTION PERIOD: 12 November 2023 to 11 December 2023

Draft Jamaican Standard

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DJS IEC 60904-4: 2023

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

The attention of those using this standard 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 **ISO IEC 60904-4: 2019** Photovoltaic devices- Part 4: Photovoltaic reference devices – Procedures for establishing calibration traceability published by International Electrotechnical Commission (IEC).

Scope of the Standard

This part of IEC 60904 sets the requirements for calibration procedures intended to establish the traceability of photovoltaic (PV) reference devices to SI units as required by IEC 60904-2.

This document applies to PV reference devices that are used to measure the irradiance of natural or simulated sunlight for the purpose of quantifying the performance of PV devices. The use of a PV reference device is required in many standards concerning PV (e.g., IEC 60904-1 and IEC 60904-3).

This document has been written with single-junction PV reference devices in mind, in particular crystalline silicon, but it is sufficiently general to include other single-junction technologies.

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.

Acknowledgement

Acknowledgement is made to the International Electrotechnical Commission (IEC) for permission to adopt **IEC 60904-4: 2019**.