
Draft Jamaican Standard

Method of Test

for

Inspection and Verification of Thermometers



BUREAU OF STANDARDS JAMAICA

**NON OBJECTION PERIOD: 30 October 2022 –
28 November 2022**

Draft Jamaican Standard

IMPORTANT NOTICE

Jamaican standards are subjected to periodic review. The next amendment will be sent without charge if you cut along the dotted line and return the self-addressed label. If we do not receive this label we have no record that you wish to be kept up-to-date. Our address:

Bureau of Standards Jamaica
6 Winchester Road
P.O. Box 113
Kingston 10
Jamaica W.I.

-----(cut along the line)-----

JS ASTM E77: 2022

NAME OR DESIGNATION.....

ADDRESS.....

JBS CERTIFICATION MARK PROGRAMME

The general policies of the JBS Certification Mark Programme are as follows:

- The JBS provides certification services for manufacturers participating in the programme and licensed to use the gazetted JBS Certification Marks to indicate conformity with Jamaican Standards.
- Where feasible, programmes will be developed to meet special requirements of the submitter.
- JBS certification is provided in the interest of maintaining agreed-upon standard requirements. Where applicable, certification may form the basis for acceptance by inspection authorities responsible for enforcement of regulations.
- In performing its functions in accordance with its policies, JBS does not assume or undertake to discharge any responsibility of the manufacturer or any other party.

Participants in the programme should note that in the event of failure to resolve an issue arising from interpretation of requirements, there is a formal appeal procedure.

Further information concerning the details of JBS Certification Mark Programme may be obtained from the Jamaica Bureau of Standards, 6 Winchester Road, Kingston 10.

CERTIFICATION MARKS



Product Certification Marks



Plant Certification Mark



Certification of Agricultural Produce (CAP) Mark



Jamaica-Made Mark

Draft Jamaican Standard
Method of Test
for
Inspection and Verification of Thermometers

Bureau of Standards
Jamaica 6 Winchester Road
P.O. Box 113
Kingston 10
Jamaica, W. I.
Tel: (876) 926 -3140-5, (876) 632-4275 or (876) 618-1534
Fax: (876) 929 -4736
Website: www.bsj.org.jm
E-mail: info@bsj.org.jm

Month 2022

©2022 Bureau of Standards Jamaica

All rights reserved. Unless otherwise specified, no part of a Bureau of Standards publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including, photocopying microfilm or scanning without permission in writing.

ISBN XXX-XXX-XXX-X

Declared by the Bureau of Standards Jamaica to be a standard method of test pursuant to section 7 of the Standards Act 1969.

First published Month 202X

This standard was circulated in draft form for thirty (30) days non-objection under the reference DJS ASTM E77: 2022.

Jamaican Standards establish requirements in relation to commodities 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

Contents	Pages
National Foreword.....	iv
Acknowledgement.....	iv
1. Scope.....	1
2. Reference Standards.....	1
3. Terminology.....	1
4. Significance and Use.....	2
5. Apparatus.....	2
6. Procedure.....	3
7. Treatment of Data.....	7
8. Precision and Bias.....	8
9. Keywords.....	9
Appendix	
1. Discussion of Apparatus for Verification of Liquid- In-Glass Thermometers.....	9

National Foreword

This standard is an adoption and is identical to ASTM E 77: 2021 Standard method of test for Inspection and Verification of Thermometers published by **American Society for Testing Materials (ASTM) International**.

Scope of the Standard

1.1 This standard test method covers visual and dimensional inspection and test for scale accuracy to be used in the verification of liquid- in- glass thermometers as specified in Specifications E1 and E2251.

NOTE 1—The use of NIST SP250-23² is recommended.

1.2 **Warning**—Mercury has been designated by many regulatory agencies as a hazardous substance that can cause serious medical issues. Mercury, or its vapor, has been demonstrated to be hazardous to health and corrosive to materials. Use caution when handling mercury and mercury-containing products. See the applicable product Safety Data Sheet (SDS) for additional information. The potential exists that selling mercury or mercury-containing products, or both, is prohibited by local or national law. Users must determine legality of sales in their location.

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.

Acknowledgement

Acknowledgement is made to **American Society for Testing Materials (ASTM) International** for permission to adopt ASTM E77: 2021.