DJS ASTM D1217: 2023
ICS 75.080

Draft Jamaican Standard

Method of Test

for

Density and relative density (specific gravity) of liquids by Bingham Pycnometer

BUREAU OF STANDARDS JAMAICA

NON-OBJECTION PERIOD: 3 December 2023 to 1 January 2024

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
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DJS ASTM D1217: 2023

NAME OR DESIGNATION……..

ADDRESS……..

JBS CERTIFICATION MARK PROGRAMME

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- 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.
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Jamaica-Made Mark

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This standard was circulated in draft form for thirty (30) days non-objection under the reference DJS ASTM D1217: 2023.

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 method of test 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

This standard is an adoption and is identical to ASTM D1217: 2020 Standard method of test for Density and relative density (specific gravity) of liquids by Bingham Pycnometer published by American Society for Testing Materials (ASTM) International.

Scope of the Standard

1.1 This test method covers the measurement of the density of pure hydrocarbons or petroleum distillates boiling between 90 °C and 110 °C that can be handled in a normal fashion as a liquid at the specified test temperatures of 20 °C and 25 °C.

1.2 This test method provides a calculation procedure for the conversion of density to relative density (specific gravity).

1.3 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.

1.4 The values stated in SI units are to be regarded as standard. No other units of measurement are included in this standard.

1.5 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. Specific warning statements are given in Section 7.

1.6 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 D1217: 2020.