

---

Draft Jamaican Standard  
Specification  
for  
**High-Strength Low-Alloy Structural Steel**

---



**BUREAU OF STANDARDS JAMAICA**

**NON-OBJECTION PERIOD:**

**1 February 2026 - 3 March 2026**

DRAFT JAMAICAN STANDARD

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) -----

DJS ASTM A242/A242M-24: 2026

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**  
**Specification**  
**for**  
**High-Strength Low-Alloy Structural Steel**

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

Month 202X

© 20XX Bureau of Standards

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 XXX X

Declared by the Bureau of Standards to be a standard specification pursuant to section 7 of the Standards Act 1968.

First published Month 20XX

This standard was circulated in the draft form for comment under the reference DJS ASTM A242/A242M-24: 2026

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 standard specification is called to the necessity of complying with any relevant legislation.

Amendments

No.	Date of Issue	Remarks	Entered by and date

DRAFT JAMAICAN STANDARD

Contents

	Page
National Foreword.....	i
Committee representation.....	
Related documents.....	
<b>1</b> Scope.....	<b>1</b>
<b>2</b> Referenced Documents.....	<b>1</b>
<b>3</b> General Requirements for Delivery.....	<b>1</b>
<b>4</b> Materials and Manufacture.....	<b>1</b>
<b>5</b> Chemical Composition.....	<b>2</b>
<b>6</b> Tension Test.....	<b>2</b>
<b>7</b> Keywords.....	<b>2</b>

Tables

1 TABLE 1 Tensile Requirements.....	2
2 TABLE 2 Chemical Requirements (Heat Analysis).....	2

DRAFT JAMAICAN STANDARD

## **National foreword**

This standard is an adoption and is identical to ASTM A6/A6M-24b High-Strength Low-Alloy Structural Steel published by ASTM.

## **Scope of the standard**

This specification covers high-strength low-alloy structural steel shapes, plates, and bars for welded, riveted, or bolted construction intended primarily for use as structural members where savings in weight [mass] or added durability are important. The atmospheric corrosion resistance of the steel in most environments is substantially better than that of carbon structural steels with or without copper addition. When properly exposed to the atmosphere, this steel can be used bare (unpainted) for many applications. This specification is limited to material up to 4 in. [100 mm], inclusive, in thickness.

This standard is voluntary.

## **Acknowledgment**

Acknowledgement is made to the ASTM for permission to adopt ASTM A242/A242M-24.

DRAFT JAMAICAN STANDARD