DRAFT
Jamaican Standard
Specification
for
Carbon Structural Steel

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COMMENT PERIOD: JULY 22, 2018 TO SEPTEMBER 22, 2018
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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
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Jamaica W.I.

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DJS ASTM A36/A36M–14: 2018
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.

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

**CERTIFICATION MARKS**

![Product Certification Marks](image)

**Product Certification Marks**

![Plant Certification Mark](image)

**Plant Certification Mark**

![Certification of Agricultural Produce (CAP) Mark](image)

**Certification of Agricultural Produce (CAP) Mark**

![Jamaica-Made Mark](image)

**Jamaica-Made Mark**
Jamaican Standard
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Month 2018

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This standard was circulated in draft form for comments under the reference DJS ASTM A36/A36M-14: 2018.

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

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SUMMARY OF CHANGES
NOTE

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.
National foreword

This standard is an adoption of and is identical to ASTM A36/A36M –14 Standard Specification for Carbon Structural Steel published by ASTM International.

Scope

1.1 This specification covers carbon steel shapes, plates, and bars of structural quality for use in riveted, bolted, or welded construction of bridges and buildings, and for general structural purposes.

1.2 Supplementary requirements are provided for use where additional testing or additional restrictions are required by the purchaser. Such requirements apply only when specified in the purchase order.

1.3 When the steel is to be welded, a welding procedure suitable for the grade of steel and intended use or service is to be utilized. See Appendix X3 of Specification A6/A6M for information on weldability.

1.4 The values stated in either inch-pound units or SI units are to be regarded separately as standard. Within the text, the SI units are shown in brackets. The values stated in each system are not exact equivalents; therefore, each system is to be used independently of the other, without combining values in any way.

1.5 The text of this specification contains notes or footnotes, or both, that provide explanatory material. Such notes and footnotes, excluding those in tables and figures, do not contain any mandatory requirements.

1.6 For structural products produced from coil and furnished without heat treatment or with stress relieving only, the additional requirements, including additional testing requirements and the reporting of additional test results, of A6/A6M apply.

Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ASTM Standards:

A6/A6M Specification for General Requirements for Rolled Structural Steel Bars, Plates, Shapes, and Sheet Piling
A27/A27M Specification for Steel Castings, Carbon, for General Application
A307 Specification for Carbon Steel Bolts, Studs, and Threaded Rod 60 000 PSI Tensile Strength
A325 Specification for Structural Bolts, Steel, Heat Treated, 120/105 ksi Minimum Tensile Strength
A325M Specification for Structural Bolts, Steel, Heat Treated 830 MPa Minimum Tensile Strength (Metric)
A500 Specification for Cold-Formed Welded and Seamless Carbon Steel Structural Tubing in Rounds and Shapes
A501 Specification for Hot-Formed Welded and Seamless Carbon Steel Structural Tubing
A502 Specification for Rivets, Steel, Structural
A563 Specification for Carbon and Alloy Steel Nuts
A563M Specification for Carbon and Alloy Steel Nuts (Metric)
A668/A668M Specification for Steel Forgings, Carbon and Alloy, for General Industrial Use
A1011/A1011M Specification for Steel, Sheet and Strip, Hot-Rolled, Carbon, Structural, High-Strength Low-Alloy, High-Strength Low-Alloy with Improved Formability, and Ultra-High Strength
This standard is compulsory.

Committee representation

The revision of this standard for the Standards Council, established under the Standards Act, 1969 was carried out under the supervision of the Bureau's Building and Associated Materials Technical Committee, which at the time comprised the following members:

D Christie (Chairman)  Trelawny Aggregates Ltd.
C Laidlaw  Ministry of Transport and Mining
G Martin  Concrete Blocks and Aggregates Ltd.
H Chin  Jamaica Institutes of Engineers
K Strachan  Carib Cement
L Kelly  Incorporated Master Builders Association of Jamaica
L Smith  Carib Cement
M Greaves  Tank Weld Ltd
P Jervis  Peter Jervis and Associates
P Shiner  Surrey Paving
T Givans  University of Technology, Jamaica
W Pena  Carib Cement
G Thomas  National Compliance and Regulatory Authority
J Steadford  National Compliance and Regulatory Authority
W Francis  Bureau of Standards Jamaica
J Jackson (Recording Secretary)  Bureau of Standards Jamaica
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Acknowledgement

Acknowledgement is made to ASTM International for permission to adopt ASTM A36/A36M–14.