
DRAFT
Jamaican Standard
Specification
for
Carbon Structural Steel



BUREAU OF STANDARDS JAMAICA

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COMMENT PERIOD: JULY 22, 2018 TO SEPTEMBER 22, 2018

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6 Winchester Road
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DJS ASTM A36/A36M-14: 2018

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

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CERTIFICATION MARKS



Product Certification Marks



Plant Certification Mark



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Jamaica-Made Mark

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

Month 2018

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ISBN XXX-XXX-XXX-XXX-X

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

First published Month 2018

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

No.	Date of Issue	Remarks	Entered by and date

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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



A1018/A1018M Specification for Steel, Sheet and Strip, Heavy-Thickness Coils, Hot-Rolled, Carbon, Commercial, Drawing, Structural, High-Strength Low- Alloy, High-Strength Low-Alloy with Improved Formability, and Ultra-High Strength

F568M Specification for Carbon and Alloy Steel Externally

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
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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
S Satchell-Knight (Facilitator)	Bureau of Standards Jamaica

Acknowledgment

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