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JIS Z 1410 : 2023

(Jpa/JSA)

**Construction of outer framed wooden
boxes for packing**

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In the event of any doubts arising as to the contents,
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Contents

	Page
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Classification and design classification	3
4.1 Classification	3
4.2 Design classification	4
5 Constructions and dimensions	5
5.1 Construction	5
5.2 Dimensions	11
5.3 Construction of each part	15
6 Materials	58
6.1 Lumber	58
6.2 Plywood	60
6.3 Metallic materials	60
6.4 Waterproof materials	61
6.5 Other materials	61
6.6 Ventilation hole cover	61
7 Manufacture of skid base, sides, ends and drop lid (top of Type B) and assembly of outer framed box	62
7.1 General	62
7.2 Methods of nailing and bolting (including lag screws)	62
7.3 Manufacture of skid base	66
7.4 Manufacture of sides and ends	67
7.5 Manufacture of drop lid (top of Type B)	68
7.6 Assembly of outer framed box	68
7.7 Reinforcement (edge protectors)	75
Annex A (informative) Methods of fixing contents	76
Annex B (informative) Examples of detailed transportation situations for de- sign classification setting	80

Foreword

This Japanese Industrial Standard has been established by the Minister of Economy, Trade and Industry through deliberations at the Japanese Industrial Standards Committee according to the proposal for establishment of Japanese Industrial Standard submitted by Japan Packing Association (Jpa)/Japanese Standards Association (JSA) with a draft being attached, based on the provision of Article 12, paragraph (1) of the Industrial Standardization Act.

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Construction of outer framed wooden boxes for packing

1 Scope

This Japanese Industrial Standard specifies constructional requirements for framed wooden boxes with contents of 10 tons or less and with external length of 8.0 m or less, external width of 3.3 m or less and external height of 3.3 m or less, which are used for cargo to be contained in shipping containers or cargo to be carried in a shipping environment where similar external loads to this is expected, and to which struts (excluding auxiliary struts) and other framing members equivalent to cleats are attached from the outside (hereafter referred to as outer framed boxes).

*Editor's note: NOTE given herein in the original Japanese edition has been deleted in this English edition due to its irrelevance to the English contents.

2 Normative references

Part or all of the provisions of the following standards, through reference in this text, constitute provisions of this Standard. The most recent editions of the standards (including amendments) indicated below shall be applied.

JIS A 5508 *Nails*

JIS B 0101 *Screw threads and fasteners — Vocabulary*

JIS B 0148 *Lifting equipment — Terminology*

JIS G 3141 *Cold-reduced carbon steel sheet and strip*

JIS Z 0107 *Glossary of terms used in wooden box for packing*

JIS Z 0108 *Packaging — Vocabulary*

JIS Z 0111 *Glossary of terms for physical distribution*

JIS Z 1402 *Construction of wooden boxes for packing*

JIS Z 1403 *Construction of wooden framed boxes for packing*

JIS Z 1514 *Polyethylene coated paper*

JIS Z 1613 *Freight containers — Vocabulary*

JAS 0701 *Laminated veneer lumber*

JAS 1083 *Sawn lumber*

Japanese Agricultural Standards (JAS) for Plywood

3 Terms and definitions

For the purpose of this Standard, the following terms and definitions, and those given in JIS B 0101, JIS B 0148, JIS Z 0107, JIS Z 0108, JIS Z 0111 and JIS Z 1613 apply.