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Construction of wooden boxes for packing

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Foreword

This Japanese Industrial Standard has been revised by the Minister of Economy, Trade and Industry through deliberations at the Japanese Industrial Standards Committee as the result of proposal for revision 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 applied mutatis mutandis pursuant to the provision of Article 16 of the said Act. This edition replaces the previous edition (**JIS Z 1402**:2014), which has been technically revised.

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Construction of wooden boxes for packing

JIS Z 1402:2020

1 Scope

This Japanese Industrial Standard specifies the construction of wooden boxes intended for the transport packaging of contents of not more than 1 500 kg in mass, having the external dimensions of not more than 6.0 m in length, not more than 1.5 m in width and not more than 2.25 m in height.

2 Normative references

The following standards contain provisions which, 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 1180 Hexagon head bolts and hexagon head screws

JIS B 1181 Hexagon nuts and hexagon thin nuts

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 1514 Polyethylene coated paper

Japanese Agricultural Standard (JAS) Plywood

Japanese Agricultural Standard (JAS) Laminated veneer lumber

3 Terms and definitions

For the purpose of this Standard, the terms and definitions given in **JIS Z 0107** and **JIS Z 0108** apply.

4 Classification and design elements

4.1 Classification

The wooden boxes are classified as shown in Table 1 according to the mass of contents, construction and usage method of outer boards. Construction examples are shown in Figure 1 and Figure 2. Also, the constructions of end faces and end battens of normal wooden box are shown in Figure 4 to Figure 8.