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Inorganic porous thermal insulation materials

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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 Thermal Insulation Association (JTIA)/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 A 9510** : 2016), which has been technically revised.

However, **JIS A 9510** : 2016 may be applied in the **JIS** mark certification based on the relevant provisions of Article 30, paragraph (1), etc. of the Industrial Standardization Act until 21 November 2022.

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Inorganic porous thermal insulation materials

1 Scope

This Japanese Industrial Standard specifies requirements for inorganic porous thermal insulation boards (hereafter referred to as board insulation) and inorganic porous thermal insulation pipes (hereafter referred to as pipe insulation), which are inorganic porous thermal insulation materials used as thermal insulation materials.

This Standard is applicable to board insulation and pipe insulation that do not use the materials emitting formaldehyde such as urea resin, melamine resin, phenol resin, resorcinol resin and formaldehyde system antiseptics.

A list of technically significant revisions from the previous edition with reasons is given in Annex A.

NOTE The symbol for the product that do not use the materials emitting formaldehyde is F☆☆☆☆.

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 0202	Thermal insulation — Vocabulary	
JIS A 1412-1	1 Test method for thermal resistance and related properties of thermal insulations — Part 1 : Guarded hot plate apparatus	
JIS A 1412-2	2 Test method for thermal resistance and related properties of thermal insulations — Part 2 : Heat flow meter apparatus	
JIS C 1602	Thermocouples	
JIS G 3452	Carbon steel pipes for ordinary piping	
JIS Z 8401	Rounding of numbers	
JIS Z 8703	Standard atmospheric conditions for testing	

Terms and definitions 3

For the purpose of this Standard, the following terms and definitions, and those given in JIS A 0202 apply.

3.1

inorganic porous thermal insulation material

generic term for calcium silicate thermal insulation and water repellent perlite thermal insulation