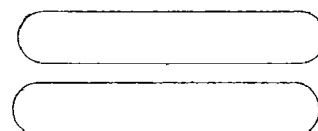


JIS



JAPANESE INDUSTRIAL STANDARD

Method of Fire Protecting Test of
Fire Door for Buildings

JIS A 1311 — 1975

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by
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Translation without guarantee
In the event of any doubt arising, the original
standard in Japanese is to be evidence

A 1311-1975

Japanese Text

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Investigated by: Japanese Industrial Standards Committee
Technical Committee on Testing Methods
for Fire Proof
(Chairman: KISHITANI Kōichi)
Divisional Council on Construction
(Chairman: NISHI Tadao)

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JAPANESE INDUSTRIAL STANDARD

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Fire Door for Buildings

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1. General

1.1 Scope This Japanese Industrial Standard specifies method of fire protecting test of fire door arranged for the opened portion of buildings.

1.2 This fire protecting test shall be carried out heat test specified in 5., on the test piece specified in 2., using heating furnace specified in 3., by giving the heating temperature specified in 4., and as occasion demands, shock test specified in 6. and gas shut-off test specified in 7. shall be carried out.

1.3 Fire door shall be marked in accordance with classes as follows:

Classified by grade of heat test:

Fire protection use Grade 1, Grade 2, Grade 3

Fire resistance use 30 minute heat, 1 hour heat, 2 hour heat

Existence of heat isolating power:

Class A passed the provisions of 5.8

Class B passed the provisions of 5.9

Existence of other tests:

Shock test S

Gas shut-off test G-OO

Examples of Symbols: Fire protection Class A 2S
passed Grade 2 fire protection heat test, having heat
isolating power and also passed shock test

Fire resistance 1 hour Class B SG — 1.2
passed fire resistance 1 hour heat test, having no heat
isolating power passed shock test, gas permeability at
the gas shut-off test is not more than $1.2 \text{ m}^3/\text{min} \cdot \text{m}^2$

- Remarks
1. Fire protection use shall conform to the fire door used for outer wall of buildings.
 2. Fire resistance use shall conform to the fire door mainly used for the indoor fire protecting partition of buildings.
 3. Class A shall conform to the case having woodwork inside the fire door such as wooden house, and Class B shall conform to the others.

2. Test Piece

2.1 Test piece shall be constructed the same as that of used practically including fire door and frame, if there is partial difference in fire protection, shall be included the part regarded as weak in fire protection.

Applicable Standards:

JIS A 5413-Asbestos Cement Boards

JIS C 1602-Thermocouples

JIS H 3103-Tough-Pitch Copper Sheets and Plates