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**Magnesium alloys - Flammability test
method**

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Foreword

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Magnesium alloys — Flammability test method

1 Scope

This Japanese Industrial Standard specifies the flammability test method for cast and wrought products manufactured from magnesium alloys.

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 C 1602 *Thermocouples*

JIS H 4201 *Magnesium alloy sheets, plates, strips and coiled sheets*

JIS H 4202 *Magnesium alloy seamless pipes and tubes*

JIS H 4203 *Magnesium alloy bars*

JIS H 4204 *Magnesium alloy extruded shapes*

JIS H 4205 *Magnesium alloy forgings*

JIS H 5203 *Magnesium alloy castings*

JIS H 5303 *Magnesium alloy die castings*

JIS K 2240 *Liquefied petroleum gases*

3 Terms and definitions

For the purpose of this Standard, the following terms and definitions apply.

3.1 combustion

generation of flame continuing for at least 3 s observed under the prescribed test condition

3.2 ignition

development of flame at the beginning of combustion observed under the prescribed test condition

4 Flammability

4.1 Sample

Sample used for the test shall be as follows.

- a) The type of sample specified in JIS H 4201 to JIS H 4205, JIS H 5203 or JIS H 5303 shall be used. When using any other sample than above, the chemical composition and manufacturing process of the sample used shall be reported.