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**Aluminium dross for iron and steel  
making**

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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 Aluminium Association (JAA)/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 G 2402 : 2015**), which has been technically revised.

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# Aluminium dross for iron and steel making

## 1 Scope

This Japanese Industrial Standard specifies requirements for the aluminium dross to be used as a flux in the manufacture of iron and steel.

## 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 G 2403 *Aluminium dross for iron and steel making — Sampling and sample preparation procedures*

JIS G 2404 *Methods for chemical analysis of aluminium dross for iron and steel making*

JIS Z 8801-1 *Test sieves — Part 1 : Test sieves of metal wire cloth*

## 3 Terms and definitions

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

### 3.1

#### aluminium dross

residue in molten aluminium or aluminium alloy floating on the surface of the melt or settling at the bottom of the furnace

Note 1 to entry It is rich in metallic aluminium and becomes granular, powdery or massive when cooled.

Note 2 to entry It may be simply referred to as dross.

### 3.2

#### aluminium dross for iron and steel making

mixture of several types of aluminium dross obtained by giving each type of dross suitable processing such as pulverization, classification and particle size adjustment and then mixing them together to obtain a desired composition

Note 1 to entry If the mixture is found to be insufficient in some components, further adjustment of composition may be made by adding metallic aluminium, aluminium oxide, etc.

## 4 Classification, division and symbol of grade

The classification, division and symbol of grade of aluminium dross for iron and steel making are as given in Table 1.