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

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Foreword

This translation has been made based on the original Japanese Industrial Standard 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 the draft being attached, based on the provision of Article 12 Clause 1 of the Industrial Standardization Law applicable to the case of revision by the provision of Article 14.

Consequently **JIS G 2403**:2003 is replaced with this Standard.

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Aluminium dross for iron and steel making—Sampling and sample preparation procedures

1 Scope

This Japanese Industrial Standard specifies the procedures for sample preparation including the sampling and the sample reduction methods which are necessary for determining the components and the average value of properties of a lot of aluminium dross for iron and steel making.

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 G 2402 *Aluminium dross for iron and steel making*

JIS M 8100 *Particulate materials—General rules for methods of sampling*

3 Terms and definitions

For the purpose of this Standard, the terms and definitions given in **JIS G 2402**, and the following apply.

3.1 lot

an arbitrary mass of aluminium dross for iron and steel making for the determination of the components and the average value of properties

The quantity of aluminium dross for iron and steel making constituting the lot is called the size of lot. When a part or the whole of the combinations of the material sources of aluminium dross for iron and steel making is altered, or when the variation is found in the components of aluminium dross of any material to be combined, it is dealt with as a different lot.

NOTE : For the manufacture of aluminium dross for iron and steel making, it is generally manufactured by combining multiple sources of aluminium dross as the material.

3.2 increment

aluminium dross for iron and steel making of the unit amount generally extracted with a sampler or the like by one action from a lot

3.3 sample reduction

operation wherein a sample for measurement is prepared by gradually reducing the amount from the collected sample, when the sample is prepared from an aggregate