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NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA

ICS 77.100

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GB/T 25050-2010 / ISO 8050:1988

Ferronickel ingots or pieces - Sampling for analysis

镍铁锭或块 成分分析用样品的采取

(ISO 8050:1988, IDT)

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Foreword

This Standard identically adopts the international standard ISO 8050:1988 "Ferronickel ingots or pieces - Sampling for analysis" (English version).

For ease of use, this Standard made the following editorial modifications:

- modified "this International Standard" to "this Standard";
- used decimal point "." to replace comma "," that was used as decimal point;
- deleted the foreword of ISO 8050:1988;
- used Chinese standards as normative references.

Annex A of this Standard is normative. Annex B, Annex C and Annex D are informative.

This Standard was proposed by China Iron and Steel Association.

This Standard shall be under the jurisdiction of National Technical Committee on Pig Iron and Ferroalloys of Standardization Administration of China.

The drafting organizations of this Standard: Shanxi Taigang Stainless Steel Co., Ltd.

Main drafters of this Standard: Liu Aikun, Wang Jun, Dai Xueqian, Liu Wei.

Ferronickel ingots or pieces - Sampling for analysis

1 Scope

This Standard specifies a method for sampling for analysis of ferronickel ingots or pieces.

This Standard is applicable to sampling for analysis of ferronickel ingots or pieces,

2 Normative references

The provisions in following documents become the provisions of this Standard through reference in this Standard. For dated references, the subsequent amendments (excluding corrigendum) or revisions do not apply to this Standard, however, parties who reach an agreement based on this Standard are encouraged to study if the latest versions of these documents are applicable. For undated references, the latest edition of the referenced document applies.

GB/T 21933.1, *Ferronickel - Determination of nickel content - The dimethylglyoxime gravimetric method* (GB/T 21933.1-2008, ISO 6352: 1985, IDT)

GB/T 25049, *Ferronickel* (GB/T 25049-2010, ISO 6501: 1988, MOD)

3 Sampling of each heat at the producer's plant

3.1 Sample taking

3.1.1 Each increment¹⁾ shall be taken using a spoon and cast in a mould to obtain a suitable small ingot for chemical or physical analysis. The usual geometry of such ingots is that of a frustum. It is desirable that the dimensions lie within the following limits:

- height: 100 ~ 140 mm;
- upper diameter: 35 ~ 50 mm;
- lower diameter: 30 ~ 40 mm.

¹⁾ Increment: portion of the lot taken in a single operation; in this standard: portion of molten metal.

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