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NATIONAL STANDARD OF THE
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ICS 73.060.40

H 30

GB/T 25945-2010 / ISO 8685:1992

Aluminium ores -- Sampling procedures

铝土矿 取样程序

(ISO 8685:1992, IDT)

Issued on: December 23, 2010

Implemented on: September 01, 2011

**Issued by: General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China;
Standardization Administration of the People's Republic of China.**

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Foreword

This Standard was drafted in accordance with the rules given in GB/T 1.1-2009.

This Standard uses translation method to identically adopt ISO 8685:1992 "Aluminium ores -- Sampling procedures".

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

This Standard shall be under the jurisdiction of National Technical Committee on Non-ferrous Metals of Standardization Administration of China (SAC/TC 243).

The drafting organizations of this Standard: Aluminum Corporation of China Shandong Branch, China Nonferrous Metals Industry Standard Calculation Quality Research Institute.

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Aluminium ores -- Sampling procedures

1 Scope

This Standard sets out requirements for the sampling of aluminium ores from moving streams and stationary situations, including stopped-belt sampling, to provide gross samples for sample preparation. Stopped-belt sampling is the reference method for collecting ore samples against which other sampling procedures may be compared. Sampling from moving streams is the preferred method. Sampling from stationary situations should only be considered when sampling from moving streams is not possible. The procedures described in this Standard for sampling from stationary situations merely minimize some of the sampling errors.

Although this Standard is intended to cover all aluminium ore sampling from moving streams, the procedures recommended may not be applicable in cases of extreme segregation. For example, very wet ore due to its sticky nature, or very dry ore due to generation of dust. In such cases it may be necessary to revert to stopped-belt sampling.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

GB/T 3358.1, *Statistics -- Vocabulary and symbols -- Part 1: General statistical terms and terms used in probability*

GB/T 25943-2010, *Aluminium ores -- Experimental methods for checking the precision of sampling* (ISO 10277:1995, IDT)

GB/T 25944-2010, *Aluminium ores -- Experimental determination of the heterogeneity of distribution of a lot* (ISO 6139:1993, IDT)

GB/T 25946-2010, *Aluminium ores -- Experimental methods for checking the bias of sampling* (ISO 10226:1991, IDT)

GB/T 25947-2010, *Aluminium ores -- Determination of the moisture content of bulk material* (ISO 9033:1989, IDT)

GB/T 25949-2010, *Aluminium ores -- Preparation of samples* (ISO 6140:1991, IDT)

GB/T 25950-2010, *Aluminium ores -- Experimental determination of the heterogeneity of constitution* (ISO 6138:1991, IDT)

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