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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 14260-2010

Replacing GB/T 14260-1993

**General rules for sampling and sample preparation of heavy
nonferrous metals flotation concentrates in bulk**

散装重有色金属浮选精矿取样、制样通则

(English Translation)

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Foreword

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

This standard is the international standard ISO 12743:2006 "Copper, lead, zinc and nickel concentrates - Determination of metal and moisture content of the sampling method" (in English Version) non-equivalent, the main differences are as follows.

- Of terms, definitions and provisions of the content of expression by Chinese customs have been modified;
- Of sampling methods according to our conditions are summarized and classification;
- Deleted extraction, sample preparation equipment and methods are not suitable for our country;
- Increasing the sample combinations and sample preparation process;
- Increased moisture determination method;
- Added Appendix A "concentrate quality fluctuation test" Appendix B "test methods for checking the precision" and Appendix C "sampling system error Poor verification method. " this standard replaces GB/T 14260-1993 "heavy nonferrous metals flotation concentrates in bulk sampling and sample preparation General." this standard and GB/T 14260-1993 compared to the main changes are as follows.
- Sampling system into the clear light of international standards and quality system sampling time sampling systems;
- Van sampling method increases the sampling methods concentrate on delivery of the car;
- Increasing the sampling methods bagged concentrate;
- For the determination of water balance precision equipment and the initial drying temperature has been modified;
- Concentrate on Appendix B for checking the precision test data analysis, the deleted

step to do R control charts to simplify the process.

--- Terminology, definitions and presentation of the contents of the provisions made several editorial changes.

The Standard Appendix A, Appendix B and Appendix C are normative appendix.

The standard proposed by China Nonferrous Metals Industry Association.

This standard by the national non-ferrous metals Standardization Technical Committee (SAC/TC243) centralized.

1 Scope

This standard specifies the bulk of heavy nonferrous metals flotation concentrates sampling and sample preparation procedures and moisture measurement method and general principles. Providing goods Fluctuations in quality, precision, error checking and sampling systems Experimental methods for checking the sample.

This standard applies to heavy nonferrous metals flotation concentrates in bulk chemical composition, moisture and other physical testing items taken and prepared sample.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version suitable for use herein Member. For undated references, the latest edition (including any amendments) applies to this document.

GB/T 8170 repair value expressed about the rules and limit values
judgment GB/T 14261 bulk flotation zinc concentrates sampling and sample preparation method
GB/T 14262 flotation lead concentrates in bulk sampling and sample preparation method
GB/T 14263 bulk flotation of copper concentrate sampling, sample preparation method
GB/T 25952 bulk flotation of nickel concentrate sampling and sample preparation method

3 Terms and Definitions

This standard is determined by the terms and definitions apply to this standard and related standards GB/T 14261 ~ GB/T 14263, GB/T 25952.

Inspection Lot lotsample to determine the grade and designated sampling unit.

Consignment diliverylot A certain number of deliveries of the same specification concentrate. It may be composed of one or more inspection lot.

Deputy grant sub-lot the inspection lot is divided into several parts, each part being a deputy batch.

Basic batch basiclot Take the minimum quality standard sample preparation specified in a number of concentrate.

Like sample parts

A one-time action to achieve a certain quality of ore samples from the inspection lot or sub-lot.

Subsample

By two or more parts like the composition of the sample.