

JIS

JAPANESE INDUSTRIAL STANDARD

**Methods for Sampling, Preparation
and Determination of Moisture
Content of Non-ferrous Metal
Bearing Ores**

JIS M 8101—1988

Translated and Published

by

Japanese Standards Association

In the event of any doubt arising,
the original Standard in Japanese is to be final authority.

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Methods for Sampling, Preparation and
Determination of Moisture Content of
Non-ferrous Metal Bearing Ores

M 8101-1988

1. Scope

This Japanese Industrial Standard specifies the following methods for determining the average values of the constituent and moisture content of a lot, hereinafter referred to as the "average quality", of the non-ferrous metal ores and concentrates, hereinafter referred to as the "ores", of copper ore, lead ore, zinc ore, tin ore, gold ore silver ore and the like, provided that this does not apply to the ores for which these factors have been specified in the other Japanese Industrial Standards.

- (1) Sampling method
- (2) Method of preparing the moisture content test sample and the constituent test sample
- (3) Method of determining the moisture content and the dry mass

- Remarks 1. This Standard is applicable, as appropriate, to arsenic ore, antimony ore, bismuth ore, nickel ore (excluding garnierite nickel ore), cobalt ore, molybdenum ore, tungsten ore, roasted ore, flue cinder.
2. The mass of valuables of lot is determined by the average grade of the mass, dry mass content and constituent of a lot, and this Standard has been so regulated as to equalize the level of coefficient of variation of the dry mass content and the constituent.
 3. This Standard is, as a rule, in accordance with JIS M 8100, as appropriate.

Applicable Standards:

JIS M 8100-General Rules for Methods of Sampling of Bulk Materials

JIS Z 8401-Rules for Rounding Off of Numerical Values

Reference Standard:JIS M 8083-Methods for Sampling of Non-Ferrous Flotation Concentrates
in Bulk