

ICS 73.060.99
CCS D 40

SN

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

SN/T 2763.9-2015

**Chemical analysis of nickel laterite ores. Part 9: Determination
of moisture content of a consignment**

红土镍矿化学分析方法 第9部分：交货批水分含量的测定
(English Translation)

Issued on: May 26, 2015

Implemented on: January 1, 2016

**Issued by: The General Administration of Quality Supervision, Inspection
and Quarantine**

Table of Contents

- Foreword
- 1 Scope
- 2 Normative references
- 3 Method summary
- 4 Terms and definitions

Foreword

SN/T 2763 "Chemical Analysis Method for Laterite Nickel Ore" is divided into 9 parts.

--- Part 1. X-ray fluorescence spectrometry;

---Part 2. Determination of nickel and cobalt content by flame atomic absorption spectrometry;

--- Part 3. Determination of total iron content - Titanium trichloride reduction method;

---Part 4. Determination of nickel, cobalt, aluminium, magnesium and phosphorus content by inductively coupled plasma atomic emission spectrometry;

-- Part 5. Determination of copper, zinc and chromium content by flame atomic absorption spectrometry;

---Part 6. Determination of nickel, calcium, titanium, manganese, copper, chromium, zinc and phosphorus content by inductively coupled plasma atomic emission spectrometry;

--Part 7. Determination of iron, nickel, silicon, aluminium, magnesium, calcium, titanium, manganese, copper and phosphorus content. Dispersion X-ray fluorescence spectrometry laterite nickel ore Chemical analysis method;

--- Part 8. Determination of magnesium oxide content;

--- Part 9. Determination of the moisture content of the delivery batch.

This part is the ninth part of SN/T 2763.

This part is drafted in accordance with the rules given in GB/T 1.1-2009.

This part is proposed and managed by the National Certification and Accreditation Administration.

This section is mainly drafted by. Liaoning Entry-Exit Inspection and Quarantine Bureau of the People's Republic of China.

1 Scope

This part of SN/T 2763 specifies the method for determining the moisture content of the laterite nickel ore delivery batch.

This section applies to the determination of the moisture content of the batch of laterite nickel ore.

2 Normative references

The following documents are indispensable for the application of this document. For dated references, only dated versions apply to this article.

Pieces. For undated references, the latest edition (including all amendments) applies to this document.

SN/T 2726 mineral product test terminology SN/T 3997 bulk laterite nickel ore sampling and sample preparation method

3 Method summary

The sample was dried to constant weight in a stream of air at 105 °C. The moisture content was calculated by measuring the mass loss of the sample.

4 Terms and definitions

The following terms and definitions defined by SN/T 2726 apply to this document.

Delivery batch consignment A certain amount of ore delivered in one delivery. The delivery batch may consist of a batch of ore in a batch, batch or batch.

Large sample

Consisting of all samples, a sample that fully represents all of the quality characteristics of a batch.

Parallel partial sample A sample consisting of a portion of the parts that make up a large sample.

Increment

A certain amount of ore collected by the sampling or sample reduction device in one operation.

Sample

A representative relatively small amount of ore is taken from a batch of ore to be evaluated for quality characteristics.

Laboratory sample Samples prepared for inspection or testing at a laboratory.