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ICS 73.060

YS

NONFERROUS METALS INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YS/T 820.24-2012

Methods for chemical analysis of laterite nickel ores- Part 24:Determination hygroscopic moisture content-Gravimetric method

红土镍矿化学分析方法 第24部分：湿存水量的测定 重量法

(English Translation)

Issued by: Ministry of Industry and Information Technology

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1 Foreword

YS/T 820.24-2012 is issued by Ministry of Industry and Information Technology.

It is one of 27 parts of the YS/T 820 series.

The YS/T prefix marks a recommended standard. It is not law in itself: it becomes binding when a contract names it, when a regulation or a mandatory standard refers to it, or when a producer declares conformity with it.

2 Scope Preview

YS/T 820.24-2012 falls under ICS 73.060, in the field of mining and minerals.

This catalogue holds 140 other YS/T standards in that field.

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In this catalogue, YS/T standards carry edition years from 1985 to 2026.

3 Where this standard sits

3 other standards in this catalogue cite it, among them YS/T 820.1-2012, YS/T 820.10-2012, YS/T 820.3-2012.

It is one part of the YS/T 820 series, of which this catalogue holds 27 parts.

4 About this standard

Issued by: Ministry of Industry and Information Technology

English translation: about 8 pages

5 Related standards

Other parts of this standard:

YS/T 820.1-2012 - Methods for chemical analysis of laterite nickel ores - Part 1: Determination of nickel content - Flame atomic absorption spectrometry

YS/T 820.2-2012 - Methods for chemical analysis of laterite nickel ores. Part 2: Determination of nickel content. Dimethylglyoxime spectrophotometry

YS/T 820.3-2012 - Methods for chemical analysis of laterite nickel ores - Part 3: Determination of total iron content - Potassium dichromate titration

YS/T 820.3-2013 - [YS/T 820.3-2012] Chemical analysis of nickel laterite Part 3: Determination of total iron content of potassium dichromate titration

YS/T 820.4-2012 - Methods for chemical analysis of laterite nickel ores. Part 4: Determination of phosphorus content. Phosphorus molybdenum blue spectrophotometry

YS/T 820.5-2012 - Methods for chemical analysis of laterite nickel ores. Part 5: Determination of cobalt content. Flame atomic absorption spectrometry

YS/T 820.6-2012 - Methods for chemical analysis of laterite nickel ores. Part 6: Determination of copper content. Flame atomic absorption spectrometry

YS/T 820.7-2012 - Methods for chemical analysis of laterite nickel ores. Part 7: Determination of calcium and magnesium content. Flame atomic absorption spectrometry

YS/T 820.8-2012 - Methods for Chemical Analysis of Laterite Nickel Ores - Part 8: Determination of Silica Content - Potassium Silica fluoride Titrimetric Method

YS/T 820.9-2012 - Methods for chemical analysis of lateritic nickel ore. Part 9: Determination of scandium and cadmium contents. Inductively coupled plasma mass spectrometry

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YS/T 820.10-2012 - Methods for chemical analysis of laterite nickel ores - Part 10: Determination of calcium, cobalt, copper, magnesium, manganese, nickel, phosphate and zinc content - Inductively coupled plasma atomic emission spectrometry

YS/T 820.11-2012 - Methods for chemical analysis of laterite nickel ores. Part 11: Determination of fluorine and chlorine contents. Ion chromatography

YS/T 820.12-2012 - Methods for chemical analysis of laterite nickel ores. Part 12: Determination of manganese content. Flame atomic absorption spectrometry

YS/T 820.13-2012 - Methods for chemical analysis of laterite nickel ores. Part 13: Determination of lead content. Flame atomic absorption spectrometry

YS/T 820.14-2012 - Methods for chemical analysis of laterite nickel ores. Part 14: Determination of zinc content. Flame atomic absorption spectrometry

YS/T 820.15-2012 - Methods for chemical analysis of laterite nickel ores. Part 15: Determination of cadmium content. Flame atomic absorption spectrometry

YS/T 820.16-2012 - Methods for chemical analysis of laterite nickel ores - Part 16: Determination of carbon and sulfur content - High frequency combustion with infrared absorption spectrometry

YS/T 820.17-2012 - Methods for chemical analysis of laterite nickel ores. Part 17: Determination of arsenic, antimony and bismuth contents. Hydride generation-atomic fluorescence spectrometry

YS/T 820.18-2012 - Methods for chemical analysis of laterite nickel ores. Part 18: Determination of mercury content. Cold atomic absorption spectrometry

YS/T 820.19-2012 - Methods for chemical analysis of laterite nickel ores. Part 19: Determination of aluminum, chromium, iron, magnesium, manganese, nickel and silicon contents. Energy-dispersive X-ray fluorescence spectrometry

YS/T 820.20-2012 - Methods for chemical analysis of laterite nickel ores. Part 20: Determination of aluminum content. EDTA titration

YS/T 820.21-2013 - Methods for chemical analysis of laterite nickel ores. Part 21: Determination of chromium content. The ammonium-ferrous sulfate titration method

YS/T 820.22-2012 - Methods for chemical analysis of laterite nickel ores. Part 22: Determination of magnesium content. EDTA titration

YS/T 820.23-2012 - Methods for Chemical Analysis of Laterite Nickel Ores - Part 23: Determination of Cobalt, Iron, Nickel, Phosphorus, Aluminium Oxide, Calcium Oxide, Chromium Oxide, Magnesium Oxide, Manganese Oxide, Silicon Dioxide and Titanium Dioxide Content - Wavelength

YS/T 820.25-2012 - Methods for chemical analysis of laterite nicekel ores. Part 25:

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Determination of combined water content. Gravimetric method

YS/T 820.26-2012 - Methods for chemical analysis of laterite nickel ores. Part 26: Determination of loss on ignition. Gravimetric method

6 Classification and status

International classification (ICS): 73.060

Chinese Standard Classification (CCS): D 04

Prefix YS/T: recommended standard.

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