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

SN/T 3102-2012

**Rules for the identification of iron ores, return fines and
millscale**

(English Translation)

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Foreword

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

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

This standard was drafted. People's Republic of China Exit Inspection and Quarantine of Hebei, Liaoning, People's Republic of China Entry-Exit Inspection and Quarantine Bureau.

1 Scope

This standard specifies the terms and definitions and return ore and iron oxide scale, technical requirements, test results and determining identification rules.

This standard applies to the name of the import and export of iron ore and return fines or iron oxide in the import and export of iron ore or iron ore blending back skin of the subject Mortem identification.

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 2007.1 bulk minerals sampling and sample preparation General manual sampling methods GB/T 2007.2 bulk minerals sampling and sample preparation General manual sample preparation method GB/T 6730.62 iron, calcium, silicon, magnesium, titanium, phosphorus, manganese, aluminum and barium content - Wavelength dispersive X-ray fluorescence spectrometry GB/T 10322.1 iron ore sampling and sample preparation methods GB/T 20565 Iron ore and direct reduced iron term JY/T 009 rotating anode X-ray

diffraction of polycrystalline General

3 Terms and Definitions

GB/T 20565 and defined by the following terms and definitions apply to this document.

Back to mine return fines After the iron ore sintering strength is poor and not fully sintered sinter crushing and screening process and return to the sintering process required a sieve Next thing.

Iron oxide milscale

Ingot and billet in the process of forging or rolling off the surface oxide layer produced iron with a sheet, also known as the scale.

Alkalinity basicity

Sinter the ratio of alkaline oxide and an acidic oxide (CaO/SiO_2).

4.1 Iron ore

Technical characteristics of iron ore in Appendix A.

4.2 RETURN FINES

Technical characteristics of the ore back to see Appendix B.