

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

SN/T 1797.7-2008

**Technical regulation on safety and sanitation for inspection of
iron ore. Part 7: Size distribution for quality evaluation**

铁矿石安全卫生检验技术规范 第7部分：质量评价 粒度分布

(English Translation)

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Foreword

SN/T 1797 "Safety of Health Laboratory technical specifications of iron ore" is divided into 12 parts.

- Part 1. manual sampling method;
- Part 2. Evaluation of total quality iron content;
- Part 3. Quality Assessment silicon content;
- Part 4. Quality Assessment of aluminum content;
- Part 5. Quality Assessment of loss on ignition;
- Part 6. Quality Evaluation of moisture content;
- Part 7. Quality evaluation of particle size distribution;
- Part 8. Evaluation of thermal cracking quality index;
- Part 9. Quality evaluation of mechanical strength;
- Part 10. Quality Assessment of the relative degree of reduction;
- Part 11. Evaluation of the quality of pellets free expansion coefficient;
- Part 12. Quality Assessment bulk density.

This section SN/T Section 71797 of.

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

This section is drafted. Jiangsu Entry-Exit Inspection and Quarantine of Jilin.

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This section first release of exit inspection and quarantine industry standards.

Iron ore Health and Safety Inspection Technical Specifications Part 7. Quality Evaluation of particle size distribution

1 Scope

This section provides general requirements for the import and export of iron ore particle size distribution evaluation.

This section applies to the import and export of natural iron ore, iron ore processing.

2 Normative references

The following documents contain provisions which, through reference in this text, constitute provisions of this part. For dated references, subsequent Amendments (not including errata content) or revisions do not apply to this section, however, encourage the parties to this part of the research agreement Whether the latest versions of these documents. For undated reference documents, the latest versions apply to this section.

GB/T 10322.1 iron ore sampling and sample preparation methods GB/T 10322.7 Determination of particle size distribution of the iron ore screening GB/T 20565 Iron ore and direct reduced iron term SN/T 1797.1 iron ore Health and Safety Inspection Technology Specification - Part 1. Sampling manual method ISO 4701 screening ore particle size distribution measuring

3 Terms and Definitions

Terms and definitions GB/T 20565 established applicable to this section.

4 Sampling and sample preparation

According to GB/T 10322.1 or SN/T 1797.1 requirements to achieve compliance with the requirements of the particle size distribution measuring sample.

5 Measurement method

Determination of particle size distribution carried out according to GB/T 10322.7 or ISO 4701 approach.

6 General requirements for iron ore particle size distribution

Import and export of iron ore particle size distribution of the general requirements in Table 1.

Table 1 General Requirements for the import and export of iron ore particle size distribution

Variety of particle size distribution/mm mass fraction /% Powder ore +10.0 ≤5.0 +6.3
≤10.0-0.150 ≤30.0 Ore +31.5 ≤15.0-6.3 ≤15.0