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

GB/T 28017-2011

Pressure mode weighing coal feeder

耐压式计量给煤机

(English Translation)

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Foreword

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

The standard reference method using redrafted International Organization of Legal Metrology No. 50 International Recommendations OIMLR50 "Continuous totalizing automatic weighing instruments (Leather Belt scale)

"(ContinuousTotalizingAutomaticWeighingInstruments) 1997 edition (E) (R50-1, R50-2) establishment, and the degree of consistency OIMLR50 not equivalent.

The difference between standard and OIMLR50 international recommendations exist, the

main technical changes are as follows.

- Prepared in accordance with the format GB/T 1 "Standardization Guide" prepared at the request format R50 international recommendations have been adjusted.
- Name from "Continuous totalizing automatic weighing instruments (belt weigher)" to "pressure type measurement stoker" and added related terms;
- To increase the content of Chapter 2, "Normative documents";
- Increase the Chapter 4, "and the model name" content;
- Increased by 5.1 content control stoker "accuracy rating";
- An increase of 6.1 "general requirements" of the content;
- An increase of 6.2 "mechanical structural requirements" of the content;
- An increase of 6.3 "Electrical requirements" of the content;
- An increase of 6.4 "main components making technical requirements" of the content;
- An increase of 6.5 "mounting technical requirements" of the content;
- An increase of 6.6 "auxiliary equipment" content;
- An increase of 7.6 "safety" of the content;
- An increase of 9.1 "type evaluation" of the content;
- 9.2.5 adds the "type evaluation result determination" of the content;
- Increased content 9.3 "factory inspection" of;
- "Mock trial" project to 5.5 "test factory" project, canceled the pilot project site materials;
- Increased Chapter 10, "signs, packaging, transport and storage" content;
- Modify the table A.6 "voltage dips and short interruptions immunity test" in the amplitude of the voltage sag original 100%, 50% changed 0%, 40%, 70%, 80%;
- Increased A.8.3 "surge (impact) immunity test" content;
- Modified A.8.4.1 "radio frequency electromagnetic radiation immunity test" field strength indicator, the 3V/m to 10V/m, the frequency of the 26M-1000MHz to 80M-1000MHz;
- Modified A.8.2 "electrical fast transient burst immunity test" by the positive and negative to each sustained 2min 1min;
- Increased A.8.5.2 "conducted disturbances induced by RF field immunity test" of the content;
- Increased A.6.3.2 "control the accuracy of the test" of the content;

- Increased A.10 "safety test" content;
- Added "structural performance test (6.2)" content A.11;
- Increased A.12 "electrical performance test (6.3)" content;
- Increased A.13 "main components detected (6.4)" content;
- Increased A.14 "assembly and test (6.5)" content;
- Increased A.15 "auxiliary device detects (6.6)" content.

This standard by the National Standardization Technical Committee instrument (SAC/TC97) centralized.

1 Scope

This standard specifies the terms pressure type measurement stoker (hereinafter referred to as "stoker"), the product type basic parameters, technical requirements, testing Methods and rules and signs, packaging, transportation and storage.

This standard is also traceable to evaluate ways to provide standardized requirements and test procedures for metrological characteristics or technical characteristics of the coal.

This standard applies to the coal preparation system power generation fuel boiler gravity principle, weighing a continuous manner, quantitative control input Send belt conveying bulk material flow and to determine the cumulative weight of the structure is not less than the measured voltage level to 0.35MPa Coal products, and the same principle for quantitative structure similar feeder product implementation.

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 191 Packaging - Pictorial signs GB/T 755 rotating electrical machines GB/T 979 carbon steel castings classification and technical conditions GB/T 1348 ductile iron GB 1498 motor, low-voltage electrical enclosure protection rating Low Temperature Test Method. A GB/T 2423.1 Basic environmental testing procedures for electric and electronic products Test High Temperature Test Method. B GB/T 2423.2 Basic environmental testing procedures for electric and electronic products Test GB/T 2423.3 electric and electronic products environmental testing procedures Test Ca. Damp heat test method GB/T 2423.37-2006 electric and electronic products environmental testing procedures Test L. Dust and sand Test Method GB/T 2423.38-2008 electric and electronic products environmental testing procedures Test R. Water test method GB/T 2887-2000 General specification for computer sites GB/T 2970 in the thick steel plate ultrasonic flaw detection

method GB/T 3323 steel weld radiographs and negatives Classification GB/T 3768 sound power levels of noise sources - Determination Simple Method GB 3836.2 Electrical apparatus for explosive gas atmospheres - Part 2. flameproof electrical equipment GB/T 4879 rust-proof packaging GB/T 4942.2 low-voltage electrical enclosure class GB/T 5048 proof packaging GB 5226.1 mechanical and electrical safety of machinery - Electrical equipment - Part 1. General requirements GB/T 5677 steel castings ray photographs and negatives Classification GB/T 6388 transport package shipping mark GB/T 6484 steel pretreatment and surface rust grade Determination of strength between GB/T 6759 belt layer of adhesive GB/T 7233 Ultrasonic testing of steel castings and weight rating points system GB/T 7251 Low-voltage switchgear and control equipment