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**DL**

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

**DL 467-1992**

Replacing DL/T 467-2004

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**Performance test for pulverizers and pulverizing systems of  
power station  
(English Translation)**

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## Foreword

This standard was drafted in accordance with the rules given in GB/T 1.1-2009 "Guidelines for Standardization Work Part 1: Standard Structure and Compilation".

Please note that certain contents of this standard may involve patents. The issuing organization of this standard does not bear the responsibility for identifying these patents.

This standard replaces DL/T 467-2004 "Power Plant Coal Mill and Pulverizing System Performance Test". This standard is in line with DL/T 467-2004 Compared with the editorial changes, the main technical changes are as follows.

- Added three items of fan power, fan power consumption, and pulverized power consumption in Chapter 3 "Terms and Definitions";
- Modified some corner marks and symbols in Chapter 4 "Markers, Symbols and Units";
- Chapter 5 "Pulverization System and Coal Mill Performance Requirements" has been

revised. The performance requirements of various types of pulverization systems and coal mills have been revised.

It is requested to be unified, no longer classified by type, and the principle system diagram of the milling system is moved to the appendix (see Appendix A);

- Chapter 6 "Test items, content requirements and measuring point layout" and "Parameters to be tested or recorded" are added;

- Added Chapter 6 "Test items, content requirements and measuring point arrangement", "Testing equipment" section, to test equipment Made a request - Chapter 6 "Test items, content requirements and measurement point layout" is revised, and the measurement point layout requirements are focused on "Measurement point layout" in the first section, clear requirements are put forward for the measurement point layout of the powder-containing pipeline;

- The layout requirements of vibration and noise measuring points in Chapter 6 "Test Items, Content Requirements and Measuring Point Arrangement" have been added;

- Chapter 6 "Test items, content requirements and measuring point layout" is revised, and the test items required for performance testing According to regulations, the test items are no longer classified according to the type of milling system;

- Modify the method of measuring the amount of steel balls in Chapter 6 "Test items, content requirements and measuring point layout", and supplement the use of chord length Calculation formula for calculating ball position;

- Chapter 6 "Test items, content requirements and measuring point layout" is revised, and the minimum output test of the medium-speed coal mill is updated.

For clear regulations;

- Added the relevant air volume characteristics test of the direct-blowing pulverizing system in Chapter 6 "Test items, content requirements and measuring point layout" content;

- Added related content of optimization test in Chapter 6 "Test Items, Content Requirements and Measuring Point Arrangement";

- Added the variable-loading medium-speed coal mill and counter-loading force system in Chapter 6 "Test items, content requirements and measurement point layout" related information;

- The related content of the dynamic and static combined coarse powder separator in Chapter 6 "Test Items, Content Requirements and Measuring Point Arrangement" has been added;

- Added the thermal primary air volume distribution check and adjustment test in Chapter 6 "Test items, content requirements and measurement point layout", Related content of

pulverized coal distribution adjustment test and air leakage test;

- Added the section "Agreements to be reached before the test" in Chapter 7 "Test Organization";
- Added the two sections "Test Program" and "Test Report" in Chapter 7 "Test Organization", the preparation of the report put forward requirements;
- Added the section "Experimental Data Processing" in Chapter 7 "Experimental Organization";
- Modified the pure air flow measurement method in Chapter 8 "Measurement Method". According to ISO 3966-2008, the air flow measurement method the method has been revised accordingly, and the characteristics of the standard lysate tube have been moved to the appendix (see appendix J);
- The sampling method and requirements for the amount of pulverized exhaust gas contained in Chapter 8 "Measurement Methods" have been added, and the sampling of pulverized coal has been more detailed Provisions;
- Chapter 8 "Measurement Method" is revised, and clear requirements for pulverized coal screening are put forward;
- Added a comprehensive table of performance test of double-in and double-out steel ball coal mill (see Appendix C);
- Added filter cartridge type isokinetic sampling tube and rotating coal pulverized coal sampling tube (see Appendix L);
- Modified the basic size table of the standard test sieve mesh (see Appendix N), and deleted the comparison with the original British and American test sieves.

Added the part with sieve holes greater than 4mm.

- Modified the coordinate map of coal particle size distribution (see Appendix O), redrawn the coordinate map, and added examples.

In this standard, the "logarithmic-linear method to find the average flow velocity" (8.2.5) and the "logarithmic-Chebyshev method to find the average velocity" (8.2.6) in accordance with Part of ISO 3966:2008 was compiled.

Appendix A, Appendix B, Appendix C, Appendix D, Appendix E, Appendix F, Appendix G, Appendix H, Appendix I of this standard are all materials

Sexual appendix.

Appendix J, Appendix K, Appendix L, Appendix M, Appendix N, Appendix O, and Appendix P of this standard are all normative appendices.

This standard was proposed by the China Electricity Council.