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

GB/T 19229-2003

Replacing GB/T 19229-2003

**Coal-fired flue gas desulphurization equipment -- Part 1:
Coal-fired flue gas wet desulphurization equipment
(English Translation)**

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Foreword

GB/T 19229 "coal-fired flue gas desulphurization equipment" is divided into four parts.

- Part 1. Wet process for flue gas desulfurization equipment;
- Part 2. Flue Gas dry/semi-dry desulfurization equipment;
- Part 3. Seawater Flue Gas Desulfurization equipment;
- Part 4. Ammonia Flue Gas Desulfurization equipment.

This section GB/T 19229 Part 1.

This standard compared with GB/T 19229-2003, the main technical differences are as follows.

- The original single standard is divided into four parts;
- Increased construction and inspection and the operation and maintenance section;

- Delete the original standard test methods and inspection rules;
- Increased its industrial automation and control, fire, construction, HVAC, and other auxiliary equipment and system requirements;
- Increased mainstream desulfurization technology program selection criteria and the design, construction, operation, and maintenance requirements.

Appendix B to this part of the normative appendix, Appendix A, Appendix C ~ Appendix G is an informative annex.

This section is proposed and managed by the China Machinery Industry Federation.

This section is drafted. Mechanical Science Research Institute, Wuhan Kaidi Electric Power Environmental Protection Co., Zhejiang University Institute for Thermal Power Engineering, Zhejiang Jiangsu Feida Environmental Science and Technology Co., Ltd., Beijing soldiers in Northern Environmental Technology Development Co., Ltd., Jiangsu Suyuan Environmental Protection Engineering Co. Shares Company, Beijing Borg Power Technology Co., Ltd., Sinosteel Tiancheng Environmental Protection Technology Co., Ltd., CPI Yuanda Environmental Protection Engineering Co.

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1 Scope

This section provides the definition of coal-fired flue gas desulfurization equipment, scope, technical requirements, acceptance of the transfer, operation and maintenance, signs, flags, Packaging, transport and storage and so on.

This section applies to coal-fired boilers, we need to use limestone - gypsum wet flue gas desulfurization of flue gas desulphurization equipment measures. Burn can refer executed oil, biomass combustion and metallurgical, chemical and pharmaceutical industries need to adopt exhaust wet flue gas desulfurization measures.

2 Normative references

The following documents contain provisions which, through GB/T 19229 in this part of the reference in terms of this section. For dated reference documents Member, all subsequent amendments (not including errata content) or revisions do not apply to this section, however, encouraged to reach under this section Parties to research agreement to use the latest versions of these documents. For undated reference documents, the latest versions apply to this section.

GB/T 191 Packaging - Pictorial signs (GB/T 191-2000, eqv ISO 780:1997) GB/T 6388

transport package shipping mark GB 8978-1996 Integrated Wastewater Discharge
Standard GB/T 9969.1 General Industrial Product Manual GB/T 13306 signs GB/T 13384
mechanical and electrical products packaging General technical conditions GB
18241.1-2001 rubber lining Part 1. anti-corrosion lining equipment GB 50009 building
structural load specifications GB 50011 Seismic Design of Buildings GB 50016 architectural
design code for fire protection GB 50040 dynamic machine foundation design specification
GB 50058 Explosion and fire hazard electrical equipment design specifications GB
50128-2005 vertical cylindrical tank welded steel construction and acceptance GB 50140
Building fire extinguishers configuration design specifications GB 50191 Code for seismic
design of structures GB 50205 steel construction and acceptance GB 50217 electrical
engineering design of cables GB 50222 interior decoration of buildings for fire protection
design GB 50229 fire protection design of power plant and substation GB 50243
Construction Quality Acceptance of Ventilation and Air Conditioning Engineering GB 50254
~ 50259 electric equipment installation engineering construction and acceptance GB 50260
Code for seismic design of power facilities GB 50300 Construction Quality Acceptance of
uniform standards GB J87 Industrial Enterprise Noise Control Design Specification Ground
DL/T 621 AC electrical installations