

ICS 13.030.40

CCS J88



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

GB/T 19229.1-2008

**Coal-fired flue gas desulphurization equipment - Part 1:
coal-fired flue gas wet desulphurization equipment**

燃煤烟气脱硫设备 第1部分：燃煤烟气湿法脱硫设备

Issued on: March 12, 2008

Implemented on: September 1, 2008

**Issued by: General Administration of Quality Supervision, Inspection and
Quarantine of the People's Republic of China;
Standardization Administration of China**

Table of Contents

1 Scope	1
2 Normative references	1
2 Requirement 3 4 5 commissioning, start-up and acceptance	9
22 Annex G (informative) limestone - gypsum wet desulphurization equipment named	26

Foreword

GB/T 19229 "coal-fired flue gas desulfurization 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. Division, the China Huadian Engineering (Group) Co., Ltd., Xi'an Thermal Power Research Institute Co., Ltd., Sichuan Hengtai Environmental Technology Co., Ltd., North Union Co-Power Co., Ltd., Fujian Longking Company. The main

drafters of this section. Li Xionghao, Gao Xiang, Ge Jielong, Jinjian Yong, Sun Kegin, Bai Yunfeng, Huhan Fang, Du Yungui, Chenming Zhong, Zhang Bin Wei, Ren Min, Wang from a wide, Yan Dong, tension, Long Hui. This part replaces the standard of previous editions.

--- GB/T 19229-2003. Coal-fired flue gas desulphurization equipment Part 1. Wet Flue Gas Desulfurization equipment

1 Scope

GB/T 19229.1-2008 is the Chinese national standard on coal-fired flue gas desulphurization equipment - part 1: coal-fired flue gas wet desulphurization equipment, in the field of environment and health protection, safety. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 12 March 2008 by the General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China; Standardization Administration of China, and has been in force since 1 September 2008. Classification: ICS 13.030.40, CCS J88. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

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