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CCS K51



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

GB/T 11920-2008

Replacing GB 11920-1989

**General specification of central control equipment and system
for electrical parts in power stations and substations**

电站电气部分集中控制设备及系统通用技术条件

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Standardization Administration of China**

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Foreword

The standard universal basic performance indicators refer to IEC standards and the relevant provisions of the relevant national technical standards, single function indicators root According to the actual use of domestic requirements developed. This standard replaces GB 11920-1989 "Electric power plant partially centralized control devices General." This standard compared with GB 11920-1989, the main differences are as follows:

--- Standard name changed to "power plant electrical parts centralized control equipment and systems - General technical conditions";

--- Increasing the electromagnetic compatibility requirements of content and network control;

--- Other editorial changes. Appendix A of this standard is an informative annex. The standard proposed by China Electricity Council. This standard by the National Standardization Technical Committee on Power System Management and Information Exchange (SAC/TC82) centralized. This standard is mainly drafted by: Nanjing Automation Research Institute of State Grid, Guodian Nanjing Automation Co., Ltd., Northwest Electric Power Design Institute, Xu Following the Group, Huadian Power Group Yangzhou Power Plant. The main drafters of this standard. Xu Mu Gun, Zhong Ze Zhang, Jiang Yanjun, Zhang Yu, Li Shun, Tao Xuejun, Shao Jiaqi. This standard replaces the standards previously issued as follows:

--- GB 11920-1989. Electric power station part of centralized control equipment and systems General technical conditions

1 Scope

GB/T 11920-2008 is the Chinese national standard on general specification of central control equipment and system for electrical parts in power stations and substations, in the field of electrical engineering. 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 24 September 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 August 2009. Classification: ICS 29.240.01, CCS K51. 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 standard specifies the electrical part of the power plant control equipment and centralized control system of technical requirements and performance, centralized control device Test methods, inspection rules, product labeling, packaging, transportation, storage products and accompanying documents. This standard applies to electrical part of the centralized control of power systems and other industrial and mining enterprises located in different capacities substations or power plants involved Equipment and systems (hereinafter referred to as centralized control equipment and systems); as the manufacturer of the products design, manufacture, testing, storage and the development of its production Product standard basis.

2 Normative references

The following documents contain provisions which, through reference in this standard and become the standard terms. For dated references, subsequent Amendments (not including errata content) or revisions do not apply to this standard, however, encourage the parties to the agreement are based on research Whether the latest versions of these documents. For undated reference documents, the latest versions apply to this standard.

GB/T 191-2008 Packaging - Pictorial signs (GB/T 191-2008, ISO 780.1997, MOD)

GB/T 2421-1999 Environmental testing for electric and electronic products - Part