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CCS F 85



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

GB/T 7165.1-2005

Replacing GB/T 7165.1-1987

**Equipment for continuous monitoring of radioactivity in
gaseous effluents -- Part 1: General requirements**

气态排出流(放射性)活度连续监测设备 第1部分：一般要求

(English Translation)

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What this standard covers

This standard specifies the type of monitoring equipment acceptance form, right kind of monitoring equipment can be expected on the possible measuring range and ability to provide a general guide, and that fit in when and where the use of such monitoring equipment. This section applies to normal operation and anticipated operational occurrences case of continuous monitoring of radioactivity in gaseous effluents equipment. This section does not apply to a specific device in case of accident. Used in case of an accident may be required to meet specific equipment other performance requirements. This section is limited to continuous monitoring of radioactivity in gaseous effluents equipment, not for sampling and laboratory analysis equipment. The purpose of this section is required to be given to comply with the general requirements and continuous monitoring of radioactivity in gaseous effluents equipment inspection methods. This section provides the general characteristics of this type of monitoring equipment, general test methods, radiation characteristics, electrical characteristics, safety features and environmental characteristics as well as equipment identification and inspection certificate. If the device is continuously monitoring nuclear radiation centralized part of the system may need to increase the requirements related with other systems.

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