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

GB/T 11923-2008

Replacing GB/T 11923-1989

Level meter utilizing ionizing radiation

电离辐射物位计

(English Translation)

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Foreword

This corresponds to the standard IEC 60982. 1989 "the use of ionizing radiation with continuous or switching output level measurement system", and IEC 60982. 1989 non-equivalent.

This standard replaces GB/T 11923-1989 "ionizing radiation level meter." this standard and GB/T 11923-1989 main differences are as follows.

- Reference to IEC 60982. 1989, this standard will change the title of "ionizing radiation level meter";
- Update and add normative references;
- Adds a number of terms and definitions;
- Delete the original standard Chapter 4, "Categories";
- Modify the "normal operating conditions" classification and requirements (4.1.2);
- Modify the output signal switching and continuous output signal level meter, respectively, classified technical requirements listed, and "test method" row Columns are also to be adjusted accordingly (Section 5);
- Increase the electromagnetic compatibility requirements;
- Increased influence of the "external magnetic field" and "mechanical vibration" (5.3.2.4 and 5.3.2.5);
- For factory inspection and type inspection made more detailed principled provisions (6.2 and 6.3).

The standard proposed by China National Nuclear Corporation.

This standard by the National Nuclear Instrument Standardization Technical Committee (SAC/TC30) centralized.

This standard was drafted. Shanghai Industrial Automation Instrument Research Institute, Shenzhen Metrology and Quality Inspection Institute, Institute of Nuclear Industry Standardization.

3 Terms and Definitions

The following terms and definitions apply to this standard.