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

GB/T 15446-2008

Replacing GB/T 15446-1995

Terminology relating to radiation processing dosimetry

辐射加工剂量学术语

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Foreword

This standard replaces GB/T 15446-1995 "dose radiation processing of academic language." This standard and GB/T 15446-1995 compared to the main changes are as follows:

- Added "normative references";
- An increase of some terminology;
- Of GB/T 15446-1995 some of the terms were redefined;
- Of a structure 15446-1995 GB/T has been modified, while the term are classified. The standard proposed by China National Nuclear Corporation. This standard by the National Standardization Technical Committee of nuclear energy. This standard was drafted. China Institute of Metrology, Shanghai Jinpeng source of radiation Technology Co., Ltd. The main drafters. Zhang Yanli, Zheng Bin, Zhang and Gong Xiaoming, summer shading. This standard replaces the standards previously issued as follows:
- GB/T 15446-1995. Dose radiation processing of academic language

1 Scope

GB/T 15446-2008 is the Chinese national standard on terminology relating to radiation processing dosimetry, in the field of metrology and measurement. 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 2 July 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 April 2009. Classification: ICS 17.240, CCS A58. 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 terms related to radiation processing dosimetry. This standard applies to the field of radiation processing dosimetry and application of a dose of academic language.

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. ISO /IEC Guide99 international basic and common terminology dosimetry ASTM E170 radiation dose measurement and academic language Report No. ICRU60 basic Ionizing Radiation Quantities and Units

3 Terms and definitions

ISO /IEC Guide99, ASTM E170, No. ICRU60 report and established the following terms and definitions apply to this standard.

3.1 General basic terms

3.1.1 A set of inherent characteristics meet stated, generally implied or expected level of demand or obligatory.

3.1.2 In order to ensure product, process or service quality, meet the requirements of (latent or have) the requirements of the organizational structure, responsibilities, procedures, activities, capabilities and resources Source, etc. constitute an organic whole.

3.1.3 File organization specified quality management system.

3.1.4 In order to achieve a predetermined level of quality, necessary to provide adequate confidence in the calibration measurement or all of the system processing activity.

3.1.5 In order to achieve the job specifications or technical measures and provide for data quality requirements taken.

3.1.6 The process according to the characteristics of the irradiation apparatus to ensure proper dosage taken measures and procedures.

3.1.7 In the manufacturing process to ensure product quality assurance measures taken and procedures.