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In the event of any doubts arising as to the contents,
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Foreword

This Japanese Industrial Standard has been revised by the Minister of Economy, Trade and Industry through deliberations at the Japanese Industrial Standards Committee as the result of proposal for revision of Japanese Industrial Standard submitted by The Japanese Society for Non-destructive Inspection (JSNDI)/Japanese Standards Association (JSA) with the draft being attached, based on the provision of Article 12 Clause 1 of the Industrial Standardization Law applicable to the case of revision by the provision of Article 14.

Consequently **JIS Z 4560**:1991 is replaced with this Standard.

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Apparatus for industrial gamma radiography

Introduction

This Japanese Industrial Standard has been prepared based on **ISO 3999:2004**, Edition 2, with some modifications of the technical contents to correspond to the International Standard and the related laws and regulations in Japan, which have been revised since the previous revision of this Standard.

The vertical lines on both sides and dotted underlines indicate changes from the corresponding International Standard. A list of modifications with the explanations is given in Annex JA.

1 Scope

This Standard specifies the performances, design and test methods of industrial gamma-ray apparatus used for the gamma-ray radiography (hereafter referred to as apparatus for industrial gamma radiography). When items are controlled by laws and regulations in Japan, they are to be complied with.

NOTE : The International Standard corresponding to this Standard and the symbol of degree of correspondence are as follows.

ISO 3999:2004 *Radiation protection—Apparatus for industrial gamma radiography—Specifications for performance, design and tests* (MOD)

In addition, symbols which denote the degree of correspondence in the contents between the relevant International Standard and **JIS** are **IDT** (identical), **MOD** (modified), and **NEQ** (not equivalent) according to **ISO/IEC Guide 21-1**.

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this Standard. For standards with the year indication, only the editions of the indicated year shall be applied and the revisions (including amendments) made thereafter shall not be applied. For those without the indication of the year, the most recent edition (including amendments) shall be applied.

JIS C 60068-2-6 *Environmental testing—Part 2-6: Tests—Test Fc: Vibration (sinusoidal)*

NOTE : Corresponding International Standard: IEC 60068-2-6 *Environmental testing—Part 2-6: Tests—Test Fc: Vibration (sinusoidal)*

JIS C 60068-2-47 *Environmental testing—Part 2-47: Tests—Mounting of specimens for vibration, impact and similar dynamic tests*

NOTE : Corresponding International Standard: IEC 60068-2-47 *Environmental testing—Part 2-47: Tests—Mounting of specimens for vibration, impact and similar dynamic tests*