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

This translation has been made based on the original Japanese Industrial Standard revised by the Minister of Health, Labour and Welfare and 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 Japan Safety Appliances Association (JSAA)/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 T 8131:2000** is replaced with this Standard.

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Industrial safety helmets

Introduction

This Japanese Industrial Standard has been prepared based on the first edition of **ISO 3873** published in 1977, but by making some modifications to update its technical contents to suit the current situation in Japan regarding safety, etc. and to establish consistency with “Standard of Safety Helmet” stipulated by the Minister of Health, Labour and Welfare.

The portions with continuous sidelines or dotted underlines are the matters in which the contents of the corresponding International Standard have been modified. A list of modifications with the explanations is given in Annex JB.

1 Scope

This Standard specifies the physical properties and performance requirements, the related test methods and marking requirement for the industrial safety helmets (hereafter referred to as “safety helmets”) intended for protection of head against flying or dropping objects, tumbling and falling down.

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

ISO 3873:1977 *Industrial safety helmets* (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 reference

The following standard contains provisions which, through reference in this text, constitute provisions of this Standard. The most recent edition of the standard (including amendments) indicated below shall be applied.

ISO 6487 *Road vehicles—Measurement techniques in impact tests—Instrumentation*

3 Terms and definitions

For the purpose of this Standard, the following terms and definitions apply.

3.1 industrial safety helmet

a working helmet primarily intended to protect the wearer’s head against injury (see Figure 1)

3.2 shell

the material which covers the wearer’s head and provides the general form of the helmet