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restraints—Part 1: General**

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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 Crane Association (JCA)/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 B 8826-1**:2004 is replaced with this Standard.

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JIS B 8826 series consists of the following 5 parts under the general title “*Cranes—Access, guards and restraints*”:

Part 1: General

Part 2: Mobile cranes

Part 3: Tower cranes

Part 4: Jib cranes

Part 5: Overhead travelling cranes and portal bridge cranes

Cranes—Access, guards and restraints— Part 1: General

Introduction

This Japanese Industrial Standard has been prepared based on the second edition of **ISO 11660-1** published in 2008 with some modifications of the technical contents, in order to reflect the actual situation in Japan.

The portions given 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 JA.

1 Scope

This Standard establishes the general requirements for access to control stations and other areas of cranes defined in **JIS B 0146-1**, during normal operations, maintenance, inspection, erection, dismantling and emergency. It also deals with guards and restraints in general, concerning the protection of persons on or near the crane with regard to moving parts, falling objects or live parts.

The particular requirements for various types of cranes are given in **JIS B 8826-2**, **JIS B 8826-3**, **JIS B 8826-4** and **JIS B 8826-5**. In some cases, the particular requirements may not comply with the general requirements. Different dimensions can be permitted provided an equivalent or higher degree of protection is achieved.

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

ISO 11660-1:2008 *Cranes—Access, guards and restraints—Part 1: General* (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. The most recent editions (including amendments) shall be applied.

JIS B 0146-1 *Cranes—Vocabulary—Part 1: General*

JIS B 8826-2 *Cranes—Access, guards and restraints—Part 2: Mobile cranes*

JIS B 8826-3 *Cranes—Access, guards and restraints—Part 3: Tower cranes*

JIS B 8826-4 *Cranes—Access, guards and restraints—Part 4: Jib cranes*

JIS B 8826-5 *Cranes—Access, guards and restraints—Part 5: Overhead travelling cranes and portal bridge cranes*