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**Cranes — Limiting and indicating
devices — Part 3: Tower cranes**

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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 established by the Minister of Health, Labour and Welfare and the Minister of Economy, Trade and Industry through deliberations at the Japanese Industrial Standards Committee according to the proposal for establishment of Japanese Industrial Standard 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.

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JIS B 8827 consists of the following 5 parts under the general title “*Cranes — Limiting and indicating devices*”:

Part 1: General

Part 2: Mobile cranes (to be established)

Part 3: Tower cranes

Part 4: Jib cranes (to be established)

Part 5: Overhead travelling cranes and portal bridge cranes (to be established)

Cranes — Limiting and indicating devices — Part 3 : Tower cranes

Introduction

This Japanese Industrial Standard has been prepared based on the second edition of ISO 10245-3 published in 2008 with some modifications of the technical contents so as to maintain conformance with the related laws and regulations in Japan.

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

1 Scope

This Standard specifies the limiting and indicating devices concerning the load, motion, and function suitable for the targeted environment for tower cranes specified in JIS B 0146-1. These devices give operation information to operators or other persons involved according to the limitation and indication of the operating motion and function.

It is not applicable to end stops such as buffers used to stop trolleying, travelling or derricking movements, nor to erection, dismantling operations or the changing of a crane's configuration.

General requirements of limiting and indicating devices related to the operation and function of tower cranes are given in JIS B 8827-1.

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

ISO 10245-3 : 2008 *Cranes — Limiting and indicating devices — Part 3 : Power cranes* (MOD)

The symbols which denote the degree of correspondence in the contents between JIS and the corresponding International Standard 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 any revisions (including amendments) made thereafter shall not be applied. For those without the indication of the