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**Powered industrial trucks — Brake
performance and brake tests**

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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 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 Industrial Vehicles Association (JIVA)/Japanese Standards Association (JSA) with a draft being attached, based on the provision of Article 12, paragraph (1) of the Industrial Standardization Act applied mutatis mutandis pursuant to the provision of Article 16 of the said Act. This edition replaces the previous edition (**JIS D 6023** : 2012), which has been technically revised.

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Powered industrial trucks — Brake performance and brake tests

Introduction

This Japanese Industrial Standard has been prepared based on **ISO 6292** : 2020, Edition 3, by limiting the scope of application and modifying some of the technical contents.

Annex JA is unique to **JIS** and not given in the corresponding International Standard. The dotted underlines indicate changes from the corresponding International Standard. A list of modifications with the explanations is given in Annex JB.

1. Scope

This Standard specifies performance, test methods, control forces and component strength for brake systems fitted to forklift trucks (hereafter referred to as forklifts) and variable-reach trucks of all capacities, as defined in **JIS D 6201**.

Loss of electrical power and loss of any other form of power assistance is not covered by this Standard. Braking systems used in emergency situations (e.g. activating the emergency switch or control system shut down) are not covered in this Standard.

This Standard only includes requirements for newly manufactured trucks.

NOTE 1 In addition to the provisions of this Standard, the braking force requirements of forklift structural standards (Notification No. 89 of the Ministry of Labour, 1972) based on the provisions of Article 42 of the Industrial Safety and Health Act apply to the forklifts according to their type, application, etc.

NOTE 2 The International Standard corresponding to this Standard and the symbol of degree of correspondence are as follows.

ISO 6292 : 2020 *Powered industrial trucks and tractors — Brake performance and component strength* (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

Part or all of the provisions of the following standards, through reference in this text, constitute provisions of this Standard. The most recent editions of the standards (including amendments) indicated below shall be applied.

JIS D 0106 *Road vehicles — Brake types, braking mechanics and brake operation — Vocabulary*

JIS D 6201 *Self-propelled industrial trucks — Vocabulary*