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**Cycles—Part 2: Braking device test
methods**

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Foreword

This Japanese Industrial Standard has been established by 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 submitted by Japan Bicycle Promotion Institute (JBPI)/Japanese Standards Association (JSA) with the draft being attached, based on the provision of Article 12 Clause 1 of the Industrial Standardization Law.

Consequently **JIS D 9201**:2001 has been withdrawn and replaced with this Standard.

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Attention is drawn to the possibility that some parts of this Standard may conflict with patent rights, applications for a patent after opening to the public or utility model rights. The relevant Minister and the Japanese Industrial Standards Committee are not responsible for identifying any of such patent rights, applications for a patent after opening to the public or utility model rights.

JIS D 9313 series consists of the following 7 parts under the general title *Cycles*:

Part 1: General rule for test method and parts test methods

Part 2: Braking device test methods

Part 3: Steering device test methods

Part 4: Body unit test methods

Part 5: Running device test methods

Part 6: Driving device test methods

Part 7: Seating device test methods

Cycles—Part 2: Braking device test methods

Introduction

This Japanese Industrial Standard has been prepared based on **ISO 4210-4:2014**, Edition 1, with some changes made in the technical contents to reflect the needs and conditions specific to Japan and to ensure safety of the products.

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 test methods for braking device of bicycles for general use and bicycles for exclusive sports usage as defined in **JIS D 9111**.

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

ISO 4210-4:2014 *Cycles—Safety requirements for bicycles—Part 4: Braking test methods* (MOD)

In addition, symbols which denote the degree of correspondence in the contents between the relevant International Standards 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 of the standards (including amendments) indicated below shall be applied.

JIS D 9111 *Cycles—Classification, terminology and essential characteristics*

NOTE Corresponding International Standard: ISO 4210-1:2014 *Cycles—Safety requirements for bicycles—Part 1: Terms and definitions* (MOD)

JIS D 9301 *Bicycles for general use*

NOTE Corresponding International Standard: ISO 4210-2:2015 *Cycles—Safety requirements for bicycles—Part 2: Requirements for city and trekking, young adult, mountain and racing bicycles* (MOD)

JIS D 9304 *Bicycles for exclusive sports usage*

NOTE Corresponding International Standard: ISO 4210-2:2015 *Cycles—Safety requirements for bicycles—Part 2: Requirements for city and trekking, young adult, mountain and racing bicycles* (MOD)