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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.

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# Bicycles for exclusive sports usage

## Introduction

This Japanese Industrial Standard has been prepared based on **ISO 4210-2:2015**, Edition 2, with some modifications of the technical contents to reflect the needs and conditions unique 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 requirements for bicycles for exclusive sports usage (hereafter referred to as bicycles) as defined in **JIS D 9111**.

The bicycles for exclusive sports usage include mountain bicycles and racing bicycles.

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

ISO 4210-2:2015 *Cycles—Safety requirements for bicycles—Part 2: Requirements for city and trekking, young adult, mountain and racing bicycles* (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 C 9502 *Lighting equipment for bicycles*

**NOTE** Corresponding International Standard: ISO 6742-1:1987 *Cycles—Lighting and retro-reflective devices—Photometric and physical requirements—Part 1: Lighting equipment* (MOD)

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 9313-1 *Cycles—Part 1: General rule for test method and parts test methods*

**NOTE** Corresponding International Standard: ISO 4210-3:2014 *Cycles—Safety requirements for bicycles—Part 3: Common test methods* (MOD)

JIS D 9313-2 *Cycles—Part 2: Braking device test methods*

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