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Cycles — Classification, terminology and essential characteristics

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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 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 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 applicable to the case of revision by the provision of Article 14. Consequently, **JIS D 9111**:2010 is replaced with this Standard, and **JIS D 9101**:2012 has been withdrawn and replaced with this Standard.

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.

Cycles — Classification, terminology and essential characteristics

Introduction

This Japanese Industrial Standard has been prepared based on **ISO 4210-1** : 2014, Edition 1, and on **ISO 8090** : 1990, Edition 1, with some modifications of the technical contents, including addition of related terms that are used in Japan.

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 type classification, terms, definitions and essential characteristics of cycles.

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

ISO 4210-1 : 2014 *Cycles — Safety requirements for bicycles — Part 1 : Terms and definitions*

ISO 8090 : 1990 *Cycles — Terminology* (Overall evaluation: 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 Type classification of cycles

Type classification and component classification of cycles shall be as follows.

a) **Type classification** Cycles are classified as shown in Table 1. Types listed under sub-classification are cycle types. Examples of configurations of respective cycles are shown in Figures 1 to 10.