

JIS

JAPANESE INDUSTRIAL STANDARD

Method of stability test
for bicycles

JIS D 9203-1993

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JAPANESE INDUSTRIAL STANDARD

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Method of stability test
for bicycles

D 9203-1993

1. Scope This Japanese Industrial Standard specifies the method of stability test on level ground for bicycles specified in D 9301.

Remarks: 1. The following standard is cited in this Standard:

JIS D 9301 Bicycles for general use

2. The units and numerical values given in { } in this Standard are based on the traditional units and are appended for informative reference.

2. Test procedure

2.1 Test material shall be the fully assembled bicycle, whose inflation pressure of tyre shall be at the specified value (unless specified, 250 kPa {2.5 kgf/cm²} for front tyre and 280 kPa {2.8 kgf/cm²} for rear tyre).

2.2 Test shall be performed on the dry, plane and paved road with calm weather condition.

2.3 Measure the stability and check the stable condition by driving the bicycle at a constant speed riding straight without holding on.

After driving the 20 m runway at 10 km/h, measure the width of wheel tread, and check for the unsteadiness of handlebars and unevenness for running the measuring course with 0.5 m width and 10 m length keeping the same speed without holding the handlebars.

2.4 The test result shall be recorded on the Attached Table 1 form.

Remarks: Test shall preferably be performed with no wind condition, but light breeze condition may be applicable if it does not affect the result.