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**General rules of brake test method of
automobiles and motor cycles**

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Foreword

This Japanese Industrial Standard has been 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 Society of Automotive Engineers of Japan, Inc. (JSAE) 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 0210** : 1995), which has been technically revised.

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General rules of brake test method of automobiles and motor cycles

1 Scope

This Japanese Industrial Standard specifies the definitions of terms, vehicle divisions, test conditions, braking speed measuring methods, temperature measuring methods and calculation formulae to be used in common to the brake test methods of automobiles.

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 C 1602 *Thermocouples*

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

JIS D 0107 *Road vehicles — Braking equipments — Vocabulary*

3 Terms and definitions

For the purpose of this Standard, the terms and definitions given in **JIS D 0106** and **JIS D 0107** apply.

4 Vehicle divisions

In the case where the vehicles under test are divided according to the maximum speed, the divisions shall be as follows.

- a) **Division 1** Those of over 140 km/h in maximum speed
- b) **Division 2** Those of over 110 km/h up to and including 140 km/h in maximum speed
- c) **Division 3** Those of over 90 km/h up to and including 110 km/h in maximum speed
- d) **Division 4** Those of over 60 km/h up to and including 90 km/h in maximum speed
- e) **Division 5** Those of 60 km/h or under in maximum speed

5 Test conditions

5.1 Vehicle conditions

The vehicle conditions at testing shall be as follows.