

JIS

JAPANESE INDUSTRIAL STANDARD

**General rules for defining
expression of the performance of
industrial-process measurement
and control equipment**

JIS C 1803—1995

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by

Japanese Standards Association

In the event of any doubt arising,
the original Standard in Japanese is to be final authority.

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General rules for defining expression of
the performance of industrial-process
measurement and control equipment

C 1803-1995

1. Scope This Japanese Industrial Standard specifies procedures for defining expression of the fundamental performance of industrial-process measurement and control equipment.

If there is a Standard which defines the procedure for expressing the performance of a specific equipment, the Standard shall be followed.

Remarks: The following standards are cited in this Standard:

JIS B 0155 Glossary of terms used in industrial process
measurement and control

JIS C 1002 Glossary of terms used in electronic measuring
apparatus

JIS C 1804 Operating conditions for industrial-process
measurement and control equipment

JIS Z 8103 Glossary of terms used in instrumentation

2. Definitions For the purpose of this Standard, in addition to the definitions given in JIS B 0155, JIS C 1002, and JIS Z 8103, the following definitions apply:

- (1) rated performance The performance of individual equipment assured by the manufacturer. It is principally indicated in catalogs, general specifications, etc.
- (2) individual performance The performance obtained by carrying out actual test on individual equipment. It is mainly indicated in the test report.
- (3) type test The test carried out for the purpose of verifying all the rated performances.

Generally the type test is applied to the tests carried out by the manufacturer for verifying all the performances on the trial product and mass products and by the user for verifying the rated performances.

- (4) individual test The test carried out to verify individual performance, on some parts of all the items which represent the individual performance in general.

Generally the individual test is applied to the tests carried out by the manufacturer as the shipping test and by the user as the witness test.