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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 3386.2-2007

**Electrical and pneumatic analogue chart recorders for use in
industrial-process control systems -- Part 2: Guidance for
inspection and routine testing**

工业过程控制系统用电动和气动模拟图纸记录仪第2部分:检查和例行试验导则

(English Translation)

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Table of Contents

- Foreword
- 1 Scope
- 2 Normative references
- 3 Terms and Definitions
- 4 Samples tested
- 5 Performance Test

Foreword

GB/T 3386 "industrial process control systems with electric and pneumatic analogue chart recorders" is divided into two parts.

--- Part 1. Methods for performance evaluation;

--- Part 2. Inspection and routine testing.

This section GB/T 23386 Part of, identical with IEC 60873-2:2004 "industrial process control systems with electric and pneumatic Analogue chart recorders - Part 2. Inspection and routine testing. " this section is equivalent translation IEC 60873-2:2004 (English version).

To comply with GB/T 1.1-2000 "Standardization Guide Part 1. Standard structure and writing rules" and GB/T 20000.2-2001. the relevant provisions of "Standardization Guide Part 2 of the rules of international standards" and ease of use, the development of this section made the following editorial changes.

--- "This standard" be replaced by "GB/T 3386 to the present section";

--- Delete foreword international standards;

--- Original language reference guide according to the provisions of the standard GB/T 1.1-2000 changed to normative documents referenced introductory phrase;

--- Normative references A list of documents according to the provisions of GB/T 1.1-2000 re-arranged;

--- 5.1 adds quotation marks to show the sign of the error handling should be consistent with the provisions of GB/T 3386 the first part.

This part is proposed by China Machinery Industry Federation.

This part of the measurement and control of Standardization Technical Committee first

points by the National Technical Committee of industrial processes.

This section is responsible for drafting unit. Shanghai Institute of Industrial Automation Instrumentation.

Participated in the drafting of this section. Shanghai Automation Instrumentation and Systems Testing, Shanghai Automation Instrumentation Co., Ltd. Recorder

Table Manufacturing, Sichuan-Chongqing Plant Co., actuators branches recorders.

1 Scope

This section GB/T 3386 is suitable for use in process control signal standardization work (industrial process control systems) electric and pneumatic Analogue chart recorders, including continuous dashes and RBI recorders and multi-point and multi-pen recorder. Some tests may not apply to all Loggers, and certain types of recorders may require additional testing.

This section is intended for the electric and pneumatic analogue chart recorders for inspection and routine tests, such tests provide acceptance tests or after repair Technical support. Full Performance Test or in harsh conditions. recorder (such as temperature) should adopt the use of GB/T 3386.1. As long as there can be Energy, should be GB/T 18271 regulations are tested and personnel must be familiar with the standards.

Quantitative criteria for acceptable performance should be negotiated by the manufacturer and user. The test report should indicate those tests done. This section to Seek shall come into force with the approval of the manufacturer and the user's consent.

2 Normative references

The following documents contain provisions which, through reference to GB/T 3386 to the present, constitute provisions of this section. For dated reference documents Member, all subsequent amendments (not including errata content) or revisions do not apply to this section, however, encouraged to reach under this section Parties to research agreement to use the latest versions of these documents. For undated reference documents, the latest versions apply to this section.

GB/T 3386.1-2007 industrial process control systems with electric and pneumatic analogue chart recorders - Part 1. Performance Evaluation party Method (IEC 60873-1:2003, IDT)
GB/T 18271.3-2000 Process measurement and control devices - General methods and procedures for evaluating performance - Part 3. effects of influence quantities Test (idt IEC 61298-3:1998) IEC 60410. 1973 Sampling procedures and inspection program IEC 61010-1:2001 measurement, control and laboratory use safety requirements for electrical equipment - Part 1. General requirements

3 Terms and Definitions

GB/T 3386.1 and established the following terms and definitions apply GB/T 3386 of this section.

Used to test user authentication device complies with certain conditions stipulated in the contract requirements.

4 Samples tested

If the user and the manufacturer agreed to be tested on a sample batch, it suggested the use of IEC 60410. 1973 Sampling methods proposed.

When sampling, selected by the user surveyors were tested recorder.

5 Performance Test

Environmental conditions test site shall be recorded (see GB/T 3386.1-2007 5.1).

Adjustment. For the zero, span and damping should be after (as for example, acceptance tests) in the final manufacturing adjustments, or after a user-determined adjustment (Example GB/T 3386.2-2007/IEC 60873-2:2004