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Foreword

This translation has been made based on the original Japanese Industrial Standard revised by the Minister of International Trade and Industry through deliberations at Japanese Industrial Standards Committee in accordance with the Industrial Standardization Law. Consequently **JIS B 8401 : 1994** is replaced with **JIS B 8401 : 1999**.

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Automatic steam traps

Introduction This Standard is the Japanese Industrial Standard prepared based on **ISO 6704**, *Automatic steam traps—Classification* published in 1982 and **ISO 6948**, *Automatic steam traps—Production and performance characteristic tests* published in 1981, in such a manner that the corresponding parts in the International Standards (Scope, Definitions and Test method) are adopted without modifying the technical content and the items not specified in the corresponding International Standards (Performance, Inspection and marking) complementarily are provided for a part of Japanese Industrial Standard.

The portions with sidelines in this Standard are the matters not specified in the corresponding International Standards.

1 Scope This Japanese Industrial Standard specifies the automatic steam traps according to the following mode of actuation (hereafter referred to as “traps”).

- a) **Mechanical traps** Actuated by the level of condensate.
- b) **Thermostatic traps** Actuated by the temperature of condensate.
- c) **Thermodynamic traps** Actuated by fluid dynamics of condensate.

Remarks 1 Fig. 1 shows examples of division by the mode of actuation.