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# (JVMA)

Application and installation of safety devices excluding stand-alone bursting disc safety devices

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## Foreword

This Japanese Industrial Standard has been established by the Minister of Economy, Trade and Industry through deliberations at the Japanese Industrial Standards Committee according to the proposal for establishment of Japanese Industrial Standard submitted by Japan Valve Manufacturers' Association (JVMA) with a draft being attached, based on the provision of Article 12, paragraph (1) of the Industrial Standardization Act.

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NOTE Based on Article 9 of the Supplementary Provisions to the Unfair Competition Prevention Act etc., any submission of proposal, or employment of procedures such as deliberation by the Japanese Industrial Standards Committee under the previous Industrial Standardization Act shall be deemed to have been conducted pursuant to the provision of Article 12, paragraph (1) of the revised Industrial Standardization Act.

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# Application and installation of safety devices excluding stand-alone bursting disc safety devices

#### Introduction

This Japanese Industrial Standard has been prepared based on **ISO 4126-9**:2008, Edition 1, with some modifications of the technical contents, in order to reflect the actual situation in Japan.

The dotted underlines indicate changes from the corresponding International Standard. A list of modifications with the explanations is given in Annex JA.

#### 1 Scope

This Standard specifies the requirements for the application and installations of safety devices such as safety valves, safety valves and bursting disc safety devices in combination, pilot-operated safety valves and controlled safety pressure-relief systems for the protection of pressure equipment. For the application and installation of bursting disc safety devices, **JIS B 8226-3** applies.

This Standard describes the normative requirements for applications and installations of safety devices to protect static pressure equipment. The information contained in this Standard assumes single-phase flow of the fluid discharged from the safety device. **JIS B 8227** provides guidance specific to two-phase flow conditions.

Equipment connected together in a system by piping of adequate capacity, which is free from potential blockages and does not contain any valve that can isolate any part, can be considered to be a safety system for the application of pressure relief.

This Standard does not deal with other safety devices, such as safety related monitoring, control and regulation devices and other limiting devices allowed by some national regulations.

- NOTE 1 National regulations described in this Standard indicate the High Pressure Gas Safety Act, the Electricity Business Act, the Gas Business Act and the Industrial Safety and Health Act in Japan.
- NOTE 2 The International Standard corresponding to this Standard and the symbol of degree of correspondence are as follows.

ISO 4126-9:2008 Safety devices for protection against excessive pressure— Part 9: Application and installation of safety devices excluding standalone bursting disc safety devices (MOD)

In addition, symbols which denote the degree of correspondence in the contents between the relevant International Standards and **JIS** are IDT (identical), MOD (modified), and NEQ (not equivalent) according to **ISO/IEC Guide 21-1**.