

JIS

JAPANESE
INDUSTRIAL
STANDARD

Translated and Published by
Japanese Standards Association

JIS B 8210 : 2017

(JBA/JSA)

**Safety devices for protection
against excessive pressure—
Safety valves**

ICS 13.240;27.060.30

Reference number : **JIS B 8210 : 2017 (E)**

B 8210 : 2017

Date of Establishment: 1950-09-18

Date of Revision: 2017-11-25

Date of Public Notice in Official Gazette: 2017-11-27

Investigated by: Japanese Industrial Standards Committee

Standards Board for ISO area

Technical Committee on Industrial Machinery

JIS B 8210:2017, First English edition published in 2018-05

Translated and published by: Japanese Standards Association
Mita MT Building, 3-13-12, Mita, Minato-ku, Tokyo, 108-0073 JAPAN

In the event of any doubts arising as to the contents,
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Printed in Japan

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Foreword

This Japanese Industrial Standard has been revised by the Minister of Health, Labour and Welfare and 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 Japan Boiler Association (JBA)/Japanese Standards Association (JSA) with the draft being attached, based on the provision of Article 12 Clause 1 of the Industrial Standardization Law applicable to the case of revision by the provision of Article 14. Consequently **JIS B 8210**:2009 is replaced with this Standard.

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Safety devices for protection against excessive pressure—Safety valves

Introduction

This Japanese Industrial Standard has been prepared based on **ISO 4126-1:2013** (Edition 3) and its Amendment 1:2016, and **ISO 4126-7:2013** (Edition 2) and its Amendment 1:2016. Some of the technical contents of the International Standards have been modified to bring them into accordance with needs and circumstances unique to Japan. The amendments to the International Standards have been compiled into this Standard.

The vertical lines on both sides and dotted underlines indicate changes from the corresponding International Standard. A list of modifications with the explanations is given in Annex JB.

1 Scope

This Standard specifies requirements for full bore safety valves with a set pressure of 0.1 MPa (gauge pressure)¹⁾ and above and with a throat diameter of 7 mm and above, and curtain area restricted safety valves with a valve seat opening diameter of 15 mm and above. This Standard is not applicable to pilot-operated safety valves, or those safety valves used for pressure vessels for refrigeration.

This is a product standard, and is not applicable to applications of safety valves.

Note ¹⁾ Pressure requirements in this Standard are given in either absolute pressure or gauge pressure, whichever is appropriate for the particular requirement. Absolute pressures are given in Pa, with the indication “(absolute)” attached after the unit where clear distinction is necessary. All gauge pressures are given in Pa with the indication “(gauge)” attached after it.

NOTE The International Standards corresponding to this Standard and the symbol of degree of correspondence are as follows.

ISO 4126-1:2013 *Safety devices for protection against excessive pressure—Part 1: Safety valves* and Amendment 1:2016

ISO 4126-7:2013 *Safety devices for protection against excessive pressure—Part 7: Common data* and Amendment 1:2016 (Overall evaluation: MOD)

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

2 Normative references

The following standards contain provisions which, 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 B 0100 *Glossary of terms for valves*