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(JBA/JSA)

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

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In the event of any doubts arising as to the contents,
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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 a draft being attached, based on the provision of Article 12, paragraph (1) of the Industrial Standardization Act applied *mutatis mutandis* pursuant to the provision of Article 16 of the said Act. This edition replaces the previous edition (**JIS B 8210 : 2017**), which has been technically revised.

However, **JIS A 8210 : 2017** may be applied in the JIS mark certification based on the relevant provisions of Article 30, paragraph (1), etc. of the Industrial Standardization Act until 24 February 2026.

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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 said International Standards have been incorporated into this Standard.

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

1 Scope

This Standard specifies requirements for full bore safety valves with a set pressure of 0.1 MPa (gauge)¹⁾ and above and with a throat diameter of 7 mm and above, and curtain area restricted safety valves with a seat 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 Standards and **JIS** are IDT (identical), MOD (modified), and NEQ (not equivalent) according to **ISO/IEC Guide 21-1**.