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(JSAA/JSA)

Personal face protectors for welding

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Foreword

This translation has been made based on the original Japanese Industrial Standard revised by 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 Safety Appliances Association (JSAA)/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 T 8142 : 1989** is replaced with this Standard.

This revision is made for harmonizing with **JIS T 8141** revised for conformity with the corresponding International Standards.

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In the event of any doubts arising as to the contents,
the original JIS is to be the final authority.

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Contents

	Page
1 Scope	1
2 Normative references	1
3 Definitions	1
4 Kind and type	1
5 Quality	3
5.1 Face plate	3
5.2 Electric insulation of face protectors for welding	4
5.3 Resistance to corrosion of metal parts	4
6 Construction	4
6.1 General	4
6.2 Helmet type face protectors for welding	4
6.3 Handshield type face protectors for welding	5
7 Dimensions of face plate	5
8 Material	5
9 Test	6
9.1 Face plate	6
9.2 Test for electric insulation of face protectors for welding	8
9.3 Test for resistance to corrosion of metal parts	8
10 Designation of product	8
11 Marking	8
12 Instruction manual	9

Personal face protectors for welding

1 Scope This Japanese Industrial Standard specifies the personal face protectors for welding (hereafter referred to as “face protectors for welding”) to protect the eye of workers using together with a filter plate and a cover plate specified in **JIS T 8141** from ultraviolet radiation and infrared radiation, and intense visible radiation hazardous to eyes (hereafter referred to as “hazardous radiations”) which are generated when welding, thermal cutting, etc. are carried out and to protect the front face of face area, and head and neck area from the danger of injury such as arc, spatter, etc.

2 Normative references The following standards contain provisions which, through reference in this Standard, constitute provisions of this Standard. If the indication of the year of coming into effect is given to these normative references, only the edition of indicated year constitutes the provision of this Standard, but the revision and amendment made hereafter are not applied. The normative references without the indication of the year of coming into effect apply limiting only to the most recent edition (including amendments).

JIS T 8131 : 2000 *Industrial safety helmet*

JIS T 8141 *Eye protectors for radiations*

3 Definitions For the purposes of this Standard, the following definitions shall apply.

- a) **filter plate** A filter plate specified in **JIS T 8141**, which is a rectangular filter for shielding hazardous radiations.
- b) **cover plate** A rectangular and colourless transparent glass plate or plastic plate for preventing spatter, fumes, etc. from adhering to filter plates. It is used together with a filter plate.
- c) **face plate** A face plate to cover the front face of face area, and head and neck area with a window capable of inserting a filter plate and a cover plate.
- d) **helmet type** Face protectors for welding worn on the head area.
- e) **handshield type** Face protectors for welding held with hands.
- f) **safety helmet** A safety helmet specified in **JIS T 8131** or a safety helmet specified in the standard of the protective helmet stipulated in Industrial Safety and Health Law.

4 Kind and type The kind and type of face protectors for welding shall be as shown in Table 1 and Fig. 1.