

Translated and Published by Japanese Standards Association

 $JIS\ T\ 8151\ : 2018$

(JSAA/JSA)

Particulate respirators

ICS 13.340.30

Reference number : JIS T 8151 : 2018 (E)

T 8151: 2018

Date of Establishment: 1972-02-28

Date of Revision: 2018-04-25

Date of Public Notice in Official Gazette: 2018-04-25

Investigated by: Japanese Industrial Standards Committee

Standards Board for ISO area Technical Committee on Safety

JIS T 8151:2018, First English edition published in 2019-01

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

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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 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 8151**:2005 is replaced with this Standard.

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Particulate respirators

JIS T 8151:2018

1 Scope

This Japanese Industrial Standard specifies the particulate respirators used at the workplaces and other locations under the environment that may cause harmful effects on a human body by the inhalation of particulate substances floating in air (hereafter referred to as dust and the like).

- **WARNING 1** Do not use a particulate respirator under the oxygen deficiency environment.
- **WARNING 2** Do not use a particulate respirator in a place where a toxic gas or vapour, or volatile mist exists.
- **WARNING 3** Do not use a replaceable type particulate respirator equipped with an inhalation assisting device under the environment in which an explosion may occur, unless it is proved as the explosion-proof electrical apparatus.
- **WARNING 4** Select the particulate respirators correctly based on the type and concentration of the dust and the like.

Criteria for the selection of suitable respiratory protective devices are specified in **JIS T 8150**.

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 T 8001 Glossary of terms for respiratory protective devices
- JIS T 8150 Guidance for selection, use and maintenance of respiratory protective devices

3 Terms and definitions

For the purpose of this Standard, the terms and definitions given in **JIS T 8001**, and the following apply.

3.1

replaceable type particulate respirator

particulate respirator designed so that it is not disposal but can be used by replacing a particle filter or other parts, even if they are damaged or their functions are declined after the start of use

The particulate respirators are available in two types, those equipped with an electrically-powered inhalation assisting device intended for reducing the inhalation load of a wearer, and those not equipped with.