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Gas respirators

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Foreword

This translation has been made based on the original Japanese Industrial Standard 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 8152: 2002 is replaced with this Standard.

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Gas respirators

JIS T 8152: 2012

Introduction

This Japanese Industrial Standard was established as **JIS B 9903** (Gas respirators) in 1955, and has gone through several revisions to this day. The last revision was performed in 2002. The revision at this time is to respond to the increasing types of toxic gas to be handled, the development of absorbents, the advance of testing technologies and necessity of appropriate expression, etc.

No corresponding International Standard has been published at this time.

1 Scope

This Standard specifies gas respirators for inhaling the air cleaned by removing toxic gases or vapours (hereafter referred to as "toxic gas") or particulate matters mixed with toxic gas in work area or other places (hereafter referred to as "respirators").

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 indicated below (including amendments) shall be applied.

JIS T 8001 Glossary of terms for respiratory protective devices

JIS Z 8102 Names of non-luminous object colours

JIS Z 8721 Colour specification—Specification according to their three attributes

3 Terms and definitions

For the purposes of this Standard, the terms and definitions specified in JIS T 8001 apply.

4 Classification

The respirators are classified into the types given in table 1.

The cartridges are as given in table 2 and, moreover, they are divided into those with particulate filter (combination filters) and those without particulate filter (gas filters).

The symbols for each class of combination filter classified in accordance with filtering efficiency are as given in table 3.

NOTE: The combination filters are intended as well to collect and remove particulate matters, and there are two types, built-in filter type and separable filter type.