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(JSAA/JSA)

Supplied-air respirators

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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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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 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 T 8153** : 2002), which has been technically revised.

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Supplied-air respirators

1 Scope

This Japanese Industrial Standard specifies the requirements for the supplied-air respirators to be used in workplaces such as factories and mines, fire sites, ships, tunnels and other places in which inhalation of oxygen-deficient air, particulate matter, gases or vapours may cause a hazard to humans.

2 Normative references

Part or all of the provisions of the following standards, 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 1501 *Rolling bearings — Balls*

JIS C 1509-1 *Electroacoustics — Sound level meters — Part 1 : Specifications*

JIS K 6330-2 *Rubber and plastics hoses and hose assemblies — Part 2 : Hydrostatic testing*

JIS T 8001 *Glossary of terms for respiratory protective devices*

JIS T 8141 *Personal eye protectors for optical radiations*

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

maximum working pressure of compressed air-line breathing apparatus

maximum pressure in the pressure range designated by the manufacturer for proper use of compressed air-line breathing apparatus

3.2

minimum working pressure of compressed air-line breathing apparatus

minimum pressure in the pressure range designated by the manufacturer for proper use of compressed air-line breathing apparatus

3.3

medium pressure SAR hose

flexible tube for passing breathable medium-pressure air from the air-supply source up to the hose connector for use in compressed air-line breathing apparatus

Note 1 to entry The medium pressure herein refers to the gauge pressure from 98 kPa to 980 kPa.