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**Compressed air open-circuit  
self-contained breathing apparatus**

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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 8155:1994** is replaced with this Standard.

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# Compressed air open-circuit self-contained breathing apparatus

## Introduction

This Japanese Industrial Standard was established in 1971 and has gone through four revisions. The revision at this time aims to respond to the revisions of related **JISs** and advances in technology that have taken place subsequent to the last revision which was made in 1994.

No corresponding International Standard has been established at this point.

## 1 Scope

This Standard specifies the compressed air open-circuit self-contained breathing apparatuses, to be used where there is a risk of inhalation of oxygen-deficient air or powdery dust, gas, steam, etc. harmful to human body in places of work sites such as factories, mines, etc., in occurrence of fire, inside ships, and in environment of higher pressure than atmospheric pressure, tunnels, and others. This Standard is not applicable to breathing apparatus for diving purposes.

## 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 B 1501 *Rolling bearings — Balls*

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

JIS T 8159 *Leakage rate testing method for respiratory protective devices*

Japanese Agricultural Standard for Plywood

## 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 demand type

breathing apparatus provided with a demand valve

### 3.2 pressure demand type

breathing apparatus provided with a pressure demand valve

### 3.3 air supply hose

generic term for inhalation hose and medium-pressure hose