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AS CZ11—1968
AS Z18 —1968
UDC 614.894

Australian Standards CZ11 and Z18–1968

RESPIRATORY PROTECTIVE DEVICES

STANDARDS ASSOCIATION OF AUSTRALIA
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AUSTRALIAN STANDARDS

CODE OF RECOMMENDED PRACTICE FOR RESPIRATORY PROTECTIVE DEVICES

AS CZ11—1968

SPECIFICATION FOR RESPIRATORY PROTECTIVE DEVICES

AS Z18—1968

AS CZ11 first issued	1960
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THE FOLLOWING SCIENTIFIC, INDUSTRIAL AND GOVERNMENTAL organizations and departments were officially represented on the committee entrusted with the preparation of these standards:

Associated Chambers of Commerce of Australia

Associated Chambers of Manufactures of Australia

Australian Gas Association

Australian and New Zealand Railways Conferences

Australian Medical Association

Department of Labour and National Service

Departments of Health

Department of Mines

Department of the Navy

Department of Supply

Fire Brigades

Insurance Companies

Joint Coal Board

National Safety Council of Australia

Royal Australian Chemical Institute

Safety Engineering Society of Australasia

Sydney Metropolitan Water, Sewerage and Drainage Board

These standards, prepared by Committee SF/10, Respiratory Protective Devices, were approved on behalf of the Council of the Standards Association of Australia on 5 July 1968.

To keep abreast of progress in industry, Australian standards are regularly reviewed. Suggestions for improvement to published standards are welcomed; these should be addressed to the headquarters of the Association, Sydney.

These standards were issued in draft form for public review as Docs. 1205 and 1206.

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PREFACE

These two standards comprise comprehensive revisions of the existing code and specification dealing with respiratory protective devices. The work of revising these standards was authorized by the Safety Standards Coordinating Committee because of the need to review the provisions of the code and to amend the specification to take into account developments in industry and to include additional respiratory protective devices.

Whilst advice is given in the code on the type of equipment suitable for a particular respiratory hazard it is stressed that no person should be exposed to an atmosphere that is or may be injurious to health. Every effort should be made to remove the hazard by improvement of plant and method of operation; but where the hazard remains the respiratory protective devices suitable for the hazard must be available for immediate use.

In order to provide greater assistance to those responsible for the purchase of respiratory protective devices and to users, a complete revision has been made of those sections in the code dealing with selection and use.

In the revised specification, requirements for air purifying devices have been widened to include a combined dust and chemical cartridge respirator, whilst in regard to supplied air devices it has been found advantageous to separate requirements for hose masks from airline respirators and to provide for three types of airline respirator. Requirements for self-contained breathing apparatus have been expanded with the inclusion of the escape type, which will provide protection for a maximum of 15 minutes, and the liquid oxygen type.

The code refers to two types of protective device in the self-contained breathing apparatus range, for which no specification requirements are at present available—the liquid oxygen closed circuit type and the oxygen generating type; consideration is being given to the inclusion of these at a later revision.

In the preparation of these standards consideration was given to the following publications:

BS 2091, Canister Respirators (Gas Masks) and Dust Respirators (Dust Masks)—and to a draft revision of this standard

USAS Z2 American Standard Safety Code for the Protection of the Head, Eyes and Respiratory Organs

International Occupational Safety and Health Information Centre (CIS) Information Sheet 9, "Respiratory Protective Devices"

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