

AS 1470—1986

Australian Standard[®]

**Health and safety at work—
Principles and practices**

This Australian standard was prepared by Committee SF/1, Safe Working in Industry. It was approved on behalf of the Council of the Standards Association of Australia on 21 September 1986 and published on 3 November 1986.

The following interests are represented on Committee SF/1:

Australian Federation of Construction Contractors
Australian Post
Australasian Institute of Mining and Metallurgy
Bureau of Steel Manufacturers of Australia
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Principles and practices**

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PREFACE

This standard was prepared by the Association's Committee on Safe Working in Industry to supersede AS 1470—1973, Code of General Principles for Safe Working in Industry.

The standard is based on a number of clearly defined trends in safety management that have become more evident since the 1973 edition, including the following:

- (a) Extensions of the functions of safety management to incorporate—
 - (i) the control of conditions that result in personal damage in the longer term, e.g. excessive noise;
 - (ii) product safety;
 - (iii) vehicular safety;
 - (iv) mitigation of the effects of industrial operations on the environment; and
 - (v) fire prevention and control.
- (b) Promulgation of the International Labour Office's Convention 155, to extend the scope of the term 'health', in relation to work, to include all physical and mental elements affecting health and directly related to safety and hygiene at work.
- (c) Compliance with legislation, in several States, which requires formal consultative arrangements at workplaces to promote employee participation in health and safety matters.

Recent extensions of the role and functions of safety management require a thorough knowledge of the accident phenomenon, as well as the need for recourse to assistance from the specialized disciplines of ergonomics, industrial hygiene, system safety, and loss control. This edition addresses itself to these needs as do modern tertiary courses in occupational health and safety.

Every effort has been made to preserve the broad simplicity of the previous edition of the standard so that the general principles expressed can be understood and applied by all organizations, irrespective of size. The standard covers all aspects considered necessary to ensure health and safety at work. However, the principles and practices listed herein are covered only in broad terms and reference to supplementary Australian standards is necessary to obtain detailed specifications for particular operations and equipment (e.g. guarding of power presses).

During preparation of this standard assistance was received from the following publications:

- 'Safety and Health at Work' — Department of Employment and Industrial Relations
- 'Policy Statement on Occupational Safety and Health' — The National Labour Consultative Council.
- Occupational Health and Safety — International Labour Office (ILO), Convention 155 and Recommendation 164.

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