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**Industrial safety gloves and
mittens**

STANDARDS AUSTRALIA



THE FOLLOWING SCIENTIFIC, INDUSTRIAL AND GOVERNMENTAL organizations and departments were officially represented on the committee entrusted with the preparation of this standard:

Bureau of Steel Manufacturers of Australia
Confederation of Australian Industry
Department of Labour and Industry (N.S.W.)
Department of Productivity
Electricity Supply Association of Australia
Health Commission of New South Wales
Metropolitan Water, Sewerage and Drainage Board
National Safety Council of Australia
Safety Institute of Australia
Telecom Australia.

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To keep abreast of progress in industry, Australian standards are regularly reviewed. Suggestions for improvements to published standards, addressed to the head office of the Association, are welcomed.

This standard was issued in draft form for public review as DR 75049.

INDUSTRIAL SAFETY GLOVES AND MITTENS

(Excluding Electrical and Medical Gloves)

AS 2161 — 1978

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PREFACE

This standard was prepared by the Association's Committee on Industrial Safety Gloves under the authority of the Safety Standards Board, as the revision and metrication of AS Z4—1963, which it accordingly supersedes.

It covers industrial safety gloves and mittens designed to provide protection for the hands and portions of the arms, against common industrial hazards. The scope of the revised standard has been expanded and it now provides for gloves and mittens manufactured from leather, PVC, asbestos, treated wool, rubber and terry cord (loop pile).

The standard does not apply to gloves used by the medical profession or to gloves used for protection against electrical hazards.

Appendices set out various methods of test referred to in the standard, give recommendations for typical reinforcement of fabricated gloves and, in Appendix M, include a guide to the selection of industrial safety gloves and mittens for particular operational hazards.

This standard may require reference to the following standards:

- AS 1176 Methods of Test for Combustion Characteristics of Textile Materials
- AS 1863 Coated Abrasives (Technical Products)
- AS B128 Methods for the Verification of Testing Machines
- BS 3424 Methods of Test for Coated Fabrics
- BS 903 Methods of Testing Vulcanized Rubber
 - Part A2—Determination of Tensile Stress-Strain Properties
 - Part A19—Accelerated Ageing Test.

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