

Australian Standard[®]

INDUSTRIAL CLOTHING

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The following interests are represented on Committee CS/67:

Australia Post
Australian Retailers' Association
Australian Wool Corporation
AWTA Textile Testing
Confederation of Australian Industry
Department of Defence
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PREFACE

This Standard was prepared by the Association's Committee on Industrial Clothing, to supersede AS L26 to L30—1966, Men's Industrial Clothing Made From Pre-shrunk Cotton Cloth.

The major changes in this Standard are outlined below:

- (a) *Garment range.* The Standard has been extended to cover work shorts, sleeveless coveralls, and industrial jackets.
- (b) *Performance requirements.* Generally, any fabric, thread, or seam may be used in the manufacture of industrial clothing provided that it complies with the performance requirements for the particular garments. The performance requirements were based on tests of available fabrics, seams, and garments, and relate mainly to woven fabrics. Knitted fabrics are unlikely to comply with the requirements of this Standard, but their exclusion is largely due to a lack of information on appropriate test methods and performance levels.
- (c) *Garment dimensions.* Although garments are required to comply with standard sizing codes, garment dimensions have not been specified. These dimensions were regarded as design restrictive and somewhat arbitrary given the lack of anthropometric information on the Australian population.

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STANDARDS ASSOCIATION OF AUSTRALIA

Australian Standard
INDUSTRIAL CLOTHING

SECTION 1. SCOPE AND GENERAL

1.1 SCOPE. This Standard specifies design and performance requirements for industrial clothing intended primarily for protecting the wearer's clothes from dirt, soilage, and wear and tear. It does not apply to garments designed for protection against specific hazards such as fire and chemicals.

NOTES:

1. Guidance on the selection, care and use of clothing for protection against heat and fire is given in AS 2375.
2. Standards for clothing for protection against thermal and chemical hazards are in the course of preparation.

1.2 REFERENCED DOCUMENTS. The following Standards are referred to in this Standard:

- AS 1344 Size Coding Scheme for Women's Clothing (Underwear, Outerwear and Foundation Garments).
- AS 1954 Size Coding Scheme for Men's Wear (Including Multiple Fitting Outerwear and Industrial Wear).
- AS 1957 Care Labelling of Clothing, Household Textiles, Furnishings, Upholstered Furniture, Bedding, Piece Goods and Yarns.
- AS 2001 Methods of Test for Textiles.
- 2001.2.3 Part 2—Physical Tests—Determination of Breaking Force and Extension of Textile Fabrics.
- 2001.2.10 Part 2—Physical Tests—Determination of the Tear Resistance of Woven Textile Fabrics by the Wing-rip Method.
- 2001.2.16 Part 2—Physical Tests—Determination of Water Repellency of Textile Surfaces—Spray Rating Test.
- 2001.2.20 Part 2—Physical Tests—Determination of Seam Breaking Force.
- 2001.4.3 Part 4—Colourfastness Tests—Determination of Colourfastness to Rubbing.
- 2001.4.15 Part 4—Colourfastness Tests—Determination of Colourfastness of Textiles to Washing.
- 2001.4.16 Part 4—Colourfastness Tests—Determination of Colourfastness of Textiles to Dry Cleaning Solvents.
- 2001.4.17 Part 4—Colourfastness Tests—Determination of Colourfastness to Perspiration.
- 2001.4.21 Part 4—Colourfastness Tests—Determination of Colourfastness to Light Using an Artificial Light Source (Mercury Vapour—Tungsten Filament—Internally Phosphor-coated Lamp).
- 2001.5.4 Part 5—Dimensional Change—Determination of Dimensional Change in Laundering of Textile Fabrics and Garments—Automatic Machine Method.
- 2001.5.7 Part 5—Dimensional Change—Determination of Dimensional Change on Drycleaning in Perchloroethylene, Excluding Finishing—Machine Method.
- AS 2332 Slide Fasteners.
- AS 2375 Guide to the Selection, Care and Use of Clothing for Protection Against Heat and Fire.
- AS 2392 Labelling of Clothing, Household Textiles and Furnishings.
- AS 2621 Care Labelling—Guide to the Selection of Correct Care-labelling Instructions from AS 1957.
- AS 2622 Textile Products—Fibre Content Labelling.
- AS 2892 Textiles for Hospitals and Institutions—Fabric Specifications.
- ISO 105/A Textiles—Tests for Colourfastness—Part A: General.
- ISO 4915 Textiles—Stitch Types—Classification and Terminology.
- ISO 6330 Textiles—Domestic Washing and Drying Procedures for Textile Testing.
- ANSI L14.239 Soil Release: Oily Stain Release Method.
- ANSI/AATCC 124 Appearance of Durable Press Fabrics after Repeated Home Launderings.
- AATCC 119 Colour Change Due to Flat Abrasion (Frosting): Screen Wire Method.*

1.3 DEFINITIONS. For the purpose of this Standard, the definitions below apply.

1.3.1 Work trousers—a two-legged outer garment that reaches from waist to ankles.

1.3.2 Work shorts—a two-legged outer garment that reaches from the waist to the knee or above.

1.3.3 Bib and brace overalls—work trousers with attached bib front and shoulder braces.

* Published by American Association of Textile Chemists and Colorists.