

**Australian Standard  
1249, Part 3-1977**

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**CHILDREN'S NIGHT CLOTHES  
HAVING REDUCED FIRE HAZARD**

**Part 3- LIMITATION AND  
REQUIREMENTS FOR  
CHILDREN'S NIGHT CLOTHES  
IN CATEGORY 3**



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

Australian Confederation of Apparel Manufacturers  
Australian Consumers Association  
Australian Federation of Consumer Organizations  
Australian Knitting Industries Council  
Australian Retailers Association  
Australian Wholesale Softgoods Federation  
Australian Wool Corporation  
Australian Wool Testing Authority  
Carpet Manufacturers Federation of Australia  
Cotton and Manmade Fibres Federation  
CSIRO, Division of Protein Chemistry  
CSIRO, Division of Textile Physics  
Department of Construction  
Department of Labour and Industry (N.S.W.)  
Department of Labour and Industry (Tas.)  
Department of Labour Relations and Consumer Affairs (Qld.)  
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Knitted Fabrics Manufacturers Association of Australia  
Ministry of Consumer Affairs (N.S.W.)  
Ministry of Consumer Affairs (Vic.)  
Royal Childrens Hospital, Melbourne  
University of New South Wales  
Wool Textile Manufacturers of Australia

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This standard, prepared by Committee TX/13, Burning Behaviour of Textiles and Textile Products, was approved on behalf of the Council of the Standards Association of Australia on 22 March 1977, and was published on 1 May 1977.

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, Sydney, are welcomed.

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**AUSTRALIAN STANDARD SPECIFICATION**

**CHILDREN'S NIGHT CLOTHES  
HAVING REDUCED FIRE HAZARD**

**Part 3**

**LIMITATIONS AND  
REQUIREMENTS FOR  
CHILDREN'S NIGHT  
CLOTHES IN CATEGORY 3**

**AS 1249, Part 3 - 1977**

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## P R E F A C E

This Part of AS 1249 was prepared by the Association's Committee on Burning Behaviour of Textiles and Textile Products. It sets out limitations with respect to fabric types and garment length for garments classified as Category 3 in AS 1989, Classification and Labelling Requirements of Children's Night Clothes for Fire Hazard, because of the fire hazard associated with certain fabrics and design.

The requirements set out in this Part should be regarded as tentative and it is foreshadowed that they will be reviewed after 2 years. During this period investigations are to be undertaken in respect of —

- (a) length of all types of garments covered by Category 3 of AS 1989,
- (b) the desirability to restrict hem length of all night dresses and dressing gowns falling within Category 3 of AS 1989.

Attention is drawn to the following related Australian standards:

**AS 1176** Methods of Test for Combustion Characteristics of Textile Materials

Part 1—Method for the Determination of Ease of Ignition

Part 2—Method for the Determination of Burning Time and Heat Output

Part 3—Method for the Determination of Surface Burning Properties

**AS 1249** Children's Night Clothes having Reduced Fire Hazard

Part 1—Children's Night Clothes made from Fabrics for Domestic Apparel of the Low Fire Hazard Type

Part 2—Children's Night Clothes Designed to Reduce Fire Hazard

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## STANDARDS ASSOCIATION OF AUSTRALIA

### Australian Standard Specification for CHILDREN'S NIGHT CLOTHES HAVING REDUCED FIRE HAZARD

#### PART 3. LIMITATIONS AND REQUIREMENTS FOR CHILDREN'S NIGHT CLOTHES IN CATEGORY 3

**3.1 SCOPE.** This Part of the specification defines the limitations in the use of fabric types and garment length for garments classified as Category 3 of AS 1989.\* It specifies requirements for children's night clothes which cannot be classified as Category 1 or Category 2 of that standard.

**3.2 APPLICATION.** This Part applies to garments including pyjamas, pyjama style over-garments, nightdresses, dressing gowns, infant sleepbags, etc made for children from 12 months to 14 years and covered by body sizes 0 - 14 of AS 1182.†

**3.3 DEFINITIONS.** For the purpose of this Part, the following definitions apply:

*Fabric* - a woven, knitted or non-woven textile material. It includes tassels, cords, belts, sashes, appliqués and similar products used as garment accessories.

*Surface burning time* - the time required to propagate a flame by the pile or nap of the fabric when tested by the method described in AS 1176, Part 3.‡ It is expressed as the minimum time of a number of determinations made during testing of the fabric.

*Cellulosic fibre*§ -

- (a) a natural cellulosic fibre (e.g. cotton, linen etc); or
- (b) a regenerated cellulosic fibre obtained by the cuprammonium, viscose or other process including deacetylation (e.g. rayon, modal).

*Acetate fibre*§ - secondary cellulose acetate or cellulose triacetate.

NOTE: Secondary cellulose acetate has less than 92 percent but at least 74 percent of the hydroxyl group acetylated. Cellulose triacetate has at least 92 percent of the hydroxyl groups acetylated.

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\* AS 1989, Classification and Labelling Requirements of Children's Night Clothes for Fire Hazard.

† AS 1182, Size Coding Scheme for Children's Clothing (Underwear and Outerwear) (Metric Units).

‡ AS 1176, Methods for the Determination of the Flammability of Textiles from which Clothing may be Made  
Part 3-Method for the Determination of Surface Burning Properties

§ See ISO 2076, Generic Names for Man-made Fibres.