



DRAFT EAST AFRICAN STANDARD

Textile garments — Specification — Part 2: Shirts and blouses

EAST AFRICAN COMMUNITY

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Contents

Page

Foreword	iv
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Requirements	2
4.1 Additional requirements	2
4.2 Specific requirements	2
4.2.1 Physical and chemical requirements	2
4.2.2 Dimensions	2
4.2.3 Number of stitches	2
5 Labelling	2
6 Sampling	2
Annex A (informative) Dimensions of shirts and blouses	3
Bibliography	5

Foreword

Development of the East African Standards has been necessitated by the need for harmonizing requirements governing quality of products and services in the East African Community. It is envisaged that through harmonized standardization, trade barriers that are encountered when goods and services are exchanged within the Community will be removed.

The Community has established an East African Standards Committee (EASC) mandated to develop and issue East African Standards (EAS). The Committee is composed of representatives of the National Standards Bodies in Partner States, together with the representatives from the public and private sector organizations in the community.

East African Standards are developed through Technical Committees that are representative of key stakeholders including government, academia, consumer groups, private sector and other interested parties. Draft East African Standards are circulated to stakeholders through the National Standards Bodies in the Partner States. The comments received are discussed and incorporated before finalization of standards, in accordance with the Principles and procedures for development of East African Standards.

East African Standards are subject to review, to keep pace with technological advances. Users of the East African Standards are therefore expected to ensure that they always have the latest versions of the standards they are implementing.

The committee responsible for this document is Technical Committee EASC/TC 061, *Textiles, textile products and accessories*.

Attention is drawn to the possibility that some of the elements of this document may be subject of patent rights. EAC shall not be held responsible for identifying any or all such patent rights.

EAS 1141 consists of the following parts, under the general title *Textile garments — Specification*:

- *Part 1: General requirements*
- *Part 2: Shirts*
- *Part 3: T-shirts*
- *Part 4: Skirts and dresses*
- *Part 5: Jackets and coats*
- *Part 6: Cardigans and sweaters*
- *Part 7: Trousers and shorts*

Textile garments — Specification — Part 2: Shirts and blouses

1 Scope

This Draft East African Standard specifies requirements, sampling and test methods for shirts and blouses.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

DEAS 1141-1, *Textile garments — Specification — Part 1: General requirements*

ISO 2859-1, *Sampling procedures for inspection by attributes — Part 1: Sampling schemes indexed by acceptance quality limit (AQL) for lot-by-lot inspection*

ISO 12945-2, *Textiles — Determination of fabric propensity to surface pilling, fuzzing or matting — Part 2: Modified Martindale method*

ISO 12947-1, *Textiles — Determination of the abrasion resistance of fabrics by the Martindale method — Part 1: Martindale abrasion testing apparatus*

ISO 13934-1, *Textiles — Tensile properties of fabrics — Part 1: Determination of maximum force and elongation at maximum force using the strip method*

ISO 13937-1, *Textiles — Tear properties of fabrics — Part 1: Determination of tear force using ballistic pendulum method (Elmendorf)*

ISO 13938-2, *Textiles — Bursting properties of fabrics — Part 2: Pneumatic method for determination of bursting strength and bursting distension*

ISO 18890, *Clothing — Standard method of garment measurement*

3 Terms and definitions

For the purposes of this document, the terms and definitions apply.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

— ISO Online browsing platform: available at <http://www.iso.org/obp>

3.1

shirt

garment for the upper part of the body, typically having a collar, sleeves, and front opening

3.2

blouse

upper body garment worn by women and girls

4 Requirements

4.1 Additional requirements

Shirts shall comply with the colourfastness, restricted chemical substances, pH, fibre composition, packaging and other general requirements specified in DEAS 1141-1.

4.2 Specific requirements

4.2.1 Physical and chemical requirements

Shirts, or the fabric used for the manufacture of shirts shall comply with the specific requirements given in Table 1 when tested in accordance with the test methods specified therein.

Table 1 — Specific requirements for shirts and blouses or the fabric used to manufacture shirts and blouses

Parameter	Requirement	Test method
Breaking strength ^a (for both directions), N, min.	111	ISO 13934-1
Tear strength ^a (for both directions), N, min.	20	ISO 13937-1
Bursting strength ^b , kPa, min.	160	ISO 13938-2
Abrasion resistance at 2 000 rubs	No noticeable wear	ISO 12947-1
Piling resistance (500 rubs), min.	4	ISO 12945-2
^a Applicable to woven and nonwoven garments		
^b Applicable to knitted garments. Use a test area of 50 cm ²		

4.2.2 Dimensions

The dimensions of shirts and blouses are as given in Annex A for guidance purposes. Garment measurements may be carried out in accordance with ISO 18890.

4.2.3 Number of stitches

The stitches used shall not be less than four stitches per centimetre.

5 Labelling

Shirts and blouses shall comply with the labelling requirements in DEAS 1141-1.

6 Sampling

Sampling shall be done in accordance with ISO 2859-1.

Annex A (informative)

Dimensions of shirts and blouses

Table A.1 and Table A.2 contain dimensions of shirts and blouses for guidance purposes only. Figure A.1 is an example of a shirt and a blouse to show measurement points.

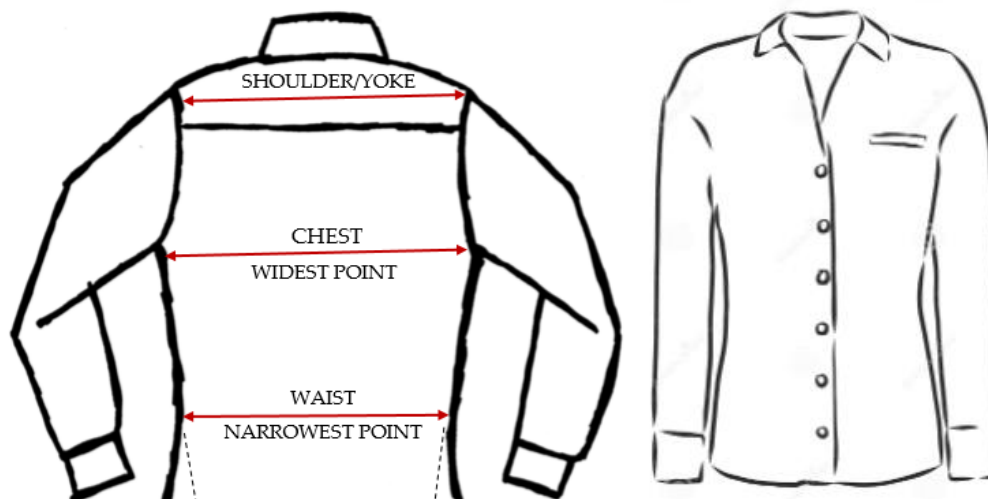


Figure A.1 — Examples of a shirt and a blouse

Table A.1 — Dimensions of men's and boys' shirts

Size designation	Dimension Inches ^a		
	Collar	Chest	Waist
XXXS	14	30 - 32	24
XXS	14.5	32 - 34	26
XS	15	34 - 36	28
S	15.5	36 - 38	30
M	16	38 - 40	32
L	17	40 - 42	34
XL	17.5	42 - 44	36
XXL	18.5	44 - 46	38
XXXL	19.5	46 - 48	40
^a 1 inch = 2.54 cm			

Table A.2 — Dimensions of women's and girls' shirts and blouses

Size designation	Dimension inches	
	Bust	Waist
XXXS (2)	28 - 29	22 - 23
XXS (4)	30 - 31	23 - 24
XS (6)	31 - 32	25 - 26
S (8)	32 - 33	27
S (10)	34 - 35	27 - 28
M (12)	35 - 36	29 - 30
M (14)	37 - 38	30 - 31
L (16)	38 - 40	32 - 33
L (18)	41 - 42	34 - 35
XL (20)	42 - 43	35 - 36
XL (22)	44 - 45	37 - 38
XXL (24)	46 - 48	39 - 40

Bibliography

US 1970-2: 2021, *Textile garments — Specification — Part 2: Shirts*

Draft for Public Consultation