

# PRIVATE SPECIFICATION

Prepared for



**SOUTH AFRICAN AIRWAYS**

A STAR ALLIANCE MEMBER 

**LADIES GROUND STAFF JACKET, NO COLLAR, BLUE & RED**



**Item Number: CO26 & C081**  
**Document Number: SAA 1013**  
**Version 02.0/April 2014**

# 1. Scope

This specification<sup>1</sup> covers the material, cut and make of jackets for female staff members of the South African Airways. The garment variations covered in this specification are as given in table 1:

Table 1 – Garment variations

Type			Description	Item Number
1.1	Red	Team leaders	Jacket, ladies'	CO81
1.2	Royal Blue	Ground staff		CO26

# 2. Definitions and Abbreviations

For the purpose of this specification the definitions given in SANS 10371 "Terms and definitions for clothing" and the following shall apply:

**acceptable:** acceptable to the South African Airways

**nominal:** subject to the tolerances normal to good manufacturing practice

**SANS:** South African National Standard

# 3. Style

The style is as follows:

- ♦ single breasted
- ♦ paneled foreparts and back
- ♦ rounded neckline with cut-away front edges
- ♦ shaped front edge
- ♦ welted side pocket with embroidered emblems
- ♦ four back panels
- ♦ one button fastening
- ♦ facings
- ♦ fully lined
- ♦ shaped side seams
- ♦ cut-away at the front bottom edges
- ♦ long two-piece sleeves

<sup>1</sup> This private specification has been compiled by National Private Specifications (Pty) Ltd. [privatespecs@vodamail.co.za](mailto:privatespecs@vodamail.co.za)

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## 4. Illustrations

Illustrations are not to scale and are for guidance only.

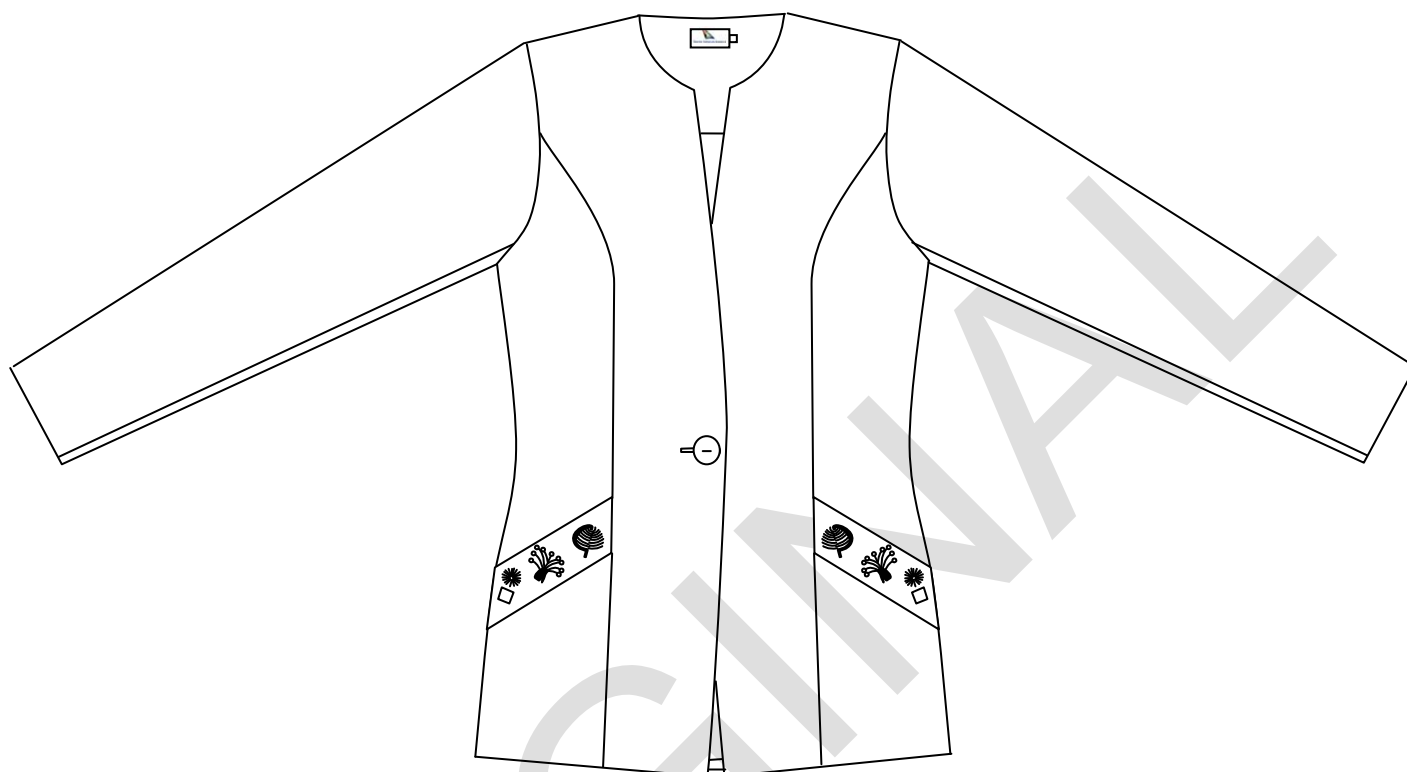


Figure 1 – Front

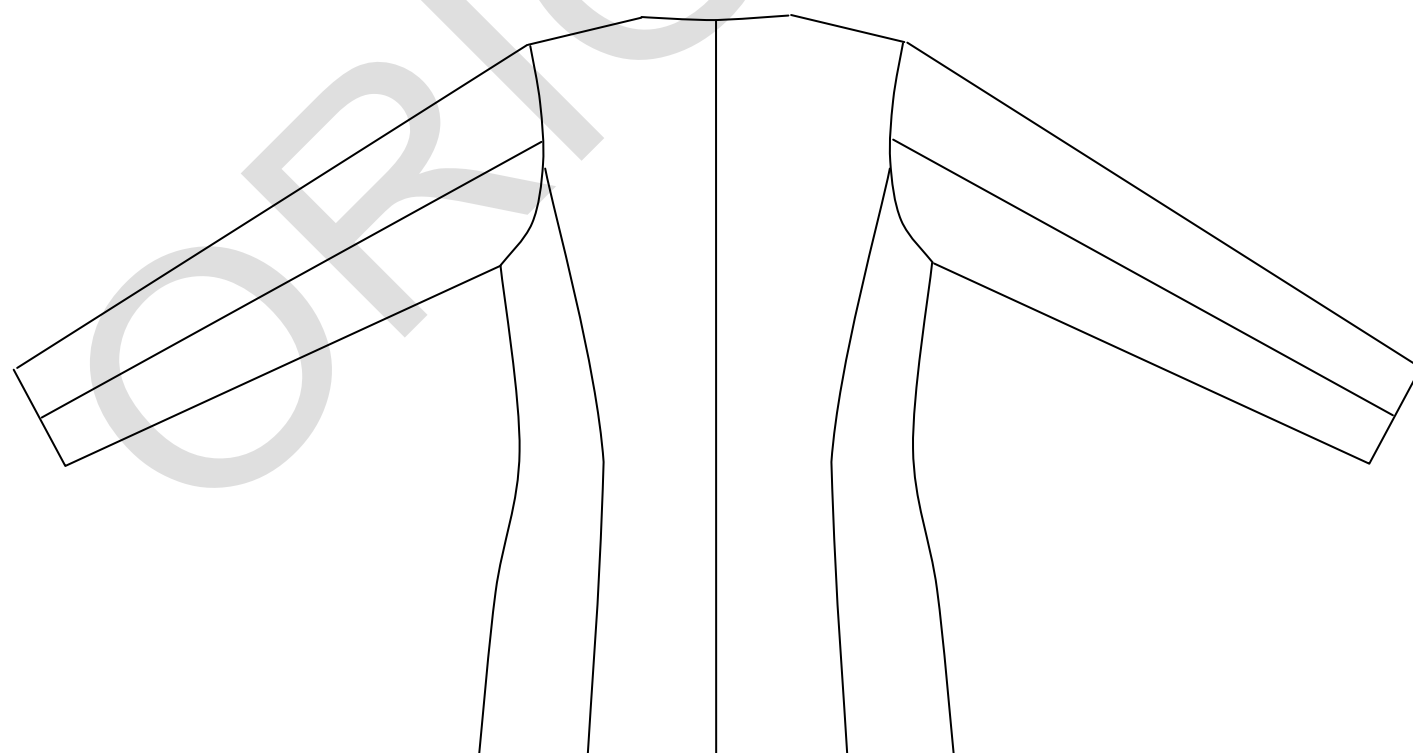


Figure 2 – Back

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## 5. Client Furnished Materials

No materials shall be supplied by the South African Airways.

## 6. Component Materials

The following materials shall be supplied and used by the manufacturer. Trim charts shall also be submitted by the manufacturer (see Annex A).

**NOTE:** All components listed below shall be manufactured in the Republic of South Africa. In instances where the raw material and/or finished components are not available in the Republic of South Africa, the onus shall be on the bidder to apply for exemption certificates from DTI. Exemption certificates, where relevant, shall be submitted together with each bid.

### 6.1 Outer material

- ♦ to comply with the requirements as given in table 2
- ♦ colour to be a match, in terms of SANS 10076-5, "The assessment of defects in textile piece-goods and made-up articles Part 5: Defects in woven woollen and worsted piece-goods", to one of the CKS 129 Colours as given in table 3
- ♦ to be treated with a fabric protector (water-repellent, oil-and-soil repellent, breathable, washable and dry-cleanable)
  - Ruco-guard®<sup>2</sup> is a typical example of a suitable product
  - manufacturer to submit a certificate of the relevant product used

Table 3 – CKS 129 Colours

End-use	CKS 129 Number of outer material	Title	Item Number
Ground staff	631c-2014	SAA Royal Blue (suiting)	CO26
Team leaders	633c-2014	SAA red (suiting)	CO81

### 6.2 Interlining

- ♦ an acceptable fusible woven or non-woven interlining (as relevant)
- ♦ to comply with the requirements of CKS 627 "Fusible interlinings"
- ♦ mass per unit area to be such that the interlining is suitable for the purpose for which it is used
- ♦ suitable for use in garments which may be dry-cleaned
- ♦ capable of withstanding the same washing and drying procedures as specified for the outer material

The selection of interlining of appropriate mass per unit area to be determined by consultation with the supplier of the interlining. The contractor will be held responsible for the performance of the interlining.

<sup>2</sup> Ruco-Guard® is the trade name of a product supplied by the Rudolf Group™. This information is given for the convenience of users of this private specification and does not constitute an endorsement by the South African Airways of the product named. Equivalent products may be used if they can be shown to lead to the same results.

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**Table 2 – Outer material requirements**

1	2	3
Property	Requirement	SANS number (unless otherwise indicated)
<b>Composition, %</b>		1833-1 and 1833-4
Polyester .....	55 ± 3	
New wool .....	43 ± 3	
Lycra® .....	2	
<b>Weave</b> .....	Plain	Visual examination and physical analysis
<b>Nominal width</b> , cm .....	153	82
<b>Mass per area</b> (free from non-fibrous material), g/m <sup>2</sup> , min. ...	190	79
<b>Number of threads per centimetre</b> , min.		7211-2
Warp .....	18	
Weft .....	18	
<b>Breaking strength</b> , N, min.		13934-1
Warp .....	750	
Weft .....	500	
<b>Seam strength</b> , N, min.		5726
Parallel to warp .....	100	
Parallel to weft .....	100	
<b>Resistance to pilling<sup>a</sup></b> , rating, min. ....	3,5 (slight to moderate)	6116
<b>Dimensional changes</b> , %, max.		
<b>Laundering</b>		960, Washing proc C Drying proc E
Warp and weft direction .....	2	
<b>Dry-cleaning</b>		ISO 3175-2
Warp and weft direction .....	2	
<b>Non-fibrous material content</b> , %, max. ....	3,5	5113
<b>Colour fastness to:</b>		
<b>Washing</b> , rating, min.		105-C10 Test B (2)
Change in colour .....	4	
Staining .....	4	
<b>Dry cleaning</b>		105-D01
Change in colour .....	4	
Staining .....	4	
<b>Perspiration: pH 5,5 and 8,0</b> , rating, min.		105-E04
Change in colour .....	4	
Staining .....	4	
<b>Rubbing</b> , rating, min.		105-X12
Dry .....	4	
Wet .....	4	
<b>Light</b> , rating, min. ....	5	105-B02

<sup>a</sup> Tested after washing in accordance with SANS 11108.

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## 6.3 Lining

### 6.3.1 General

- ♦ lining shall be treated with an anti-static finish
- ♦ colour to be an acceptable match to the outer material
- ♦ to comply with one of the types as given 6.3.2 and 6.3.3 (both types will be regarded as acceptable)

### 6.3.2 Type 1 lining

- ♦ to comply with the requirements for type L61P of SANS 1387-7 "Woven cotton and similar apparel fabrics – Part 7: Jacket linings"

### 6.3.3 Type 2 lining

- ♦ to comply with the same requirements as specified for Type 1, but with the following deviations:
  - weave: to be a mock-leno weave
  - air permeability: to have a minimum requirement of 130 cfm<sup>3</sup> at 12.5 mm (0.5 in) water pressure when tested in accordance with ASTM D737-96 "Standard Test method for air permeability of textile fabric"

## 6.4 Shoulder pads

- ♦ flexible polyester wadding shoulder pad (used for tailored garments)
- ♦ medium height
- ♦ resistant to dry-cleaning and steam pressing

## 6.5 Buttons

- ♦ two-hole plastics
- ♦ of nominal diameter 23 mm
- ♦ to comply with the requirements of SANS 1457 "Plastics buttons"
- ♦ dope-dyed
- ♦ fully impregnated
- ♦ colour to be an acceptable match to the colour of the outer material

## 6.6 Embroidery thread

- ♦ acceptable 100% Viscose machine embroidery thread
- ♦ colour to be an acceptable match to the colour of the relevant outer material

## 6.7 Threads

- ♦ to comply with relevant requirements of SANS 1362 "Sewing threads"
- ♦ colour to be an acceptable match to the colour of the outer material

### **Sewing thread:**

- ♦ polyester-and-cotton core-spun **OR** staple polyester, ticket No 80

<sup>3</sup> cfm = cubic feet of air per minute per square foot of fabric (ft<sup>3</sup>/min/ft<sup>2</sup>)

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## 7. Workmanship

### The jackets shall be:

- ♦ cut and made with first-class workmanship throughout
- ♦ of uniform and acceptable make, colour and finish

### Shall be free from:

- ♦ defects, that affect their appearance or may affect their serviceability (or both)
- ♦ marks and spots
- ♦ stains, incurred in the making-up

### Seams and stitches shall be:

- ♦ smooth and uniform
- ♦ free from twists, pleats and puckers
- ♦ sufficiently extensible to avoid seam cracking and undue shrinkage in use

### Ends of sewing shall be:

- ♦ trimmed and loose threads removed
- ♦ back-tacked if unsecured (at least 15 mm)

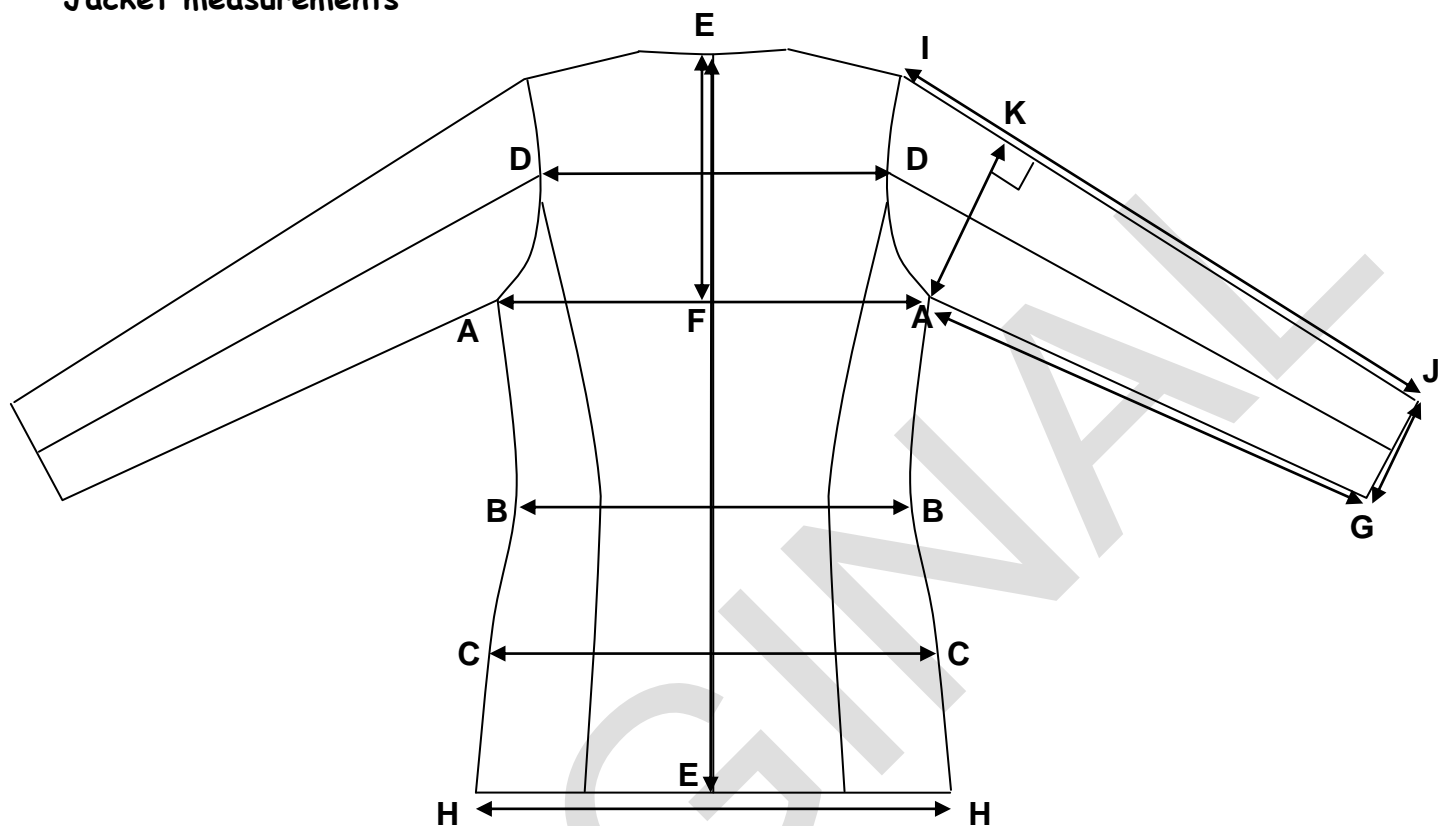
### Points not defined in the specification that requires assessing at inspection:

- ♦ Place the jackets on a dummy and check the following points:
  - Is the front and back balance correct?
  - Is the appearance neat and clean?
  - Does the jacket fit neatly around the neck?

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## 8. Sizes and dimensions

### Jacket measurements



MEASURING POINT		DESCRIPTION
<b>A – A</b>	Bust circumference	Measure across the width of the garment at the base of the scye, with the front button fastened and multiply by two.
<b>B – B</b>	Waist circumference	Measure across the width of the garment, at the waist level, 40 cm below the centre back neck point on SIZE 34 and multiply by two. This distance will increase, decrease appropriately on smaller and larger sizes.
<b>C – C</b>	Hip circumference	Measure across the width of the garment, 60 cm below the centre back neck point on SIZE 34 and multiply by two. This distance will increase, decrease appropriately on smaller and larger sizes.
<b>H – H</b>	Bottom hem circumference	Measure across the width of the garment, along the bottom hem, and multiply by two.
<b>D – D</b>	Back width	Measure across the width of the back, at the midpoint of the scye, from the one sleeve seam to the other.
<b>E – E</b>	Back length	Measure from the centre back neck point to the bottom edge of the garment.
<b>E – F</b>	Depth of scye	Measure from the centre back neck point to the level of the base of the scye.
<b>A – G</b>	Underarm sleeve length	Measure along the underarm, from the base of the scye, to the outer edge of the cuff.
<b>I – J</b>	Top sleeve length	Measure from the crown of the sleeve to the outer edge of the cuff.
<b>J – G</b>	Cuff circumference	Measure along the outer edge of the cuff and multiply by two.
<b>A – K</b>	Bicep circumference	Measure at the base of the scye in a straight line, perpendicular to the overarm and multiply by two.

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**Table 4 – Size range**

1	2	3	4	5	6	7	8	9	10	11	12
Size design- nation <sup>1</sup>	Nominal finished garment measurements, cm										
	Circumference				Bicep at underarm	Back length	Back width	Sleeve length		Depth of scye	Bottom hem circumference
	Bust	Waist	Hips	Cuff				Underarm	Top sleeve		
28	88	74	98	25	33.4	69.7	35.1	45	61.8	22.7	107
30	90.5	76.5	100.5	25.3	34.4	70.3	35.8	45	62.2	23.3	109.5
32	93	79	103	25.6	35.4	70.9	36.5	45	62.6	23.9	112
34	98	84	108	26	37	71.5	37.5	45	63	24.5	117
36	103	89	113	26.4	38.6	72.1	38.5	45	63.4	25.1	122
38	108	94	118	26.8	40.2	72.7	39.5	45	63.8	25.7	127
40	113	99	123	27.2	41.8	73.3	40.5	45	64.2	26.3	132
42	118	104	128	27.6	43.4	73.9	41.5	45	64.6	26.9	137
44	123	110	134	28	45	74.5	42.5	45	65	27.5	143
46	128	116	140	28.4	46.6	75.1	43.5	45	65.4	28.1	149
48	133	122	146	28.8	48.2	75.7	44.5	45	65.8	28.7	155
50	138	128	152	29.2	49.8	76.3	45.5	45	66.2	29.3	161
52	143	134	158	29.6	51.4	76.9	46.5	45	66.6	29.9	167
1) Based on the bust circumference in inches of the intended wearer.											

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## 9. Make

Illustrations are not to scale and are for guidance only, and unless inconsistent with the text, all measurements are nominal.

### 9.1 Foreparts

#### 9.1.1 General

- ◆ to be single breasted
- ◆ each have two panels
  - front panel (see 9.1.2)
  - side panel (see 9.1.3)
  - the panel seam joining the two panels shall extend from the armhole, over the bust prominence to the bottom hem
- ◆ square front corners
- ◆ be lined with fusible interlining along the front edges and bottom hem
- ◆ be fitted with shoulder pads
- ◆ be fully lined

#### 9.1.2 Front panel

- ◆ be fully interlined with fusible interlining
- ◆ shaped front edge
- ◆ have facings
- ◆ have one button on the left front panel edge
- ◆ have one buttonhole on the right front panel edge
- ◆ round neck with cut-away front edge, leaving a gap of 50 mm at the top (see figure 4)
- ◆ cut-away at the bottom front edge, leaving a gap of approximately 8 mm

#### 9.1.3 Side panel

- ◆ to be shaped
- ◆ incorporate a welted side pocket
- ◆ to consist of three separate sections (see figure 4)
  - top section that shall extend from the armhole to a point as given in 9.7, as the bottom part shall be concealed by the pocket welt and lower section and form the pocket bag of the welted pocket (see figure 7)
  - pocket welt
  - lower section

### 9.2 Facings

#### 9.2.1 General

- ◆ of outer material
- ◆ interlined with interlining
- ◆ separate (sewn-on)
- ◆ have a stay-stitch along the neck-to-facing seam (not visible on the outside), that shall extend from approximately 30 mm forward of the left shoulder seam, around the neck, to approximately 30 mm forward of the right shoulder seam

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### 9.2.2 Front facings

- ♦ of finished width 50 mm at the shoulder seam and shaped to 80 mm at the hemline
- ♦ such that it shall have a stay-stitch along the front inside (not showing on outside)

### 9.2.3 Back facings

- ♦ of finished width 50 mm at the shoulder seam and shaped to 14 cm at the back
- ♦ shaped and rounded at the bottom

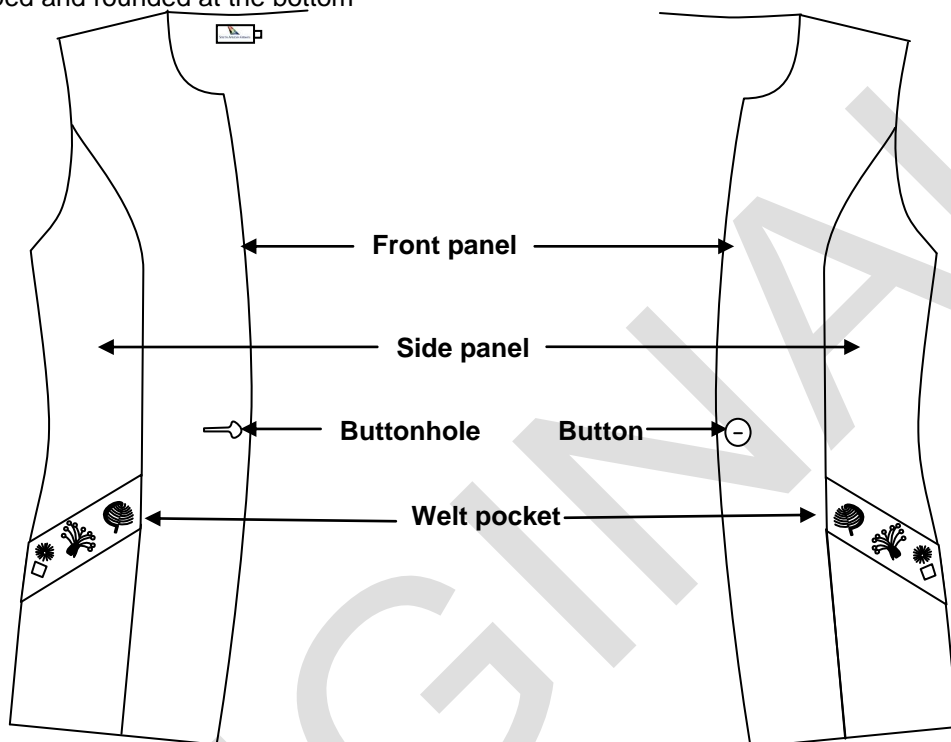


Figure 3 – Design detail on foreparts

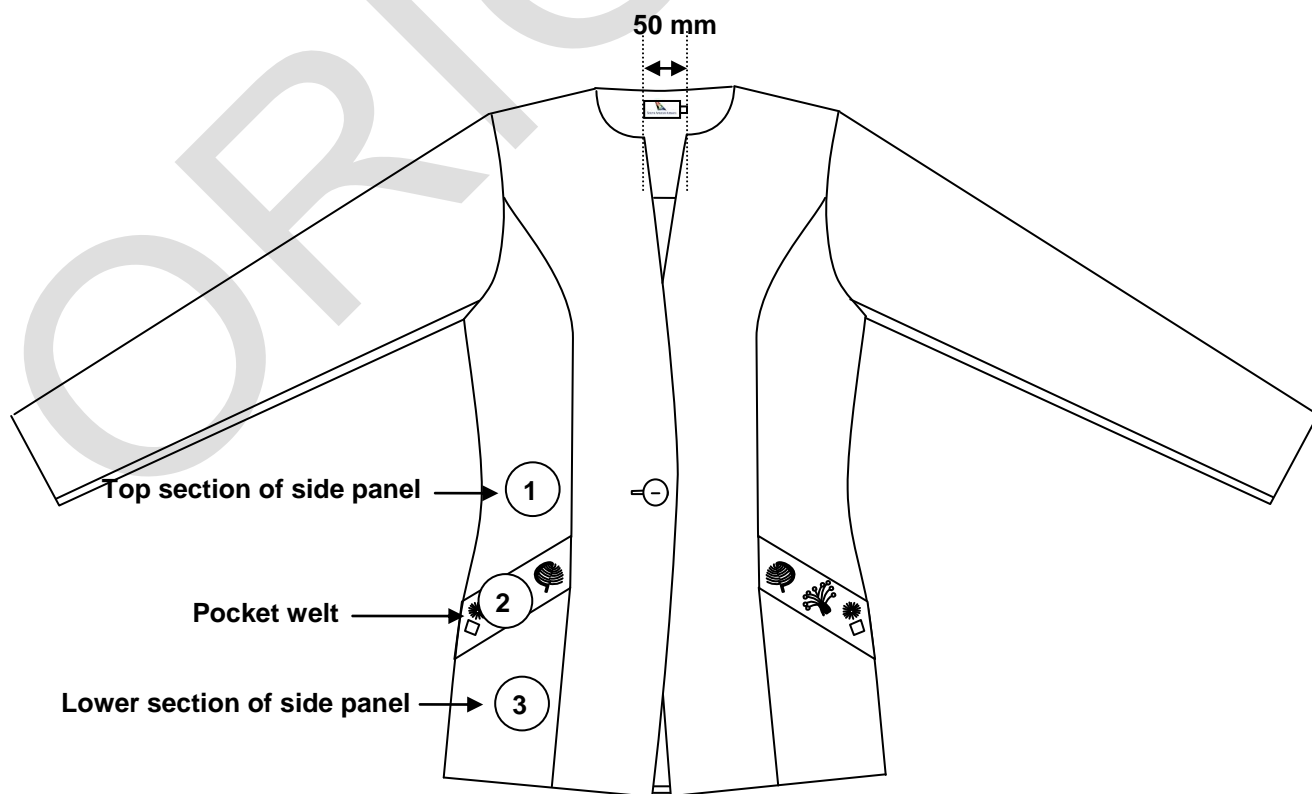


Figure 4 – Side panel sections

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## 9.3 Back

- ♦ to consist of four panels
  - two back panels, joined by a centre back seam
  - two shaped side panels that shall extend from the armhole to the bottom hem
- ♦ be fully lined with lining

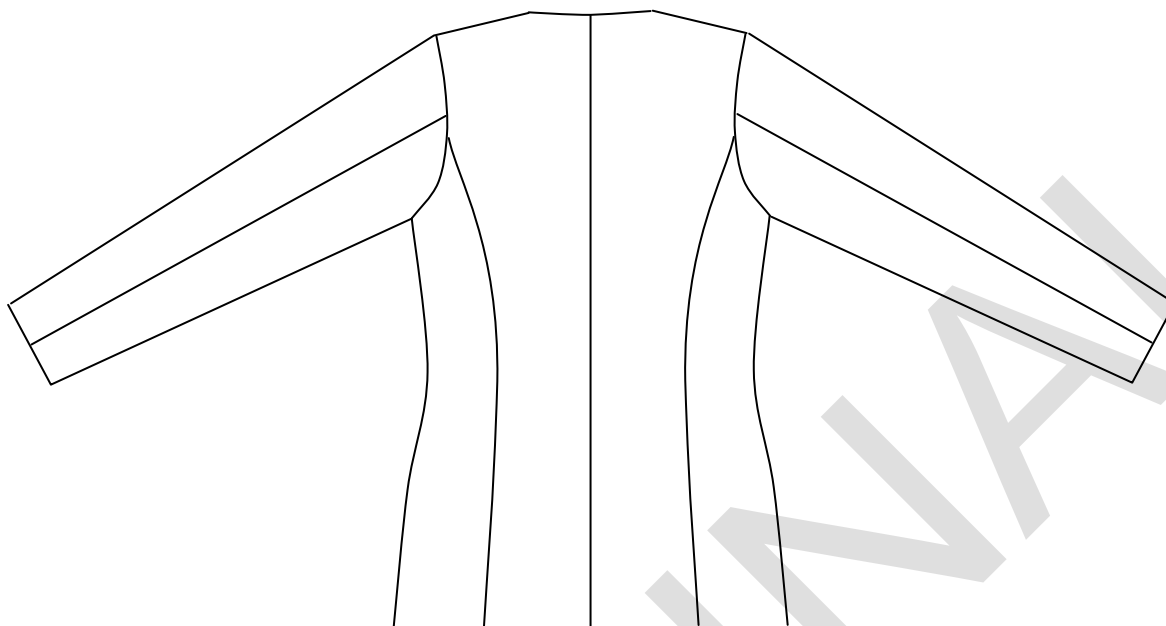


Figure 5 – Back

## 9.4 Lining

- ♦ correspond to the shape of the jacket
- ♦ be sewn to the bottom and sleeve hem, back neck and front facing
- ♦ have a 20 mm knife pleat at the centre back neck, extending from below the back facing and tapering to the waist
- ♦ have a 15 mm knife pleat at bust level in the front facing-to-lining seam
- ♦ have a 20 mm pleat along the bottom hem
- ♦ have a pleat along the cuff hem

### Facing-to-lining seam:

- ♦ to be smooth and without undue fullness

## 9.5 Sleeves

- ♦ be long, two-piece
- ♦ be set-in type and fitted with a shoulder pad
- ♦ be stayed at the base of the scye
- ♦ be fully lined
- ♦ to have plain cuffs that are interlined with interlining
  - cuff to have a hem of finished depth 40 mm

## 9.6 Buttonhole and button

### Right forepart shall:

- ♦ be fitted with a single buttonhole at the front edge at the natural waist position

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- jacket type buttonhole
- neatly made, gimped and barred
- length to be such to acceptably accommodate a button of nominal diameter 23 mm
- horizontal
- positioned with the eye of the buttonhole 15 mm from the front edge

**Left forepart shall:**

- ♦ be fitted with a single button
  - in corresponding position to the buttonhole on the right forepart
  - properly secured

**Spare buttons:**

- ♦ one button shall be placed in a plastics envelope and attached to the swing ticket

## 9.7 Pockets

- ♦ each jacket shall have two welted pockets
- ♦ pocket mouth to be slanted
- ♦ extend from the side seam at a 30° angle upwards to the side-to-front panel joining seam (see figure 7)
- ♦ be positioned with the top edge of the welt 29 cm below the base of the scye, when measured along the side seam (see figure 7)
- ♦ be such that the welt is of double folded outer material
  - interlined with interlining
  - top edge of the welt where the outer material and lining are joined shall be stay-stitched
  - of finished width 45 mm
  - each be embroidered with three registered SAA emblems
    - positioned centrally in the depth of the welt and each emblem to be spaced 20 mm apart
    - emblems and design to strictly comply with the samples held by the SAA (see figure 6 for guidance)
    - emblems to be mirror images on the two pocket welts
- ♦ pocket mouth ends to be bar-tacked on the inside
- ♦ have a pocket mouth opening (length along top edge of welt) of finished length 15 cm on size 34 and graded on smaller and larger sizes

**Pocket bag:**

- ♦ to be constructed from two layers of fabric
  - lower layer (closer to body of wearer) shall be a continuation of the outer material side panel
  - upper layer shall be of lining
- ♦ of minimum finished depth:
  - 14 cm, measured along the side seam from the top edge of the welt
  - 21 cm, measured along the front-panel-to-side panel seam
  - these two dimensions are given for guidance (bottom of the pocket shall be straight)

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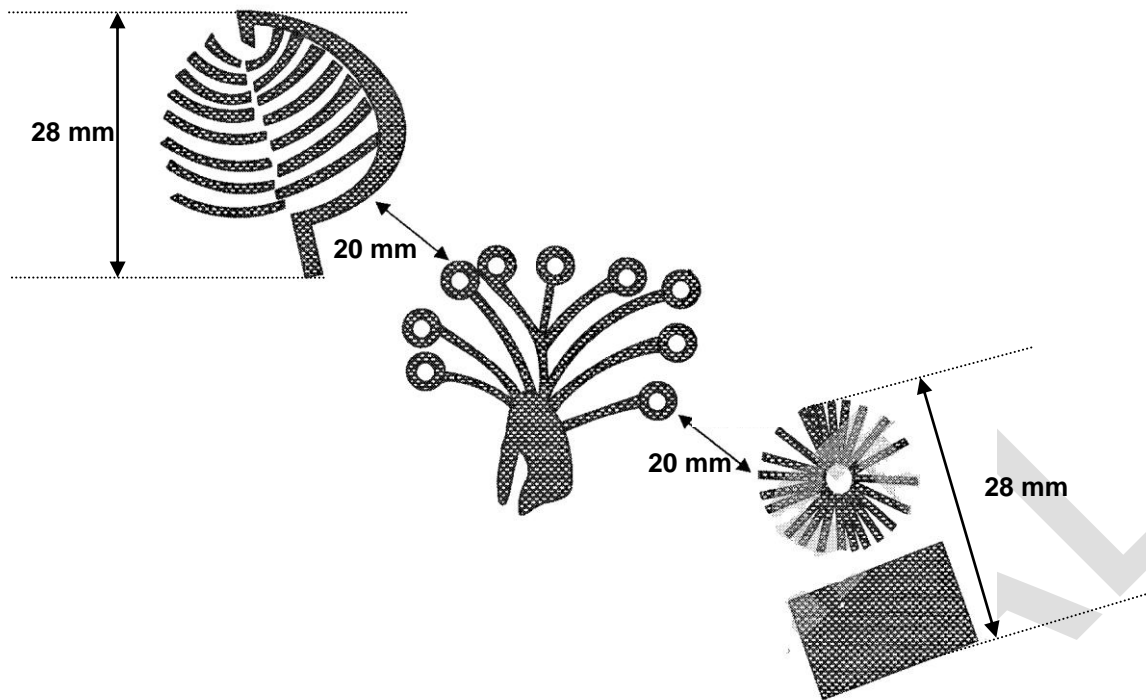


Figure 6 – Embroidered emblems on pocket welts, sequence as per left pocket (given for guidance)

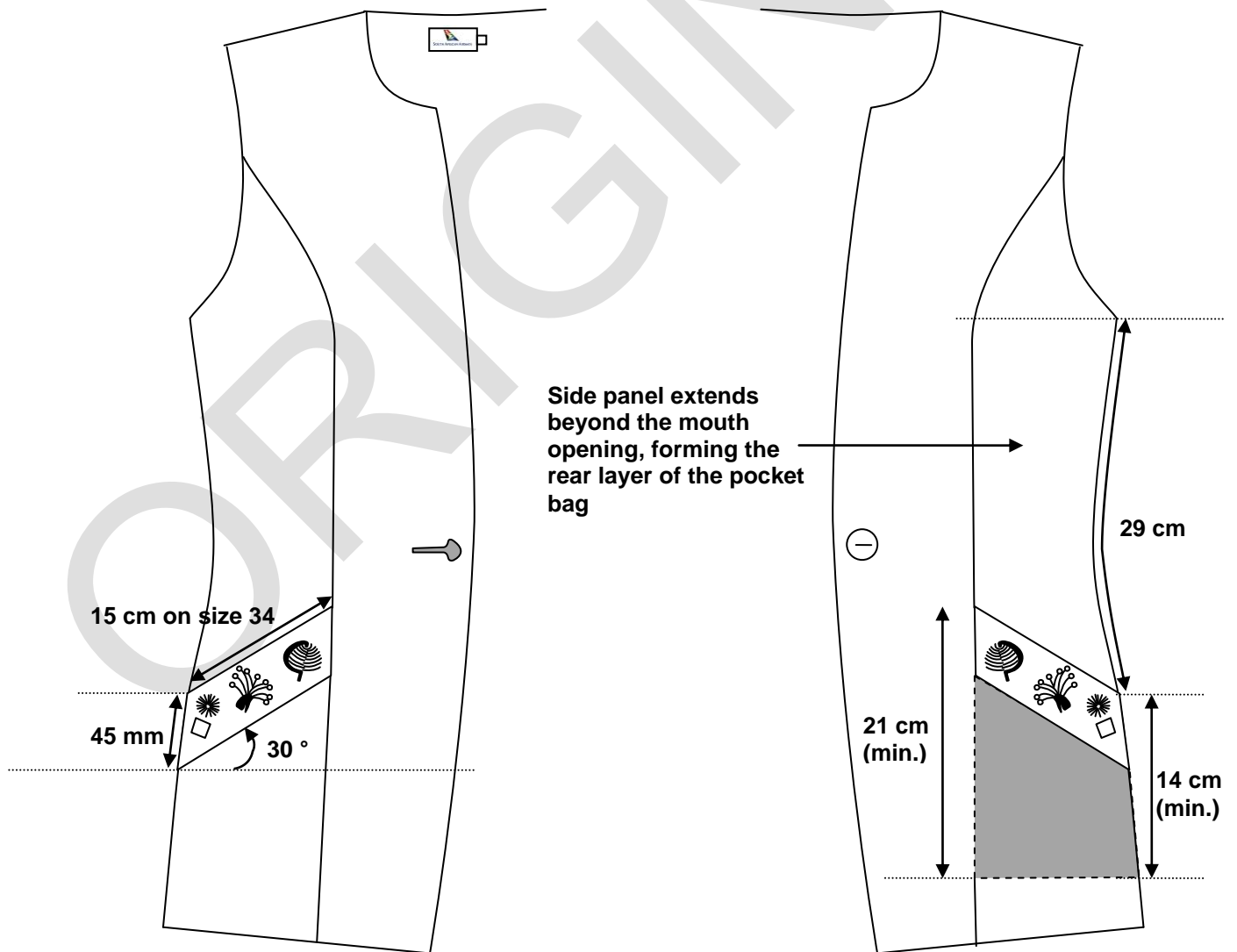


Figure 7 – Pockets

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## 9.8 Bottom hems

- ♦ of finished width 40 mm
- ♦ interlined with interlining
- ♦ turned in and sewn to the lining

# 10. Stitches, Seams and Stitchings

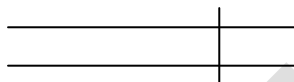
## 10.1 Stitches

**main seaming:** single needle lock stitch

## 10.2 Seams

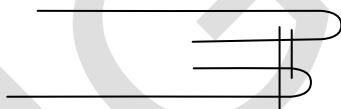
**Seams to be at least 10 mm wide (unless otherwise stated):**

**Body and sleeve seams:** seam type SSa



Superimpose two or more plies of material and seam with one row of stitches positioned at the specific distance(s) from the aligned edges.

**Front edge, back neck facing and top edge of pocket welt:** seam type SSae-2



Form seam Type SSa-1, using two plies of material. Then turn back each ply at the seam, stay-stitch the one layer, ensuring that when more than one row of stitches is used, one row passes through the folded edges.

## 10.3 Number of stitches

**The determination of sewing stitches per unit length will be done in accordance with SANS 5278 "Sewing stitches per unit length"**

**Seaming:**  $40 \pm 4$  per 10 cm

**Buttonholes:**  $12 \pm 1$  per 1 cm

**Button:** 10 - 12 per button

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# 11. Garment labels

**NOTE:** Tender samples shall be fitted with a printed label displaying the manufacturer's name or trade mark and size.

## 11.1 Label identification

Each garment shall be fitted with the labels as given in table 5:

Table 5 – Label identification

Type		Requirements
1.	a woven logo jacquard label	See 11.2
2.	a woven jacquard size label	See 11.3
3.	a garment specific printed woven fabric label*	See 11.4
4.	a care-label*	See 11.5
5.	a paperboard swing tag	See 11.6

\*These two labels may be separate labels or a single loop label.

## 11.2 Jacquard logo label

Each label shall:

- ♦ be a woven jacquard label
- ♦ edges to be properly finished to prevent fraying
- ♦ information to be in legible and indelible block letters of height at least 3 mm
- ♦ permanently secured and sewn to the back neck facing at centre back
- ♦ be such that it shall outlast the garment
- ♦ include the following information:
  - the manufacturer's name or trade mark or both
  - the registered full-colour SAA logo at top of label (see figure below)



## 11.3 Jacquard size label

Each label shall:

- ♦ be a woven jacquard loop label
- ♦ edges to be properly finished to prevent fraying
- ♦ information to be in legible and indelible block letters of height at least 3 mm
- ♦ sewn together with the side edge of the jacquard logo label
- ♦ be such that it shall outlast the garment

## 11.4 Printed garment labels

Each label shall:

- ♦ be white woven rayon label that is printed

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- ◆ comply with SANS 1309 " Printed labels for textiles"
  - information to be in legible and indelible block letters of height at least 3 mm
- ◆ permanently secured and sewn to the back facing
- ◆ be such that they outlast the garments (including the markings)
- ◆ include the following information:
  - the item number
  - order number
  - the year and month of manufacture
  - the VAT no of the contractor
  - the country of origin, i.e. "Made in the RSA"

## 11.5 Printed care-labelling

Each label shall:

- ◆ be white woven rayon label that is printed
- ◆ comply with SANS 1309 " Printed labels for textiles"
  - information to be in legible and indelible block letters of height at least 3 mm
- ◆ permanently secured to the side seam
- ◆ be such that they outlast the garments (including the markings)
- ◆ to provide appropriate care instructions (in accordance with SANS 10011 "Care-labelling of textile piece-goods, textile articles and clothing") in words and symbols
- ◆ provide the fibre composition of the fabric in accordance with the requirements of SANS 10235 "Fibre content labelling of textiles and textile products"

## 11.6 Printed swing tags

Each swing tag shall:

- ◆ be a white cardboard printed label
- ◆ information to be in legible and indelible block letters of height at least 3 mm
- ◆ include the following information:
  - the size designation
  - the item number
  - the item description
  - the month and year of manufacture
  - the order number

# 12. Packaging and marking of packaging

## 12.1 Packing

### 12.1.1 The jackets shall be:

- ◆ delivered in a pressed and commercially dry condition
- ◆ so packed that they will not be damaged in transit or in storage
- ◆ individually placed on a hanger and packed in a plastics envelope of suitable size and shape
- ◆ unless otherwise specified in the order or contract, acceptably packed for transportation in bulk containers

### 12.1.2 Jackets:

- ◆ of the same size designation and colour to be packed together in a bulk container (unless quantities ordered are such that packing together of the same size and colour only are not justified)
- ◆ of different size designations may also be packed together to accommodate the last part of an order or contract

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## 12.2 Marking

### 12.2.1 Plastics envelopes

Each envelope to be clearly marked with the following information:

- ♦ the item number
- ♦ the item description
- ♦ size designation
- ♦ the order number
- ♦ month and year of manufacture

### 12.2.2 Bulk containers

Each bulk container shall have a label securely attached to the outside. This label shall be visible when the containers are stacked and shall provide the information in legible and indelible markings as follows:

- ♦ the manufacturer's name or trade mark or both
- ♦ the order number or contract number
- ♦ the item description
- ♦ the item number
- ♦ the size designation
- ♦ the quantity of the item
- ♦ the **month and year** of manufacture
- ♦ the order number
- ♦ the colour
- ♦ the box number, e.g. "1 of 5"
- ♦ the total mass of the packed container
- ♦ the Inspection Certificate Number

## 12.3 Additional marking

When so required by the South African Airways, jackets, plastics envelopes or containers (or any combination of these) to bear information additional to that specified above.

# 13. Normative References

The following documents contain provisions which, through reference in this text, constitute provisions of this specification. All documents are subject to revision and, since any reference to a document is deemed to be a reference to the latest edition of that document, parties to agreements based on this specification are encouraged to take steps to ensure the use of the most recent editions of the documents indicated below. Information on currently valid national, international and CKS documents may be obtained from the South African Bureau of Standards \*.

**ASTM D737-96**, *Standard Test method for air permeability of textile fabrics.*

**CKS 627**, *Fusible interlinings.*

**ISO 3175-2**, *Textiles - Professional care, drycleaning and wetcleaning of fabrics and garments -- Part 2: Procedure for testing performance when cleaning and finishing using tetrachloroethene.*

**SANS 79**, *Textiles – Mass per unit area of conditioned fabrics.*

**SANS 82**, *Width of a textile fabric in a piece or roll.*

**SANS 105-B02/ISO 105-B02**, *Textiles – Tests for colour fastness – Part B02: Colour fastness to artificial light: Xenon arc fading lamp.*

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\* **South African Bureau of Standards: Tel. +27 (0) 12 4287911**

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**SANS 105-C10/ISO 105-C10**, *Textiles - Tests for colour fastness Part C10: Colour fastness to washing with soap or soap and soda.*

**SANS 105-D01**, *Textiles - Tests for colour fastness Part D01: Colour fastness to dry cleaning.*

**SANS 105-E04/ISO 105-E04**, *Textiles – Tests for colour fastness – Part E04: Colour fastness to perspiration.*

**SANS 105-X12**, *Textiles - Tests for colour fastness Part X12: Colour fastness to rubbing.*

**SANS 960**, *Textiles - Dimensional stability during washing and drying procedures.*

**SANS 1309**, *Printed labels for textiles.*

**SANS 1362**, *Sewing threads.*

**SANS 1387-7**, *Woven cotton and similar apparel fabrics – Part 7: Jacket linings.*

**SANS 1387-10**, *Woven cotton and similar apparel fabrics – Part 10: Pocketing.*

**SANS 1457**, *Plastics buttons.*

**SANS 1833-1**, *Textiles - Quantitative chemical analysis Part 1: General principles of testing.*

**SANS 1833-4**, *Textiles - Quantitative chemical analysis Part 4: Mixtures of certain protein and certain other fibres (method using hypochlorite).*

**SANS 5113**, *Non-fibrous material content of wool.*

**SANS 5726**, *Seaming properties of woven textile fabrics.*

**SANS 6116**, *Resistance of textile fabrics to pilling and fuzzing (Random tumble method).*

**SANS 7211-2**, *Textiles - Woven fabrics - Construction - Methods of analysis Part 2: Determination of number of threads per unit length.*

**SANS 10011**, *Care-labelling of textile piece-goods, textile articles and clothing.*

**SANS 10076-5**, *The assessment of defects in textile piece-goods and made-up articles Part 5: Defects in woven woollen and worsted piece-goods.*

**SANS 10235**, *Fibre-content labelling of textiles and textile products.*

**SANS 10371**, *Terms and definitions for clothing.*

**SANS 11108**, *Washing pretreatment of textile fabrics.*

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

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# ANNEX A

(Normative)

## Special conditions of tender

### A-1 GENERAL

**A-1.1** Unless otherwise stated, the South African Bureau of Standards shall be the inspecting authority.

***Any applications for deviations from drawings or the specification, or any laid down process, treatment or procedures as set out in this specification, must be made to the SA Airways and verified by the SABS<sup>4</sup>. All applications must be submitted in writing.***

**A-1.2** Three pre-production sample jackets of each colour in different size designations, shall have been inspected, tested and approved by the inspecting authority before bulk production is commenced. Each one of these samples shall be accompanied by a trim chart containing a sample of each component material (as given in 6) and the relevant certificates. It shall be the duty of the manufacturer to give adequate notice to the inspecting authority of the availability of these samples.

**A-1.3** The jackets shall be subject to inspection during the course of manufacture. The inspector shall, during normal working hours, be given all reasonable facilities for carrying out his duties and shall have the right of entry into the contractor's factory and the factory or works of any subcontractor where work on jackets supplied to this specification may be in progress

**A-1.4** The contractor shall inspect the finished jackets for compliance with the specification before submitting them to the inspecting authority for final inspection.

**A-1.5** Before acceptance, the jackets shall have been inspected and tested by the inspecting authority and found to comply with the requirements of the specification.

### A-2 DOCUMENTATION

One container of each consignment shall be marked "DOCUMENTS" and in addition to the jackets, shall contain the following:

- a) The packaging slip or delivery note;
- b) where applicable the inspection certificate(s);
- c) a copy of the invoice containing the following information:
  - the order number
  - the financial authority number
  - a full description of the consignment, i.e. Item Number, quantity, etc

<sup>4</sup> SABS Inspection Authority: (Tel) 012 4287371.

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**ANNEX B**  
**(Normative)**  
**CKS 129 Colours**

Due to the fact that colours can change over a period of time, any colour standard which has been registered for a period of SEVEN YEARS or more shall be considered obsolete. These standards shall then be allocated an archived status (as opposed to current status) and re-registration shall be required.

**A. The following scenarios require a submission of three metres of fabric from the successful tenderer:**

1. A colour standard is archived.
2. First time registration is required (CKS 129 colour number does not exist).
3. Colour swatch stock at the SABS is no longer available.

**B. Requirements for the submission of fabric as identified in A:**

1. The colour shall be as agreed upon between the South African Airways and the successful bidder.
2. The fabric shall be used to make new colour swatches which shall be the responsibility of the SABS.
3. The cost of the three metres of fabric shall be incorporated in the relevant bid submission.

HISTORY SHEET				
VERSION	DATE	AMENDMENTS/HISTORY	CHECKED	
			NAME	INIT.
001	March 2010	First release		
02.0	March 2014	Align spec with new sample Change outer material New size chart Change reference to pockets Add two lining options		

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