PRIVATE SPECIFICATION

Prepared for the

SOUTH AFRICAN AIR FORCE

SAFETY SHOES
(Unisex)

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SALM 625
Version 03.0/July 2022

1. Scope

This specification covers the performance requirements of safety shoes for personnel of the South African Air Force.

2. Definitions and Abbreviations

For the purpose of this specification the following definitions shall apply:

Acceptable:	Acceptable to the South African Air Force
Defective:	Shoes judged to have a major fault that is likely to cause a shoe/s to fail in wear, or a pair of shoe/s that is unsightly to the extent that it is unsuitable for issue/wear
Nominal:	Subject to the tolerances normal to good manufacturing practice
SANS:	South African National Standard
VC:	Compulsory Standard

3. Style

Examples of suitable styles are given in figures 1 to 5, but the style shall not be limited to it. Examples are given for guidance and for the convenience of the users of this private specification only.

4. Performance and manufacturing requirements

To conform to the type of safety footwear approved under VC9002 by complying with the requirements prescribed in the latest edition of SANS 20345.

Colour to be an acceptable black colour.

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5. Illustrations

Illustrations of examples are not to scale and given for guidance only.

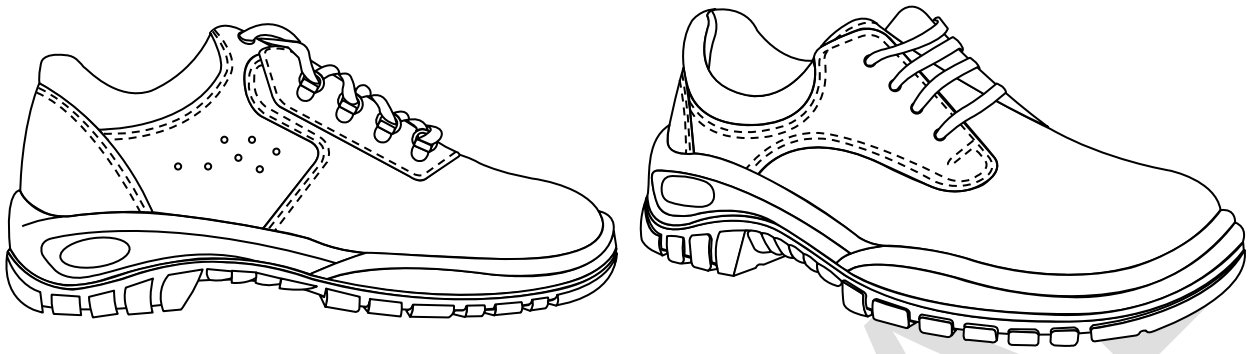

Figure 1: Outer view - Examples of acceptable styles, but not limited to it.

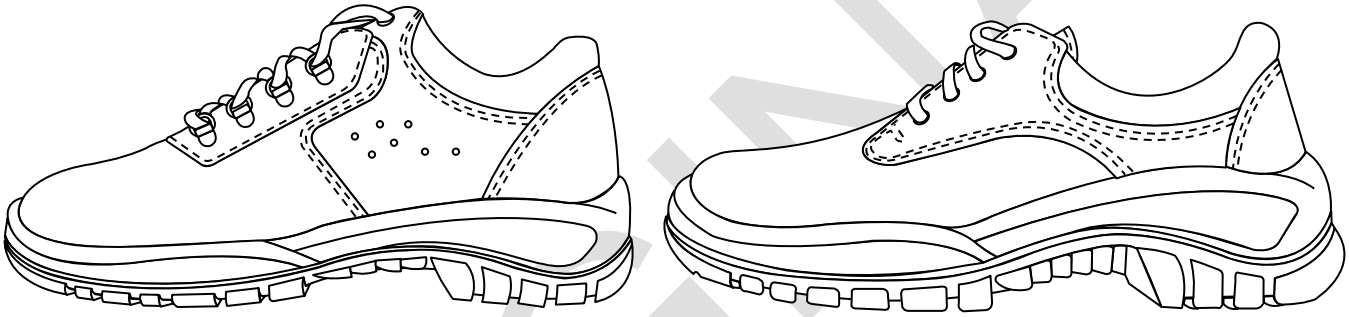

Figure 2: Inner view - Examples of acceptable styles, but not limited to it.

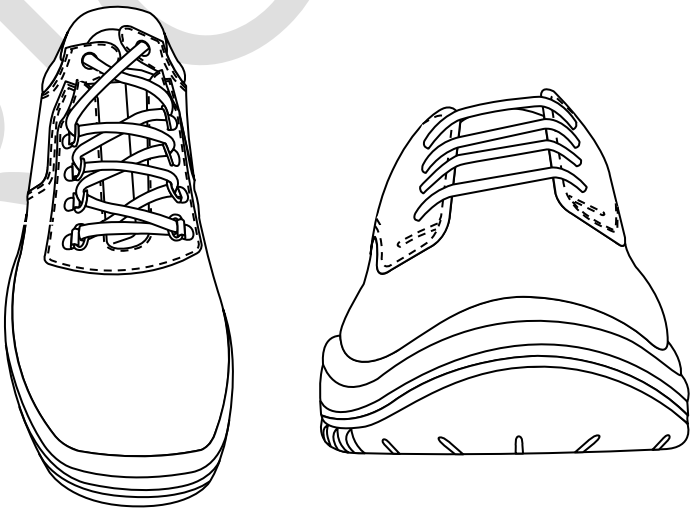

Figure 3: Front view - Examples of acceptable styles, but not limited to it.

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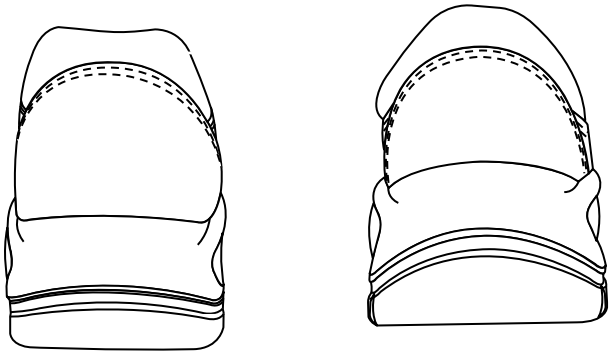

Figure 4: Rear view – Examples of acceptable styles, but not limited to it.

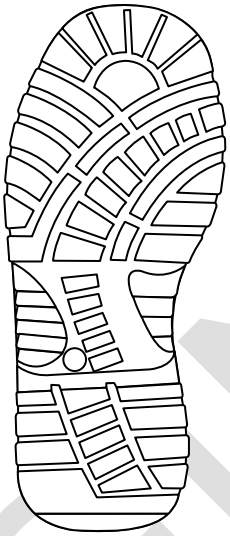

Figure 5: Example of typical tread pattern of outer sole, but not limited to it.

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6. Client Furnished Materials

No material will be supplied by the South African Air Force.

7. Workmanship

The safety shoes shall be:

- 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)
- injurious folds and wrinkles in the lining
- 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 and back-tacked if unsecured

8. Sizes and National Stock Numbers

The safety shoes shall:

- be supplied in the following metric sizes: 210 – 292 (sizes 2 – 12 UK)
- the National Stock Numbers for the different sizes are as follows:

NSN	SIZE
18-181-0851	2 (210)
18-181-0852	3 (220)
18-181-0854	4 (230)
18-023-1345	5 (235)
18-023-1346	6 (245)
18-023-1350	7 (255)
18-023-1347	8 (262)
18-023-1351	9 (270)
18-023-1342	10 (277)
18-023-1343	11 (285)
18-023-1354	12 (292)

9. Marking

- The following information shall be acceptably and permanently displayed on each shoe:
  - size designation
  - manufacturer's name or trade mark or both
  - year of manufacture
  - the words “SA Air Force ”

10. Care labelling

- A swing label with care and use instructions that shall contain the substance of the wording in (a) to (e) to be attached through the eyelet of one shoe of each pair of shoes:

(a) Be sure your shoes fit properly.
(b) Clean your shoes daily. Remove all dust and dirt using a brush.
Apply a thin layer of good shoe polish with a brush paying special attention around the seams.
Leave for a few minutes then brush well.
(c) Before leaving base in wet weather, clean shoes as in (b).
(d) When you return with wet shoes remove all mud and dirt by washing, brushing or rubbing and dry with a cloth.

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Apply a layer of good shoe polish to the upper leather, especially to the seams.
Place the shoes in a cool, dry, airy place until dry. Do not leave near heat as this will make the leather hard and brittle.
Brush well

(e) Do not use any form of heat on your shoes. Do not bone them or use a hot iron on them.

11. Packaging

- With the exception of the last consignment of an order, only footwear of the same size shall be packed together in an outer container.
- Unless otherwise specified in the order or contract, each pair of shoes shall be packed in individual box that will protect it from damage during normal transportation, handling and storage.
- The boxes shall be packed in a corrugated board outer container that complies with the requirements of SALM 108.

11.1 Shoe boxes

- shoe boxes shall be clearly marked on the short end of the shoe box as stated in (a) to (f)

a) The description;
b) The size of the shoe;
c) The manufacturer's name, trade name or trade mark;
d) The year of manufacture;
e) The relevant NSN number;
f) Any further information specified by the purchaser

11.2 Outer containers

- each outer container shall have a label securely attached to the short side
- the label shall be visible when the containers are stacked and shall provide the following information in capital letters of height 12 mm
- the label shall contain the following (a) to (g)

a) The manufacturer's name or trade mark or both;
b) The description;
c) The size of the shoes;
d) The National Stock Number (NSN);
e) The quantity;
f) The order number;
g) The year of manufacture;

12. Applicable Documents

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 and international documents may be obtained from Standards South Africa.

SALM 108, *Corrugated board boxes for clothing.*

SANS 20345, *Personal protective equipment – Safety footwear.*

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ANNEX A

(Normative)

Special conditions of tender

A-1 GENERAL

A-1.1 Unless otherwise stated, the South African Air Force or an appointed SANAS accredited inspection body shall be the inspecting authority.

A-1.2 Three pre-production sample pairs shall have been inspected tested and approved by the inspecting authority before bulk production is commenced. Pre-production samples shall be accompanied by a valid test report for each component material (as given in 6). 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 shoes 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 shoes supplied to this specification may be in progress

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

A-1.5 Before acceptance, the shoes 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 shoes, 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. National stock number, quantity, etc

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For office use only	

HISTORY SHEET

DOC ISSUE	DATE	AMENDMENTS/HISTORY	CHECKED	
			NAME	INIT.
1	October 2007	First release		
Draft	April 2010			
2	July 2012	a) Updated format, illustrations and layout of specification b) Sizes changed to 217 - 300 Metric (sizes 2 and 13 UK) c) Complete re-write of specification		
02.1	July 2019	Refer to VC9002 Change size range NSNs those of SALM 624 and SALM 625 Refer to examples only (illustrations)		
03.0	July 2022	3rd release		

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