



South African Nursing Council
Regulating nursing, advocating for the public

Enquiries: SCM Official
tnyathi@sanc.co.za

Bidder's Information: The Manager/Director

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Dear Sir/Madam

INVITATION TO BID: SCM 11 /2022/SANC: APPOINTMENT OF A SERVICE PROVIDER FOR THE MANUFACTURE, SUPPLY AND DELIVERY OF METAL PRODUCTS (DISTINGUISHING DEVICES) FOR A PERIOD OF FIVE (5) YEARS AT SOUTH AFRICAN NURSING COUNCIL (SANC)

The South African Nursing Council is a regulatory body established in terms of the Nursing Act No. 33 of 2005 (the Nursing Act) to regulate the nursing profession and to provide for matters connected therewith.

The South African Nursing Council invites bidders to participate and submit bids/proposals for the appointment of a service provider for the manufacture, supply and delivery of metal products (distinguishing devices) for a period of five (5) years at South African Nursing Council (SANC)

You are requested to complete the tender documents and submit them in accordance with the stipulations mentioned hereunder.

1. The conditions contained in the attached annexures apply.
2. The bid must be submitted in two (2) separate envelopes with a name and address of the bidder, bid number, description of the bid and closing date.
3. **Envelope 01:** This envelope is for technical/administrative documents only- one (01) original document, three (03) copies and USB.
4. **Envelope 02:** This envelope is for pricing only, i.e. pricing schedule and/or the formal quote by the bidder - one (01) original.
5. **All couriered bid proposals must be addressed to the SANC Supply Chain Management Unit and they must be submitted before 12H00 on 18 March 2022 and will be valid for a period of 120 days after the closing date. No late submissions will be accepted.**



Cecilia Makiwane Building,
602 Pretorius Street, Arcadia, Pretoria 0083,
Private Bag X132, Pretoria 0001,
Republic of South Africa



Tel: 012 420 1000
Fax: 012 343 5400
SANC Fraud Hotline: 0800 20 12 16



website: www.sanc.co.za

Chairperson: Dr M Molepo, Vice Chairperson: Dr S Zuma, Registrar & CEO: Ms S Mchunu

6. The attached forms/annexures, if completed in detail and returned, will form part of your price quotation.
7. With reference to the Preference Point Claim form (SBD 6.1), the following documents must be submitted with your price quotation:
 - a) Proof of claims (B-BBEE Certificate issued by the accredited Verification Agency or Sworn Affidavit signed by the vendor and affirmed by the Commissioner of Oath)
 - b) Proof that the supplier is registered and complying with National Treasury - Central Supplier Database (CSD) requirements (CSD report).
8. Please take note that, this bid will be evaluated in terms of 80/20 Preference Point System
9. All communication should be made through the use of an email. The cut-off date for all enquiries will be at **12H00 on 16 March 2022**.

Yours faithfully

Chief Financial Officer

Mr Thamsanqa Ndadana

Signature: 

Date: 

INVITATION TO BID

YOU ARE HEREBY INVITED TO BID FOR REQUIREMENTS OF THE SOUTH AFRICAN NURSING COUNCIL (SANC)

Bid number:	SCM 11/2022/SANC	Closing date:	18 MARCH 2022	Closing time:	12H00
Description:	APPOINTMENT OF A SERVICE PROVIDER FOR THE MANUFACTURE, SUPPLY AND DELIVERY OF METAL PRODUCTS (DISTINGUISHING DEVICES) FOR A PERIOD OF FIVE (5) YEARS AT SOUTH AFRICAN NURSING COUNCIL (SANC)				

Bid response documents may be deposited in the bid box situated at (street address) **The South African Nursing Council, 602 Pretorius Street, Arcadia, Pretoria, 0083 (Reception)**

BIDDER INFORMATION

Name of bidder:			
Postal address:			
Telephone number:			
Cell phone number:			
E-mail address:			
VAT registration number:			
Tax clearance status PIN:			
B-BBEE status level <input type="checkbox"/> Yes	B-BBEE status level <input type="checkbox"/> Yes		
verification certificate [tick applicable box] <input type="checkbox"/> No	verification certificate [tick applicable box] <input type="checkbox"/> No		

[A B-BBEE STATUS LEVEL VERIFICATION CERTIFICATE/SWORN AFFIDAVIT (FOR EMERGENCIES) MUST BE SUBMITTED IN ORDER TO QUALIFY FOR PREFERENCE POINTS FOR B-BBEE]

The Accredited Representative in South Africa for the goods /services /works offered? <input type="checkbox"/> Yes <input type="checkbox"/> No [If yes enclose proof]	Are you a foreign based supplier for the goods /services /works offered? <input type="checkbox"/> Yes <input type="checkbox"/> No [if yes answer part 3 below]
Signature of Bidder	Date:
Capacity under which this bid is signed (attach proof of authority to sign this bid; e.g. resolution of directors, etc.)	

Total number of items offered	Total bid price (all inclusive)
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THE SOUTH AFRICAN NURSING COUNCIL:			
BIDDING PROCEDURE ENQUIRIES MAY BE DIRECTED TO:		TECHNICAL INFORMATION MAY BE DIRECTED TO:	
Contact person:	Tintswalo Nyathi/ Prince Makhubedu	Contact person	Benny Manganyi
Telephone number:	012 426 9575/9570	Telephone number	012 420 1081
E-mail address	tnyathi@sanc.co.za / pmakhubedu@sanc.co.za	E-mail address	bmanganyi@sanc.co.za

TERMS AND CONDITIONS FOR BIDDING

1. BID SUBMISSION:

- 1.1. Bids must be delivered by the stipulated time to the correct address. Late bids will not be accepted for consideration.
- 1.2. All bids must be submitted on the official forms provided– (not to be re-typed) or online
- 1.3. This bid is subject to the Preferential Procurement Policy Framework Act 2000 and the Preferential Procurement Regulations, 2017, and, if applicable, any other legislation or Special Requirement of the Contract.

2. TAX COMPLIANCE REQUIREMENTS

- 2.1 Bidders must ensure compliance with their tax obligations.
- 2.2 Application for Tax Compliance Status (TCS) PIN may be made via e-filing through the SARS website www.sars.gov.za.
- 2.3 In bids where consortia / joint ventures / sub-contractors are involved, each party must submit a separate TCS certificate / PIN / CSD number.
- 2.4 Where no TCS PIN is available but the bidder is registered on the Central Supplier Database (CSD), a CSD number must be provided.
- 2.5 No bids will be considered from persons in the service of the state, companies with directors who are persons in the service of the state, or close corporations with members persons in the service of the state."

3. QUESTIONNAIRE TO BIDDING FOREIGN SUPPLIERS:

- 3.1. Is the bidder a resident of the Republic of South Africa (RSA)? ☐ Yes ☐ No
- 3.2. Does the bidder have a branch in the RSA? ☐ Yes ☐ No
- 3.3. Does the bidder have a permanent establishment in the RSA? ☐ Yes ☐ No
- 3.4. Does the bidder have any source of income in the RSA? ☐ Yes ☐ No

If the answer is "no" to all of the above, then, it is not a requirement to obtain a Tax Compliance Status/Tax Compliance System PIN code from the South African Revenue Service (SARS) and if not register as per 2.3 above

SPECIAL REQUIREMENTS OF REQUEST FOR QUOTATIONS

1. CONTRACT PERIOD

- 1.1** The contract period stipulated in the terms of reference/ specification is considered a valid contract period.
- 1.2** SANC reserves the right to extend or cancel the contract, pending available funding and satisfaction with service delivery.

2. ACCEPTABLE BIDS/OFFERS

- 2.1** The SANC may request interviews/presentations/pitching sessions with shortlisted Suppliers/ service providers before the final selection is made.
- 2.2** The SANC will not be liable for any cost incurred by a supplier /service provider in the process of responding to this quotation, including on-site presentations and the preparation of the proposal.
- 2.3** The SANC will not consider any late quotations. All quotations submitted after the stipulated closing date and time will not be disqualified.
- 2.4** Any effort by the supplier/ service provider to influence bid evaluation members, bid comparisons or bid award decisions in any manner, will result in rejection of the bid concerned.
- 2.5** The successful supplier/ service provider will be informed in writing with an appointment letter or per an official order.
- 2.6** The quotations have a validity period of 120 days from date of closure of the request for quotation
- 2.7** Where it is discovered that an advantaged company used a disadvantaged person, as a "front" to acquire a bid, such company will be disqualified and the bid shall be withdrawn.
- 2.8** Only quotations complying with all requirements as stipulated in the Terms of Reference/Scope of Work or Specification will be regarded as acceptable.
- 2.9** Bids will be evaluated based on mandatory requirements, functionality (if applicable), Price and B-BBEE and other conditions stipulated in the terms of reference/ specification.
- 2.10** The supplier/ service provider must submit all requirements indicated in the quotation documents at the closing date and time of the request for quotation. Supplier/ service provider who fail to comply with any of the mandatory and other requirements will be disqualified.

3. SUBMISSION OF BIDS/ RETURNABLE DOCUMENTS

- 3.1** The supplier/ service provider will be required to submit their bids /proposals in a tender box situated at the Reception of the Cecilia Makiwane Building
- 3.1.1** Tenderers are required to submit a completed request for quotation pack (this documents), including:
 - a) Duly completed and signed bid documents.
 - b) Certified copy of B-BBEE Certificate or Sworn Affidavit.

- c) Adherence to requirements relating to all returnable documents will prove compliance with specific requirements as stipulated in the terms of reference at the closing date and time.
- 3.2 Any supplier/ service provider who fails to comply with any requirement of the BID, at the discretion of the evaluation team, will be regarded as non-compliant and as a result be rejected.

4. PAYMENTS

- 4.1 SANC undertakes to pay delivery validated invoices in full within thirty (30) days from the invoice date or upon agreed payment intervals as accepted in the contract. All invoices should be sent to the following email address: sancinvoices@sanc.co.za.
- 4.2 No invoices for outstanding deliverables or for any unproductive or duplicated time spent by the service provider will be validated for payment
- 4.3 Invoices should be emailed or hand delivered to SANC timeously.
- 4.4 The invoices should be original and must be accompanied by an inspection certificate and/or proof of delivery.

5. SUPPLY / DELIVERY VALIDATION

- 5.1 The certificate and the related report of delivery/installation/ progress milestone/commissioning will be validated by a SANC representative prior to payment of final invoices.

6. TAX COMPLIANCE REQUIREMENTS

- 6.1. It is a condition of this bid that the tax matters of the successful supplier/ service provider are in order, or that satisfactory arrangements have been made with South African Revenue Service (SARS) to meet the tax obligations.
- 6.2. The Tax Compliance status requirements are also applicable to potential foreign suppliers, service providers or individuals who wish to submit the bid.
- 6.3. It is a requirement that a supplier/ service provider grant a written confirmation when submitting this BIDresponse that SARS may on an on-going basis during the tenure of the contract disclose the tax compliance status and by submitting this bid such confirmation is deemed to have been granted.
- 6.4. The Suppliers/ service providers are required to be registered on the Central Supplier Database (CSD) and the SANC shall verify the tax compliance status through the CSD or through SARS.
- 6.5. Where Consortia / Joint Ventures / Sub-Contractors are involved, each party must be registered on the Central Supplier Database and their tax compliance status will be verified through the CSD or through SARS.
- 6.6. The supplier/ service provider who are not tax compliant will be notified of their non-compliant status, and be given seven (7) calendar days to rectify their tax compliance status with SARS, failure your bid will be disqualified.

6.7. The SANC will not award a bid to any supplier/ service provider whose tax matters are not in order.

7. VALUE ADDED TAX

7.1. All contract prices are inclusive of 15% Value Added Tax (VAT), except in the case of a person that is not required to register for Value Added Tax. Companies not registered in terms of Value Added Tax, may not claim VAT on invoices.

8. NEGOTIATIONS

8.1. The SANC to negotiate with one or more preferred supplier(s)/ service provider(s) identified in the evaluation process, regarding any terms and conditions, including price without offering the same opportunity to any other supplier(s)/ service provider(s) who have not been awarded the status of the preferred supplier(s)/ service provider(s).

9. PRICE QUALIFICATION

9.1. Prices for this contract are firm.

9.2. All prices shall be quoted in South African rands (ZAR).

9.3. The BID prices shall be given in the units shown and will be awarded as a whole, not per item.

9.4. **Prices must be inclusive of delivery cost and all taxes.**

9.5. Please note that the foreign exchange risk in case of imported goods and service is for the account of the supplier/ service provider.

9.6. Non-firm prices (including prices subject to the rate of exchange variation) will not be considered.

9.7. No changes or extensions or additional ad-hoc costs are accepted once the contract has been awarded and/or signed.

9.8. Detailed information is optional and is provided as Annexures to the details of the bid.

10. COMMUNICATION

10.1. Communication will only be restricted to Supply Chain Management Officials.

10.2. The South African Nursing Council may request clarification in writing regarding the information provided by bidders. Supplier(s)/ service provider(s) are to supply the required information within the specified period. Failing to do so will **invalidate** your bid.

11. INTELLECTUAL PROPERTY

11.1. All the information contained in this document is intended solely for the purpose of assisting supplier(s)/ service provider(s) to prepare their bid. Any use of the information contained herein for another purpose than those stated in this document is prohibited.

11.2. The ownership and intellectual property rights of all designs, specifications, programming code and all other documentation provided by the SANC to the supplier(s)/ service provider(s), both successful and unsuccessful, remain the property of the SANC.

12. SUPPLIER DUE DILIGENCE

- 12.1 SANC may conduct due diligence to all shortlisted supplier(s)/ service provider(s) to identify their specific capabilities and financial stability.
- 12.2. The SANC may visit the premises of the supplier(s)/ service provider(s) or that of their suppliers.
- 12.3. Some of the key elements that should be documented and included during the comprehensive supplier analysis/due diligence include: the current workload of the supplier, cost structure of the BID, the financial status of the supplier(s)/ service provider(s) the previous customer satisfaction levels, the support capabilities, their relative strength, weaknesses and core capabilities, how SANC fits into the supplier(s)/ service provider(s) business and how the supplier(s)/ service provider(s) is viewed by the public, etc
- 12.4. Supplier(s)/ service provider(s) may be required to provide names of traceable references who may also be visited to confirm their testimonials.

13. DISPUTES

- 13.1. The relevant bidder agrees that should any dispute arise from the contract, the matter shall be submitted to the relevant authority for a ruling and such ruling shall be final.

14. BROAD-BASED BLACK ECONOMIC EMPOWERMENT (B-BBEE)

- 14.1. A supplier/ service provider will only be awarded points for preference provided:
 - 14.1.1. The supplier/ service provider has completed and signed the Preference Points Claim Form;
 - 14.1.2. The supplier/ service provider submitted a valid B-BBEE status level certificate issued by a SANAS accredited B-BBEE agency; or
 - 14.1.3. Submitted an affidavit stating the B-BBEE status level in the case of an EME and QSE.

15. JOINT VENTURE/ TRUST/ CONSORTIUM

- 15.1. A trust, consortium or joint venture must submit an agreement to be recognised as an entity.
- 15.2. A trust, consortium or joint venture will qualify for points for their B-BBEE status level as a legal entity, provided that the entity submits their B-BBEE status level certificate.

TERMS OF REFERENCE

APPOINTMENT OF A SERVICE PROVIDER FOR THE MANUFACTURE, SUPPLY AND DELIVERY OF METAL PRODUCTS (DISTINGUISHING DEVICES) TO THE SOUTH AFRICAN NURSING COUNCIL FOR A PERIOD OF FIVE (05) YEARS

1. PURPOSE

- 1.1 The South African Nursing Council intends to appoint a service provider to manufacture, supply and deliver the metal products (distinguishing devices) to the South African Nursing Council for a period of three (03) years.

2. BACKGROUND

- 2.2 The South African Nursing Council is a statutory body established in terms of the Nursing Act, 2005 (Act No. 33 of 2005,) to set and maintain standards of nursing education and practice in the Republic of South Africa. Section 58(h) of the Nursing Act, provides that the Minister may, after consultation with the Council, make regulations relating to identification symbols (distinguishing devices). Such distinguishing devices are prescribed for categories of nurse practitioners who are registered in terms of Section 31(1) and 34 of the Act and they must be worn as outlined in the Regulations for Distinguishing Devices for various categories of nurse practitioners listed in the Act, as determined the Council. Any person who contravenes a provisions of the regulations shall be guilty of an offence.

3. SCOPE OF SERVICE

The manufacture, supply and delivery of metal products (distinguishing devices) comprises the following items:

3.1 Metal Bars of the following colours:

- Navy Blue
- Green
- White
- Yellow
- Silver

For detailed technical specifications, refer to **Annexure A**

3.2 Council Metal Badge (Shoulder)

For detailed technical specifications, refer to **Annexure B**

3.3 Metal Badge Enrolled Nurse (Oval)

For detailed technical specifications, refer to **Annexure C**

3.4 Metal Brooch-Nursing Auxiliary

For details technical specifications, refer to **Annexure D**

4. SPECIAL CONDITIONS OF THIS BID

- 4.1 Bidders will be required to provide samples during or after bid evaluation at their own cost. (see annexures A, B, C, D for sampling requirements)
- 4.2 To award this tender to a bidder that did not score the highest total number of points, only in accordance with section 2(1)(f) of the PPPFA (Act 5 of 2000)
- 4.3 The Bidder must comply to the requirements of the South African National Standards (SANS) and or other relevant standards as per the detailed specifications from Annexure A to D. Failure to adhere will result to a disqualification of the bid.
- 4.4 The South African Nursing Council reserves the right;
 - 4.4.1 To negotiate with one or more preferred bidder(s) identified in the evaluation process, regarding any terms and conditions, including price without offering the same opportunity to any other bidder(s) who has not been awarded the status of the preferred bidder(s).
 - 4.4.2 To accept part of a tender rather than the whole tender.
 - 4.4.3 To carry out site inspections, product evaluations or explanatory meetings in order to verify the nature and quality of the services offered by the bidder(s), whether before or after adjudication of the Bid.
 - 4.4.4 To correct any mistakes at any stage of the tender that may have been in the Bid documents or occurred at any stage of the tender process.
 - 4.4.5 To cancel and/or terminate the tender process at any stage, including after the Closing Date and/or after presentations have been made, and/or after tenders have been evaluated and/or after the preferred bidder(s) have been notified of their status as such.
 - 4.4.6 Award to multiple bidders based either on size or geographic considerations.
 - 4.4.7 Not to renew the contract in the event of dissatisfactory performance as per the signed service level agreement.
 - 4.4.8 The SANC is in the process of reviewing the distinguishing devices regulations which may affect the specification of the distinguishing devices as specified in the scope of work of this document
 - 4.4.9 The SANC may at any time require the potential or contracted supplier(s) to amend the specification or pricing which was initially agreed upon should the revised regulations require such action.
 - 4.4.10 The SANC reserves the right to cancel the bid at any time should it be discovered that the requirements are no longer fit for purpose.

5. EVALUATION PROCESS

5.1 Bids will be evaluated in three steps (Mandatory and Administrative Compliance, Functionality and Price and B-BBEE). The following qualifying criteria will be used:

a) Step 1: Mandatory and Administrative Compliance:

Document that must be submitted	Non-compliance with items against which a "YES" is denoted shall result in disqualification	
Invitation to Bid	YES	Complete and sign the supplied pro forma document.
Tax Status Tax Clearance Certificate	YES	i. Proof of Registration on the Central Supplier Database. ii. In the event where the Bidder submits a hard copy of the Tax Clearance Certificate, the CSD verification outcome will take precedence.
Declaration of Interest	YES	Complete and sign the supplied pro forma document.
Preference Point Claim Form	NO	Non-submission will lead to a zero (0) score on B-BBEE.
Original / certified copy of a B-BBEE certificate	NO	Valid B-BBEE certificate
Declaration of Bidder's Past Supply Chain Management Practices	YES	Complete and sign the supplied pro forma document.
Certificate of Independent Bid Determination	YES	Complete and sign the supplied pro forma document.
Registration on Central Supplier Database (CSD)	NO	The service provider must be registered as a service provider on the Central Supplier Database (CSD). If you are not registered proceed to complete the registration of your company prior to submitting your proposal. Visit https://secure.csd.gov.za/ to obtain your vendor number. Submit proof of registration.
Pricing Schedule	YES	Submit full details of the pricing proposal in a separate envelope.
SABS compliance Certificate	YES	Proof of quality assurance report (comply with SABS Standards) indicating all the stages of manufacture and approval
Reference Letters	YES	A minimum of three (3) contactable reference letters on a company letter head providing a similar service of

		Distinguishing devices
Compliance to detailed technical specifications	YES	Bidders must comply 100% to detailed technical specifications attached as annexures A,B,C and D

b) Step 2: Functionality:

Only Bidders that have met the mandatory and administrative criteria in step 1 will be evaluated in step 2 for functionality.

Functionality will be evaluated as follows:

- Technical Evaluation** Bidders will be evaluated out of 70 points. Bidders must score a minimum of 50 points for invitation to presentation
- Presentation** – Bidders will be evaluated out of 30 points.
- The overall combined score must be equal or above 70 points out of 100 points in order to proceed to step 3 for Price and B-BBEE evaluation.

The following rating values for evaluation will be used:

Criteria	Description	Sub-Criteria	Weights
Delivery Period	Delivery of distinguishing devices must be made within 6 weeks after the order has been made.	<ul style="list-style-type: none"> 2 weeks = 5 3 weeks = 4 4 weeks = 3 5 weeks = 2 6 weeks = 1 More than 6 weeks = 0 	20
Methodology	The bidder has outlined the methodology and project plan which addresses the requirements in the TOR.	<ul style="list-style-type: none"> No methodology, no outline of project plan = 0 The methodology and project plan is standard and does not address the entire scope of work in detail and the service provider has aligned the approach with the requirements of the TOR = 1 The methodology and project plan is standard and addresses 50% of the scope of work in detail and the service provider has aligned the approach with the requirements of the TOR = 2 The methodology and project plan is standard and addresses 70% of the scope of work in detail and the service provider has aligned the 	50

		approach with the requirements of the TOR = 3 • The methodology and project plan is standard and addresses 90% of the scope of work in detail and the service provider has aligned the approach with the requirements of the TOR = 4 • The methodology and project plan is standard and addresses the entire of the scope of work in detail and the service provider has aligned the approach with the requirements of the TOR = 5	
Subtotal Points			70
Presentation	Pictures of the manufacturing machines and or equipment Production process flows.	• Physical Samples of the products = 15 • Production process flows= 15 • Non submission of presentation = 0	30
Grand Total Points			100

Each panel member will rate each individual criterion on the score sheets as indicated for each phase, using the following scale:

Value	Description
5 - Excellent	Exceeds the functionality requirements
4 - Very Good	Above average compliance to the requirements
3 - Good	Satisfactory and meets the requirements
2 - Average	Average Partial compliance to the requirements
1 - Poor	Does not meet set criteria
0 - Unacceptable	Non submission

The following formula will be used to convert to the points scored against the weight:

$$Ps = \left(\frac{So}{Ms} \right) \times 100$$

Where:

- Ps = Percentage scored for functionality by bid under consideration
 So = Total score of bid under consideration
 Ms = Maximum possible score

c) Step 3: Price and B-BBEE:

Bids will be evaluated in terms of the **80/20 Preference Point System** (80 points for price and 20 points for B-BBEE).

The following formula will be applied to calculate the points for price.

$$P_s = 80 \left(1 - \frac{P_t - P_{\min}}{P_{\min}} \right)$$

Where

- P_s = Points scored for price of bid under consideration
 P_t = Rand value of bid under consideration
 P_{\min} = Rand value of lowest acceptable bid

The following formula will be used to calculate the points for B-BBEE:

Bids from non-compliant B-BBEE contributors will not be disqualified. Any B-BBEE qualifying contributor who does not submit a substantiating certificate will be allocated zero points but the bid will not be disqualified. Points will be awarded to a tenderer for attaining their B-BBEE status level of contributor in accordance with the table below:

B-BBEE Status Level of Contributor	Number of points (80/20)
1	20
2	18
3	14
4	12
5	8
6	6
7	4
8	2
Non-compliant contributor	0

6. PAYMENT STRUCTURE

- 6.1 SANC undertakes to pay delivery validated invoices in full within thirty (30) days from the monthly invoice date or upon agreed payment intervals as accepted in the contract.
- 6.2 No invoices for outstanding deliverables or for any unproductive or duplicated time spent by the service provider will be validated for payment.
- 6.3 Invoices should be emailed at sancinvoices@sanc.co.za timeously.
- 6.4 The invoices should be original and must be accompanied by an inspection certificate and/or proof of delivery.

PRICING SCHEDULE PER YEAR

PLEASE NOTE THAT THE QUANTITIES STATED BELOW ARE JUST AN ESTIMATE, THE SANC CAN ORDER MORE QUANTITIES OR FEWER QUANTITIES THAN QUANTITIES LISTED ON THE TABLE BELOW

A. YEAR 1

#	ITEM DESCRIPTION	QUANTITIES YEAR 1	UNIT PRICE (EXCLUDING VAT) R	TOTAL PRICE (EXCLUDING VAT) R	TOTAL PRICE (INCLUDING VAT) R
1.	Metal Badge Council (Shoulder) (silver and blue)	20 000 pairs			
2.	Bars (navy blue)	12 000 pairs			
3.	Bars (green)	12 000 pairs			
4.	Bars (white)	2 500 pairs			
5.	Bars (silver)	2 500 pairs			
6.	Bars (yellow)	1 2000 pairs			
7.	Oval Badges (maroon)	2 500 pairs			
8.	Round Brooch	1 000 pairs			
	Total price				

B. YEAR 2

#	ITEM DESCRIPTION	QUANTITIES YEAR 2	UNIT PRICE (EXCLUDING VAT) R	TOTAL PRICE (EXCLUDING VAT) R	TOTAL PRICE (INCLUDING VAT) R
1.	Metal Badge Council (Shoulder) (silver and blue)	20 000 pairs			
2.	Bars (navy blue)	12 000 pairs			
3.	Bars (green)	12 000 pairs			
4.	Bars (white)	2 500 pairs			
5.	Bars (silver)	2 500 pairs			
6.	Bars (yellow)	1 2000 pairs			
7.	Oval Badges (maroon)	2 500 pairs			
8.	Round Brooch	1 000 pairs			
	Total price				

C. YEAR 3

1.	Metal Badge Council (Shoulder) (silver and blue)	20 000 pairs			
2.	Bars (navy blue)	12 000 pairs			
3.	Bars (green)	12 000 pairs			
4.	Bars (white)	2 500 pairs			
5.	Bars (silver)	2 500 pairs			
6.	Bars (yellow)	1 200 pairs			
7.	Oval Badges (maroon)	2 500 pairs			
8.	Round Brooch	1 000 pairs			
	Total price				

D. YEAR 4

1.	Metal Badge Council (Shoulder) (silver and blue)	20 000 pairs			
2.	Bars (navy blue)	12 000 pairs			
3.	Bars (green)	12 000 pairs			
4.	Bars (white)	2 500 pairs			
5.	Bars (silver)	2 500 pairs			
6.	Bars (yellow)	1 200 pairs			
7.	Oval Badges (maroon)	2 500 pairs			
8.	Round Brooch	1 000 pairs			
	Total price				

E YEAR 5

#	ITEM DESCRIPTION	QUANTITIES YEAR 5	UNIT PRICE (EXCLUDING VAT) R	TOTAL PRICE (EXCLUDING VAT) R	TOTAL PRICE (INCLUDING VAT) R
1.	Metal Badge Council (Shoulder) (silver and blue)	20 000 pairs			
2.	Bars (navy blue)	12 000 pairs			
3.	Bars (green)	12 000 pairs			
4.	Bars (white)	2 500 pairs			
5.	Bars (silver)	2 500 pairs			
6.	Bars (yellow)	1 2000 pairs			
7.	Oval Badges (maroon)	2 500 pairs			
8.	Round Brooch	1 000 pairs			
	Total price				

	TOTAL PRICE (EXCLUDING VAT R)	VAT R	TOTAL PRICE (INCLUDING VAT) R
Total estimated contract price over a five year period			

7. PAYMENT STRUCTURE

- 7.1 SANC undertakes to pay delivery validated invoices in full within thirty (30) days from the monthly invoice date or upon agreed payment intervals as accepted in the contract.
- 7.2 No invoices for outstanding deliverables or for any unproductive or duplicated time spent by the service provider will be validated for payment.
- 7.3 Invoices should be emailed at sancinvoices@sanc.co.za timeously.
- 7.4 The invoices should be original and must be accompanied by an inspection certificate and/or proof of delivery.

Required by (End-User):

Revenue Collection & Sales

Required at (Address):

Cecilia Makiwane Building
602 Pretorius Street
Arcadia, Pretorius 0083

Brand and model (if applicable):

N/A.....

Country of origin (if applicable): N/A

Guarantee period (if applicable): N/A

Does the offer comply with the specification? ☐ Yes ☐ No ☐ N/A

*Mark the relevant block with an X

If not to specification, indicate deviation(s): N/A

How long it will take for the bidder to deliver goods/services after receipt of a purchase order? (Only firm delivery period will be considered):

DECLARATION BY THE BIDDER:

I confirm that the information furnished is correct and true. I accept that the South African Nursing Council may act against me should this declaration prove to be false.

Name of Bidder: Position:

Signature: Date:

PREFERENCE POINTS CLAIM FORM IN TERMS OF THE PREFERENTIAL PROCUREMENT REGULATIONS 2017

This preference form must form part of all bids invited. It contains general information and serves as a claim form for preference points for Broad-Based Black Economic Empowerment (B-BBEE) Status Level of Contribution

NB: BEFORE COMPLETING THIS FORM, BIDDERS MUST STUDY THE SPECIAL REQUIREMENTS OF QUOTATION, DEFINITIONS, AND DIRECTIVES APPLICABLE IN RESPECT OF B-BBEE, AS PRESCRIBED IN THE PREFERENTIAL PROCUREMENT REGULATIONS, 2017.

1. GENERAL CONDITIONS

- 1.1 The following preference point systems are applicable to all bids:
- the 80/20 system for requirements with a Rand value of up to R50 000 000 (all applicable taxes included); and
- 1.2 The value of this bid is estimated to not exceed R50 000 000 (all applicable taxes included) and therefore the 80/20 preference point system shall be applicable; or
- 1.3 The 80/20 preference point system will be applicable to this tender.
- 1.4 Points for this bid shall be awarded for:
- (a) Price; and
 - (b) B-BBEE Status Level of Contributor.
- 1.5 The maximum points for this bid are allocated as follows:

	POINTS
PRICE	80
B-BBEE STATUS LEVEL OF CONTRIBUTOR	20
Total points for Price and B-BBEE must not exceed	100

- 1.6 Failure on the part of a bidder to submit proof of B-BBEE Status level of contributor together with the bid will be interpreted to mean that preference points for B-BBEE status level of contribution are not claimed.
- 1.7 The Purchaser reserves the right to require of a bidder, either before a bid is adjudicated or at any time subsequently, to substantiate any claim in regard to preferences, in any manner required by the purchaser.

2. DEFINITIONS

- (a) **"B-BBEE"** means broad-based black economic empowerment as defined in section 1 of the Broad-Based Black Economic Empowerment Act;
- (b) **"B-BBEE status level of contributor"** means the B-BBEE status of an entity in terms of a code of good practice on black economic empowerment, issued in terms of section 9(1) of the Broad-Based Black Economic Empowerment Act;
- (c) **"bid"** means a written offer in a prescribed or stipulated form in response to an invitation by an organ of state for the provision of goods or services, through price quotations, advertised competitive bidding processes or proposals;

- (d) **"Broad-Based Black Economic Empowerment Act"** means the Broad-Based Black Economic Empowerment Act, 2003 (Act No. 53 of 2003);
- (e) **"EME"** means an Exempted Micro Enterprise in terms of a code of good practice on black economic empowerment issued in terms of section 9 (1) of the Broad-Based Black Economic Empowerment Act;
- (f) **"functionality"** means the ability of a tenderer to provide goods or services in accordance with specifications as set out in the tender documents.
- (g) **"prices"** include all applicable taxes less all unconditional discounts;
- (h) **"proof of B-BBEE status level of contributor"** means:
 - 1) B-BBEE Status level certificate issued by an authorized body or person;
 - 2) A sworn affidavit as prescribed by the B-BBEE Codes of Good Practice;
 - 3) Any other requirement prescribed in terms of the B-BBEE Act;
- (i) **"QSE"** means a qualifying small business enterprise in terms of a code of good practice on black economic empowerment issued in terms of section 9 (1) of the Broad-Based Black Economic Empowerment Act;
- (j) **"rand value"** means the total estimated value of a contract in Rand, calculated at the time of bid invitation, and includes all applicable taxes;

3. POINTS AWARDED FOR PRICE

3.1 THE 80/20 PREFERENCE POINT SYSTEMS

A maximum of 80 or 90 points is allocated for a price on the following basis:

80/20

$$P_s = 80 \left(1 - \frac{P_l - P_{min}}{P_{min}} \right)$$

Where

- P_s = Points scored for the price of a bid under consideration
- P_l = Price of a bid under consideration
- P_{min} = Price of lowest acceptable bid

4. POINTS AWARDED FOR B-BBEE STATUS LEVEL OF CONTRIBUTOR

- 4.1 In terms of Regulation 6 (2) and 7 (2) of the Preferential Procurement Regulations, preference points must be awarded to a bidder for attaining the B-BBEE status level of contribution in accordance with the table below:

B-BBEE Status Level of Contributor	Number of points (80/20 system)
1	20
2	18
3	14
4	12
5	8
6	6
7	4
8	2
Non-compliant contributor	0

5. BID DECLARATION

- 5.1 Bidders who claim points in respect of B-BBEE Status Level of Contribution must complete the following:

5.1.1 B-BBEE STATUS LEVEL OF CONTRIBUTOR CLAIMED:

B-BBEE Status Level of Contributor: = (Maximum of 20 points)

(Points claimed must be in accordance with the table reflected in paragraph 4.1 and must be substantiated by the relevant proof of B-BBEE status level of the contributor.

5.1.2 SUB-CONTRACTING

- i) Will any portion of the contract be sub-contracted? ☐ Yes ☐ No
(Tick applicable box)

- ii) If yes, indicate:

- What percentage of the contract will be subcontracted.....%
- The name of the sub-contractor.....
- The B-BBEE status level of the sub-contractor.....
- Whether the sub-contractor is an EME or QSE. ☐ Yes ☐ No

(Tick applicable box)

- Specify, by ticking the appropriate box, if your company will subcontract with any other enterprise in terms of Preferential Procurement Regulations, 2017, as per the table below :

Designated Group: An EME or QSE which is at least 51% owned by:	EME v	QSE v
Black people		
Black people who are youth		
Black people who are women		
Black people with disabilities		
Black people living in rural or underdeveloped areas or townships		
Cooperative owned by black people		
Black people who are military veterans		
OR		
Any EME		

Any Q&A

5.1.3 DECLARATION WITH REGARD TO COMPANY/FIRM

5.1.3.1 Name of company/firm:

5.1.3.2 VAT registration number:

5.1.3.3 Company registration number:

5.1.3.4 TYPE OF COMPANY/ FIRM

Partnership/Joint Venture / Consortium

One person business/sole propriety

Close corporation

Company

(Pty) Limited

[TICK APPLICABLE BOX]

5.1.3.5 DESCRIBE PRINCIPAL BUSINESS ACTIVITIES

.....

5.1.3.6 COMPANY CLASSIFICATION

Manufacturer

Supplier

Professional service provider

Other service providers, e.g. transporter, etc.

[TICK APPLICABLE BOX]

5.1.3.7 A total number of years the company/firm has been in business:

5.1.3.8 I/we, the undersigned, who is / are duly authorised to do so on behalf of the company/firm, certify that the points claimed, based on the B-BBEE Status Level of Contributor indicated in paragraph 5.1.1 of the foregoing certificate, qualifies the company/ firm for the preference(s) shown and I / we acknowledge that:

- i) The information furnished is true and correct;
- ii) In the event of a contract being awarded as a result of points claimed, the contractor may be required to furnish documentary proof to the satisfaction of the purchaser that the claims are correct;

If the B-BBEE status level of contributor has been claimed or obtained on a fraudulent basis or any of the conditions of the contract have not been fulfilled, the purchaser may, in addition to any other remedy it may have –

- (a) disqualify the person from the bidding process;
- (b) recover costs, losses or damages it has incurred or suffered as a result of that person's conduct;
- (c) cancel the contract and claim any damages which it has suffered as a result of having to make less favorable arrangements due to such cancellation;

- (d) recommend that the bidder or contractor, its shareholders and directors, or only the shareholders and directors who acted on a fraudulent basis, be restricted by the National Treasury from obtaining business from any organ of state for a period not
- (e) exceeding 10 years, after the *audi alteram partem* (hear the other side) rule has been applied; and
- (f) Forward the matter for criminal prosecution.

Signatures of the bidder: _____ Date: _____

Witnesses: (01) _____ (02) _____

DECLARATION OF INTEREST

1. Any legal person, including persons employed by the South African Nursing Council (SANC), or persons having a kinship with persons employed by the SANC, including a blood relationship, may make an offer or offers in terms of this invitation to bid (includes a price quotation, advertised competitive bid, limited bid or proposal). In view of possible allegations of favouritism, should the resulting bid, or part thereof, be awarded to persons employed by the SANC, or to persons connected with or related to them, it is required that the bidder or his/her authorised representative declare his/her position in relation to the evaluating/adjudicating authority where:

- the bidder is employed by the SANC; and/or
- the legal person on whose behalf the bidding document is signed, has a relationship with persons/a person who are/is involved in the evaluation and or adjudication of the bid(s), or where it is known that such a relationship exists between the person or persons for or on whose behalf the declarant acts and persons who are involved with the evaluation and or adjudication of the bid.

2. In order to give effect to the above, the following questionnaire must be completed and submitted with the bid.

2.1 Full Name of bidder or his or her representative:

2.2 Identity Number:

2.3 Position occupied in the Company (director, trustee, shareholder):

2.4 Company Registration Number:

2.5 Tax Reference Number:

2.6 VAT Registration Number:

2.7 Are you or any person connected with the bidder
presently employed by the SANC? YES / NO

2.7.1 If so, furnish the following particulars:

Name of person / director / trustee / shareholder/ member:

Name of state Institution at which you or the person
connected to the bidder is employed :

Position occupied in the state institution:

Any other particulars:

.....

.....

.....

2.7.2 If you are presently employed by the SANC, did you obtain the appropriate authority to undertake remunerative work outside employment in the public sector? YES / NO

2.7.2.1 If yes, did you attach proof of such authority to the bid document? YES / NO

(Note: Failure to submit proof of such authority, where applicable, may result in the disqualification of the bid.

2.7.2.2 If no, furnish reasons for non-submission of such proof:

2.8 Did you or your spouse, or any of the company's directors / trustees / shareholders / members or their spouses conduct business with the SANC in the previous twelve months? YES / NO

2.8.1 If so, furnish particulars:

2.9 Do you, or any person connected with the bidder, have any relationship (family, friend, other) with a person employed by the SANC and who may be involved with the evaluation and or adjudication of this bid? YES / NO

2.9.1 If so, furnish particulars.

2.10 Are you, or any person connected with the bidder, aware of any relationship (family, friend, other) between any other bidder and any person employed by the SANC who may be involved with the evaluation and or adjudication of this bid? YES/NO

2.10.1 If so, furnish particulars.

2.11 Do you or any of the directors / trustees / shareholders / members of the company have any interest in any other related companies whether or not they are bidding for this contract? YES/NO

2.11.1 If so, furnish particulars:

[illegible]

3 DECLARATION

I, THE UNDERSIGNED (NAME) _____

CERTIFY THAT THE INFORMATION FURNISHED IN PARAGRAPHS 2 AND 3 ABOVE IS CORRECT.
I ACCEPT THAT THE SANC MAY REJECT THE BID OR ACT AGAINST ME IN TERMS OF THE SCM POLICY AND
PROCEDURE MANUAL AND OTHER RELATED LEGISLATION SHOULD THIS DECLARATION PROVE TO BE FALSE

Signature

Date _____

Position

Name of Bidder

DECLARATION OF BIDDER'S PAST SUPPLY CHAIN MANAGEMENT PRACTICES:

1. This Standard Bidding Document must form part of all bids invited.
2. It serves as a declaration to be used by institutions in ensuring that when goods and services are being procured, all reasonable steps are taken to combat the abuse of the supply chain management system.
3. The bid of any bidder may be disregarded if that bidder or any of its directors have-
 - a. Abused the institution's supply chain management system;
 - b. Committed fraud or any other improper conduct in relation to such system; or
 - c. Failed to perform on any previous contract.
4. In order to give effect to the above, the following questionnaire must be completed and submitted with the bid.

Item	Question	Yes	No
4.1	Is the bidder or any of its directors listed on the National Treasury's database as companies or persons prohibited from doing business with the public sector? (Companies or persons who are listed on this database were informed in writing of this restriction by the Accounting Officer/Authority of the institution that imposed the restriction after the <i>audi alteram partem</i> rule was applied). The Database of Restricted Suppliers now resides on the National Treasury's website (www.treasury.gov.za) and can be accessed by clicking on its link at the bottom of the page.	Yes	No
4.1.1	If so, furnish particulars:		
4.2	Is the bidder or any of its directors listed on the Register for Tender Defaulters in terms of section 29 of the Prevention and Combating of Corrupt Activities Act (No 12 of 2004)? The Register for Tender Defaulters can be accessed on National Treasury's website, (www.treasury.gov.za) by clicking on its link at the bottom of the home page.	Yes	No
4.2.1	If so, furnish particulars:		
4.3	Was the bidder or any of its directors convicted by a court of law (including a court outside of the Republic of South Africa) for fraud or corruption during the past five years?	Yes	No
4.3.1	If so, furnish particulars:		
4.4	Was any contract between the bidder and any organ of state terminated during the past five years on account of failure to perform on or comply with the contract?	Yes	No
4.4.1	If so, furnish particulars:		

Signature

Date

Position

Name of Bidder

CERTIFICATE OF INDEPENDENT BID DETERMINATION:

I, the undersigned, in submitting the accompanying bid in response to the invitation for the bid **INVITATION TO BID: APPOINTMENT OF A SERVICE PROVIDER FOR THE MANUFACTURE, SUPPLY AND DELIVERY OF METAL PRODUCTS (DISTINGUISHING DEVICES) FOR A PERIOD OF FIVE (5) YEARS AT SOUTH AFRICAN NURSING COUNCIL (SANC)** made by: **THE SOUTH AFRICAN NURSING COUNCIL (SANC)** do hereby make the following statements that I certify to be true and complete in every respect:

I certify, on behalf of: _____ that:

(Name of Bidder)

1. I have read and I understand the contents of this Certificate;
2. I understand that the accompanying bid will be disqualified if this Certificate is found not to be true and complete in every respect;
3. I am authorized by the bidder to sign this Certificate, and to submit the accompanying bid, on behalf of the bidder;
4. Each person whose signature appears on the accompanying bid has been authorized by the bidder to determine the terms of, and to sign the bid, on behalf of the bidder;
5. For the purposes of this Certificate and the accompanying bid, I understand that the word "competitor" shall include any individual or organization, other than the bidder, whether or not affiliated with the bidder, who:
 - (a) Has been requested to submit a bid in response to this bid invitation;
 - (b) Could potentially submit a bid in response to this bid invitation, based on their qualifications, abilities or experience; and
 - (c) Provides the same goods and services as the bidder and/or is in the same line of business as the bidder
6. The bidder has arrived at the accompanying bid independently from, and without consultation, communication, agreement or arrangement with any competitor. However, communication between partners in a joint venture or consortium¹ will not be construed as collusive bidding.
7. In particular, without limiting the generality of paragraphs 6 above, there has been no consultation, communication, agreement or arrangement with any competitor regarding:
 - (a) Prices;
 - (b) The geographical area where product or service will be rendered (market allocation)
 - (c) Methods, factors or formulas used to calculate prices;
 - (d) The intention or decision to submit or not to submit, a bid;
 - (e) The submission of a bid which does not meet the specifications and conditions of the bid; or
 - (f) Bidding with the intention not to win the bid.
8. In addition, there have been no consultations, communications, agreements or arrangements with any competitor regarding the quality, quantity, specifications, and conditions or delivery particulars of the products or services to which this bid invitation relates.
9. The terms of the accompanying bid have not been, and will not be, disclosed by the bidder, directly or indirectly, to any competitor, prior to the date and time of the official bid opening or of the awarding of the contract.
10. I am aware that, in addition and without prejudice to any other remedy provided to combat any restrictive practices related to bids and contracts, bids that are suspicious will be reported to the Competition Commission for investigation and possible imposition of administrative penalties in terms

of section 59 of the Competition Act No 89 of 1998 and or may be reported to the National Prosecuting Authority (NPA) for criminal investigation and or may be restricted from conducting

business with the public sector for a period not exceeding ten (10) years in terms of the Prevention and Combating of Corrupt Activities Act No 12 of 2004 or any other applicable legislation.

Signature

Date

Position

Name of Bidder

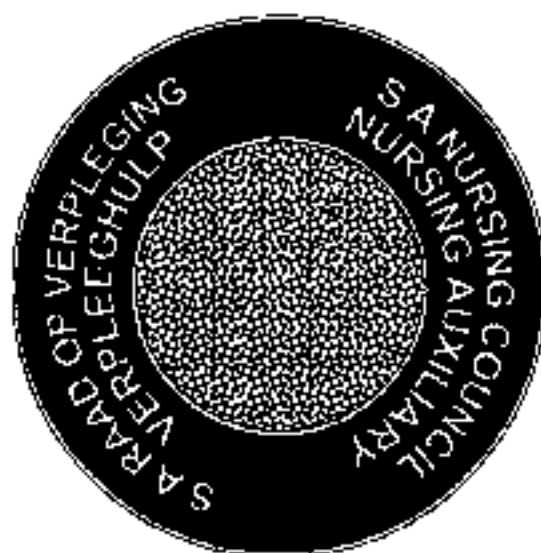
PRIVATE SPECIFICATION

Prepared for the



South African Nursing Council
Regulating nursing, advocating for the patient

Metal Brooch, Nursing Auxiliary



SANC 003

Version 01.0/November 2019

1. Scope

This specification covers the material and design of metal brooches issued by the South African Nursing Council and worn by nursing auxiliary category.

2. Definitions

For the purposes of this specification, the following definitions apply:

Acceptable:	acceptable to the South African Nursing Council
Defective:	a brooch that fails in one or more respects to comply with the relevant requirements of this specification
A Lot:	not less than 25 and not more than 150 000 brooches of the same type, item number, finish and style, from one manufacturer, submitted any one time for inspection and testing
Nominal:	subject to the tolerances normal to good manufacturing practice.
SANS:	South African National Standard
Significant surface:	the visible face side of the brooch, when the brooch is attached to the relevant uniform item
TBD:	To be determined


3. Client Furnished Materials

No component materials, hobs, dies or tools will be supplied by the South African Nursing Council.

4. Item Number

Table 1 – Item Number

NOTE: These items shall be supplied as singles.

1	2	3
Item Number	Item description	Illustration
TBD	Metal Brooch, Nursing Auxiliary	

Doc. No	Date	Responsibility	Version	Page
SANC 023	November 2019	SANC	V01.0	Page 2 of 13

5. Illustrations

Illustrations are not to scale and all measurements are nominal.

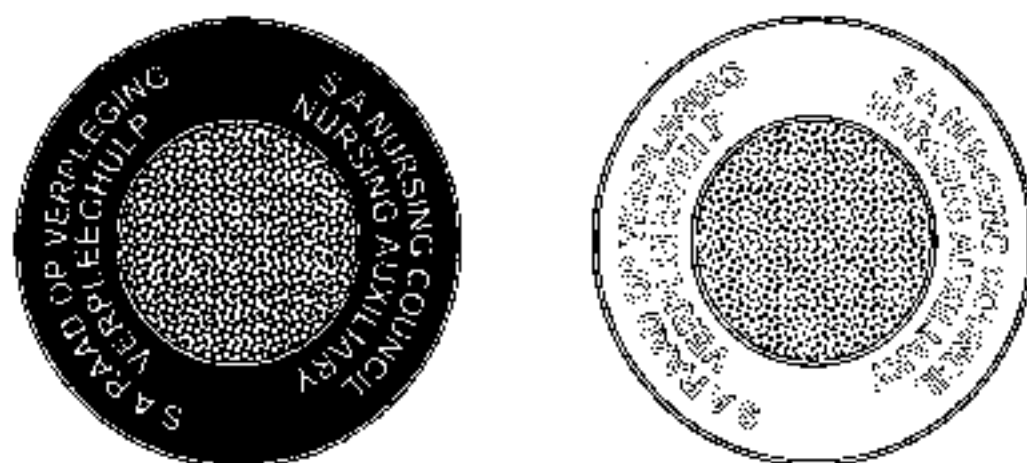


Figure 1 – Significant surface



Figure 2 – Reverse of brooch

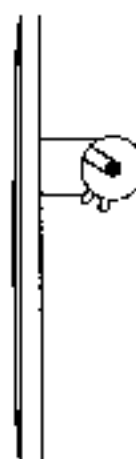


Figure 3 – Side view

Doc. No	Date	Responsibility	Version	Page
SANC 003	November 2019	SANC	V01.0	Page 3 of 13

6. Component requirements

6.1 Base material

- made of brass that comply with the relevant requirements of Type Designation CZ101 (90/10 brass), condition ½ Hard, of SANS 1303-1
- of nominal thickness 1.5 mm

6.2 Brooch pin

- to be an acceptable 32 mm heavy duty commercially available brooch pin
- to be soldered to the reverse of the brooch
- plated with nickel that shall comply with the requirements as given in section 11.2
 - plating shall be done after soldering has been completed
 - surfaces to be smooth and even
 - surfaces to be free from cracks, burns, rough or sharp edges and surface blemishes
- nominal dimensions to be as given in figure 4

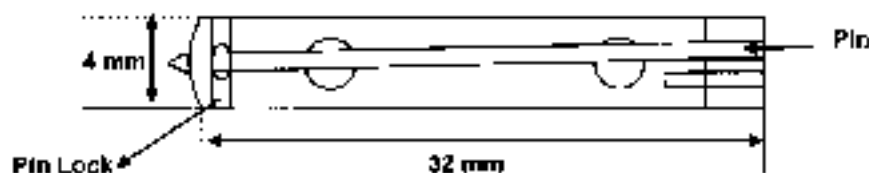


Figure 4 – Example of typical brooch pin

7. Design and construction of brooch

7.1 General

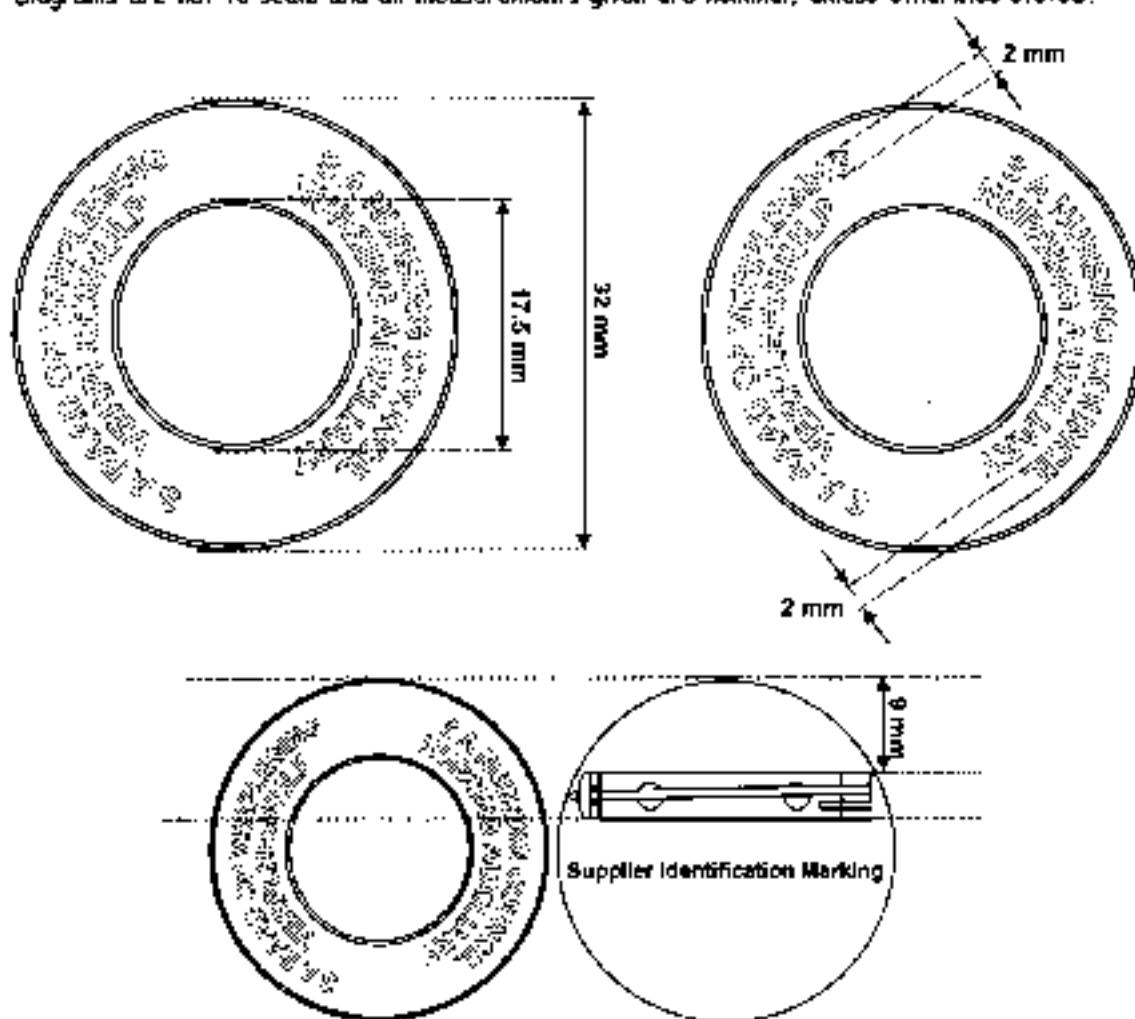
- be die-stamped with a flat back
- be made of brass plate as given in paragraph 6.1
- to comply with the design as given in figures 1 to 3
- to comply with the dimensions as given in section 8
- have explicit dots
- to incorporate the following design elements (see figure 1):
 - an inner circle
 - inner circle to be nickel plated and incorporate a surface interest (created by matting in dc)
 - inner circle to have a bright nickel outline of nominal thickness 0.5 mm
 - an outer ring encircling the inner circle
 - outer ring to be colour filed (painted) as given in table 2
 - outer ring to have a nickel outline of nominal thickness 0.5 mm

Doc. No	Date	Responsibility	Version	Page
SANC-003	November 2019	SANC	V01.0	Page 4 of 13

- the wording "S A RANG OP VERPLEGINGS" along the one side and "S A NURSING COUNCIL" at the opposite side
- all letters to be in nickel
- all letters to be capital letters and all words shall be evenly spaced
- all words shall be legible and clear
- to be electroplated with nickel (see paragraph 11.2)
- a brooch pin shall be soldered to the reverse of the brooch
 - to comply with the requirements as specified in paragraph 6.2
 - be positioned as given in section 8
- the reverse of the brooch shall incorporate the relevant manufacturer's identification markings (for traceability)
- the brooch shall be completely covered with clear epoxy coating that shall comply with the requirements as given in paragraph 11.3

8. Dimensions

Diagrams are not to scale and all measurements given are nominal, unless otherwise stated.











Doc. No	Date	Responsibility	Version	Page
SANC 003	November 2019	SANC	V01.0	Page 5 of 13

9. Application of paint/plating

NOTE - The black colour-filled areas indicate the application of the relevant paint/plating on the significant surface. The colours below are given for guidance only, with the understanding that the successful bidder shall match the colours to the actual master samples held by SANC.

Table 2 – Application of paint/plating

	 Nickel plating (Bright)
	 Nickel plating with surface interest (created by matting in die)
	 Pantone Colour No. 19-3952 TPX "Surf the web"
	 Epoxy coating

Doc. No	Date	Responsibility	Version	Page
SANC 003	November 2019	SANC	V01.0	Page 6 of 13

10. Workmanship

Each brooch shall be:

- die-cut, made and finished with acceptable standards throughout
- of uniform and acceptable make, colour and finish

Shall be free from defects that:

- affect their appearance
- affect their serviceability (or both)

The brooch shall be free from:

- burrs, rough or sharp edges
- surface blemishes

The soldering shall be:

- clean
- strong
- smooth
- free from flux and excess soldering

11. Finishing

11.1 Polishing

The polishing shall:

- be carried out prior to the plating of the brooches
- be carried out until an acceptable smooth and even surface is obtained
- not cause any loss of definition of the design

11.2 Nickel plating

The significant surface as well as the reverse and brooch pin shall be electroplated with nickel.

The nickel coating shall:

- be electroplated with a uniform deposit
- have a bright finish
- nickel plating to comply with the requirements as given in SANS 136:1988/ISO 1458:1988
- have no contact marks from the electroplating process
- render a clean surface
- adhere firmly to the base metals
- when viewed at a distance of 350 mm, be free from the following defects

Doc. No	Date	Responsibility	Version	Page
SANC 003	November 2018	SANC	V01.0	Page 7 of 13

- blisters
- pits
- roughness
- cracks
- stains
- discolouration
- mechanical damage

The thickness of the coating shall be:

- 5µm at any point

11.3 Painting and epoxy-coating

The paint and epoxy coating shall:

- be heat resistant and non-fading
- paint to be of the enamel type
- be an acceptable match to the colours as given in table 2
- be confined to the areas prescribed by the design as given in table 2
- be covered with epoxy coating
 - be an acceptable clear epoxy resin coating that prevents excessive doming after application
 - be of acceptable hardness
 - care shall be taken not to overfill the prescribed area in order to ensure that the brooch is as flat as possible after application
- when viewed at a distance of 350 mm, be free from the following defects (applicable to the paint and epoxy coating): bubbles, spots, inclusions, cracks, crazing

12. Packing and marking

12.1 Packing

12.1.1 The brooches shall be:

- delivered in a commercially dry condition
- so packed that they will not be damaged in transit or in storage
- packed as given in table 3

Table 3 – Packaging of brooches

	1	2
	PACKAGING MATERIAL ^a	CONTAINING
A.	Small plastic envelope with a pull and press opening and closure	A single brooch
B.	Bulk plastic envelopes with a pull and press opening	Appropriate number of envelopes as given in A above (all bulk plastic envelopes to contain the same amount of brooches)
C.	Bulk container for transit to have a maximum gross mass of 25 kg when packed ^b .	Bulk plastic envelopes as given in C above

^a Of suitable size and shape.

^b Each bulk container for transit shall house the same amount of brooches per consignment. The last bulk container per consignment may contain QUANTITIES that deviate from the prescribed amount of brooches. If this is the case, the supplier will mark this container with a clearly visible red sticker at each outer end of the lid for easy identification.

Doc. No	Date	Responsibility	Version	Page
SANC 003	November 2019	SANC	V01.0	Page 6 of 13

12.2 Marking

12.2.1 Small plastics envelope (see A in table 3)

Each small plastics envelope to be clearly marked with the following information:

- ✦ the Item Description as given in Table 1
- ✦ the Item Number (only if supplied)
- ✦ the year of manufacture
- ✦ the manufacturer's name or trademark

12.2.2 Bulk plastics envelope (see B in table 3)

Each bulk plastics envelope to be clearly marked with the following information:

- ✦ the Item Description as given in Table 1
- ✦ the Item Number (only if supplied)
- ✦ the year of manufacture
- ✦ the manufacturer's name or trademark
- ✦ the quantity

12.2.3 Bulk containers

Each bulk container to have a label securely attached to the outside visible when the containers are stacked and providing the following information in legible and indelible marking:

- ✦ the manufacturer's name or trade mark or both
- ✦ the item description as given in Table 1
- ✦ the quantity (number of pairs)
- ✦ the year of manufacture
- ✦ the mass of the packed container
- ✦ the Item Number (only if available)
- ✦ the number of containers, e.g. 1 of 6

12.3 Additional marking

When so required by the South African Nursing Council, brooches, small plastics envelopes, bulk plastics envelopes or bulk containers (or any combination of these) to bear information additional to that specified above e.g. the inclusion of bar coding

Doc. No.	Date	Responsibility	Version	Page
SANC-003	November 2018	SANC	V01.0	Page 9 of 13

13. Normative references

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

BS 6001-1:1991, *Sampling Procedures for Inspection by Attributes – Part 1: Sampling schemes indexed by acceptable quality limit (AQL) for lot-by-lot inspection*.

SANS 136:1988/ISO 1458:1988, *Metallic coatings - Electrodeposited coatings of nickel*.

SANS 1303-1, *Wrought copper alloys Part 1: Chemical composition of copper-zinc alloys (non-lead and leaded)*.

14. Additional conditions of bid

See Annex A.

15. Sampling and compliance with the specification

See Annex B.

* SABS; Tel. +27 (0) 12 4287911

Doc. No	Date	Responsibility	Version	Page
SANC 003	November 2018	SANC	VC1.0	Page 10 of 13

ANNEX A

(Normative)

Additional conditions of bid

- A-1** Unless otherwise stated, the South African Nursing Council or an appointed SANAS accredited inspection body shall be the inspecting authority.

A-2 STANDARD SAMPLES, PRE-PRODUCTION STAMPINGS

A-2.1 GENERAL PROCEDURE

A-2.1.1 Plaster models/Computer generated designs and lead impressions

When a new design of the brooch is required or when a new hob or die has to be made, a plaster/computer generated design shall have been made and approved by the South African Nursing Council before the die is cut for the production of lead impressions. Two lead impressions shall then be submitted to the South African Nursing Council for approval. When any change to an existing hob or die has been made, two lead impressions shall be submitted to the South African Nursing Council for approval.

A-2.1.2 Pre-production samples

Written approval of lead impressions will be sent to the manufacturer who, on receipt of approval, may produce the **3 pre-production samples** that are, after approval, to become standard samples.

A-2.2 STANDARD SAMPLES

In the case of new designs, or where any change has been made to the design of the hob or die, or when called for by the South African Nursing Council, three standard samples shall be submitted to the Inspection authority for approval, prior to production being commenced by the manufacturer. Each of these samples shall conform exactly in detail, colour, form and finish to the brooches that are to be manufactured during production. Each sample will be mounted on a card (of suitable size) that is sealed and signed by the Inspection authority. On approval by the inspecting authority, the three pre-production samples will become standard samples and the cards will be treated as follows:

Note Approval of this sample will not involve any property that requires assessment by a destructive test, but will be limited to approval of construction, design, colour, dimensions, polish and general finish

- 1) Sample 1 will be permanently retained by the South African Nursing Council as master samples;
- 2) Sample 2 will be permanently retained by the Inspection Authority;
- 3) Sample 3 will be sent by the Inspection Authority to the successful bidder, who shall associate this sample with the order for the brooch(s) required. A manufacturer shall not commence production until the third sample has been received from the Inspection Authority.

Doc. No	Date	Responsibility	Version	Page
SANC 003	November 2019	SANC	V01.0	Page 11 of 13

A-3 INSPECTIONS AND TESTING

- A-3.1** The brooches 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 brooches supplied to this specification may be in progress.
- A-3.2** The contractor shall inspect the finished brooches for compliance with the specification before submitting them to the inspecting authority for final inspection.
- A-3.3** Before acceptance, the brooches shall have been inspected and tested by the inspecting authority and found to comply with the requirements of the specification.

A-4 DOCUMENTATION

One container of each consignment shall be marked "DOCUMENTS" and in addition to the brooches 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:
 - 1. The order number
 - 2. The financial authority number,
 - 3. A full description of the consignment, i.e. item number, quantity, etc

Doc. No	Date	Responsibility	Version	Page
SANC 003	November 2019	SANC	V01.0	Page 12 of 13

ANNEX B

(Normative)

Sampling and compliance with the specification

B-1 Sampling

B-1.1 Sample for inspection

From the lot, draw at random the number of brooches shown in column 2 of table B.1 relative to the appropriate lot size given in column 1.

B-1.2 Sample for testing

From the lot, or after inspection, from the samples drawn in accordance with B-1.1 above, draw at random the appropriate number of brooches as relevant, shown in column 4 of table B.1.

B-2 Compliance with the specification

B-2.1 The lot shall be deemed to comply with the requirements of the specification if:

B-2.1.1 on inspection of the sample taken in accordance with B-1.1, the number of defectives found does not exceed the appropriate acceptance number given in column 3 of table B.1;

B-2.1.2 on testing the sample taken in accordance with B-1.2, no defectives are found.

Table B.1 - Lot sizes of brooches

1	2	3	4
Lot size	Sample for inspection ¹ Sample size	Acceptance No. (AQL = 1.5)	Sample for testing ²
25 - 90	8	0	3
91 - 280	32	1	3
281 - 500	50	2	5
501 - 1200	80	3	5
1201 - 3200	125	5	8
3201 - 10 000	200	7	8
10 001 - 55 000	315	10	13
55 001 - 150 000	500	14	20

Note: AQL = Acceptance Quality Limit.

¹ Based on table II-A of BS 6001 for general inspection level II.

² Based on table II-A of BS 6001 for special inspection level S-2.

For office use only		HISTORY SHEET		
VERSION	DATE	AMENDMENTS/HISTORY		
DC 1	August 2019	First draft		
DC 2	August 2019	Change description of epoxy coating		
DC 3	August 2019	Amend Scope, Amend packaging		
DC 4	November 2019	Add note that pertains to colours since the colours could not be confirmed by manufacturers		
		First release		
Doc. No	Date	Responsibility	Version	Page
SANC 003	November 2019	SANC	V01.0	Page 13 of 13

PRIVATE SPECIFICATION

Prepared for the



South African Nursing Council
Regulating nursing, advocating for the public

Metal Badge, Enrolled Nurse



SANC 002

Version 01.0/November 2019

1. Scope

This specification covers the material and design of metal badges issued by the South African Nursing Council and worn by enrolled nursing category.

2. Definitions

For the purposes of this specification, the following definitions apply:

Acceptable:	acceptable to the South African Nursing Council
Defective:	a badge that fails in one or more respects to comply with the relevant requirements of this specification
A Lot:	not less than 25 and not more than 150 000 badges of the same type, ten: number, finish and style, from one manufacturer, submitted any one time for inspection and testing
Nominal:	subject to the tolerances normal to good manufacturing practice.
SANS:	South African National Standard
Significant surface:	the visible face side of the badge, when the badge is attached to the relevant uniform item
TBD:	To be determined

3. Client Furnished Materials

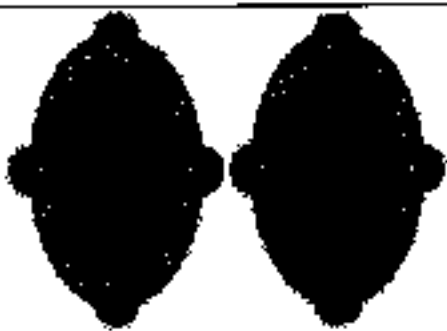
No component materials, hobs, dies or tools will be supplied by the South African Nursing Council.

Doc. No	Date	Responsibility	Version	Page
SANC 002	November 2019	SANC	V01.0	Page 2 of 17

4. Item Number

Table 1 – Item Number

NOTE: These items shall be supplied in pairs.

1	2	3
Item Number	Item description	Illustration
TBD	Metal Badge, Enrolled Nurse	

5. Illustrations

Illustrations are not to scale and all measurements are nominal.

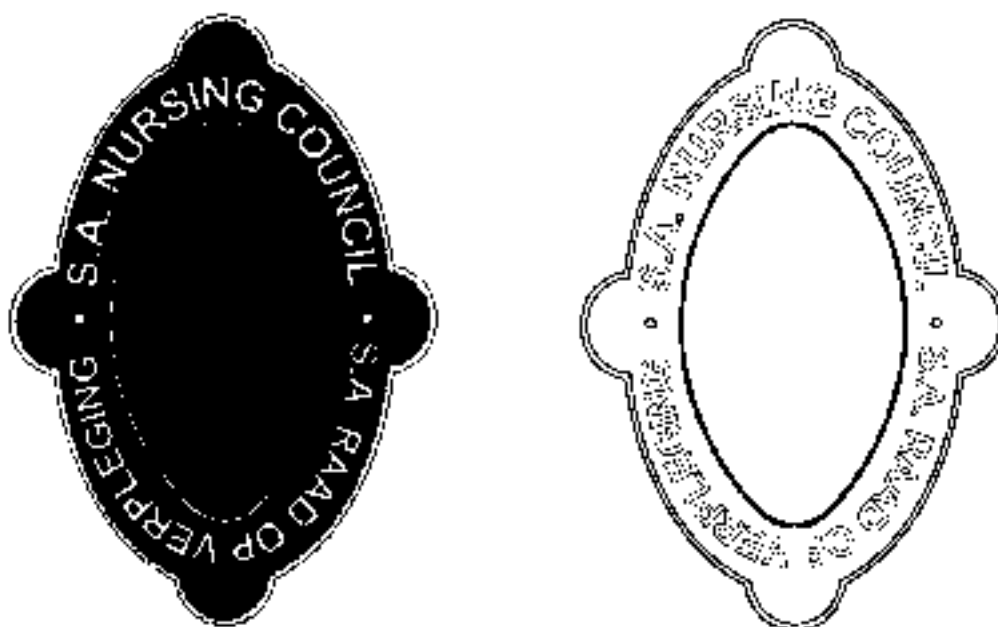


Figure 1 – Significant surface

Doc. No	Date	Responsibility	Version	Page
SANC 002	November 2019	SANC	V01.0	Page 3 of 17



Figure 2 – Reverse of badge

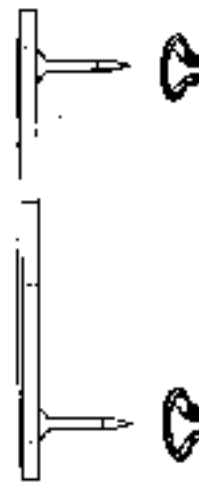


Figure 3 – Side view with clutches

6. Component requirements

6.1 Base material

- made of brass that comply with the relevant requirements of Type Designation CZ101 (90/10 brass), condition ½ Hard, of SANS 1303-1
- of nominal thickness 1.5 mm

6.2 Prongs

- made from cold drawn bright nickel silver or brass wire
- hard, silver soldered or fusion welded to the back surface of the badge, prior to polishing or plating
- of nominal dimensions to be as given in figure 4
- shall have one or more grooves or serrations on the pointed end as to allow effective engagement of the clutch
- sharp point shall be free from burrs
- any distortion of the prongs shall be rectified during soldering
- all soldering shall be clean, strong, smooth and free from flux and excess soldering

NOTE: The type of soldering used shall depend on the base material of the prongs.

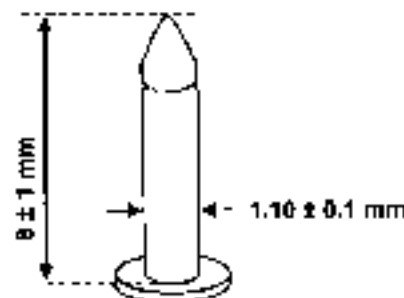


Figure 4 – Finished dimensions of prongs

Doc. No	Date	Responsibility	Version	Page
SANC 002	November 2018	SANC	V01.0	Page 4 of 17

6.3 Clutches

- ✦ acceptable metal clutches that shall be finished in such a way that it shall render a corrosion resistant product (nickel plated)
- ✦ to be such as to permit full and secure engagement of the prong
- ✦ dimensions to be fit for purpose
- ✦ a typical example of a suitable clutch design is given in figure 5



Figure 5 – Example of a suitable metal clutch

6.4 Instruction leaflet

- ✦ see Annex A

7. Design and construction of badge

7.1 General

- ✦ be a single badge
- ✦ be die-stamped with a flat back
- ✦ be made of brass plate as given in paragraph 6.1
- ✦ have explicit detail
- ✦ to incorporate the following design elements (see figure 1):
 - an inner oval
 - inner oval to be colour filled (painted) as given in table 2
 - oval to have a nickel outline of nominal thickness 0.3 mm
 - an outer oval enclosing the inner oval
 - outer oval to be colour filled (painted) as given in table 2
 - outer oval to have a nickel outline of nominal thickness 0.5 mm
 - the wording "S.A. RAMD OP VERPLEGING" along the one side and "S.A. NURSING COUNCIL" at the opposite side, separated by points
 - all letters, points and fullstops to be in nickel
 - all letters to be capital letters and all words shall be evenly spaced
 - all words shall be legible and clear
- ✦ to be electroplated with nickel (see paragraph 11.2)
- ✦ the reverse of the badge shall incorporate the relevant manufacture's identification markings (for traceability)
- ✦ fitted with two prongs attached to the reverse of the badge

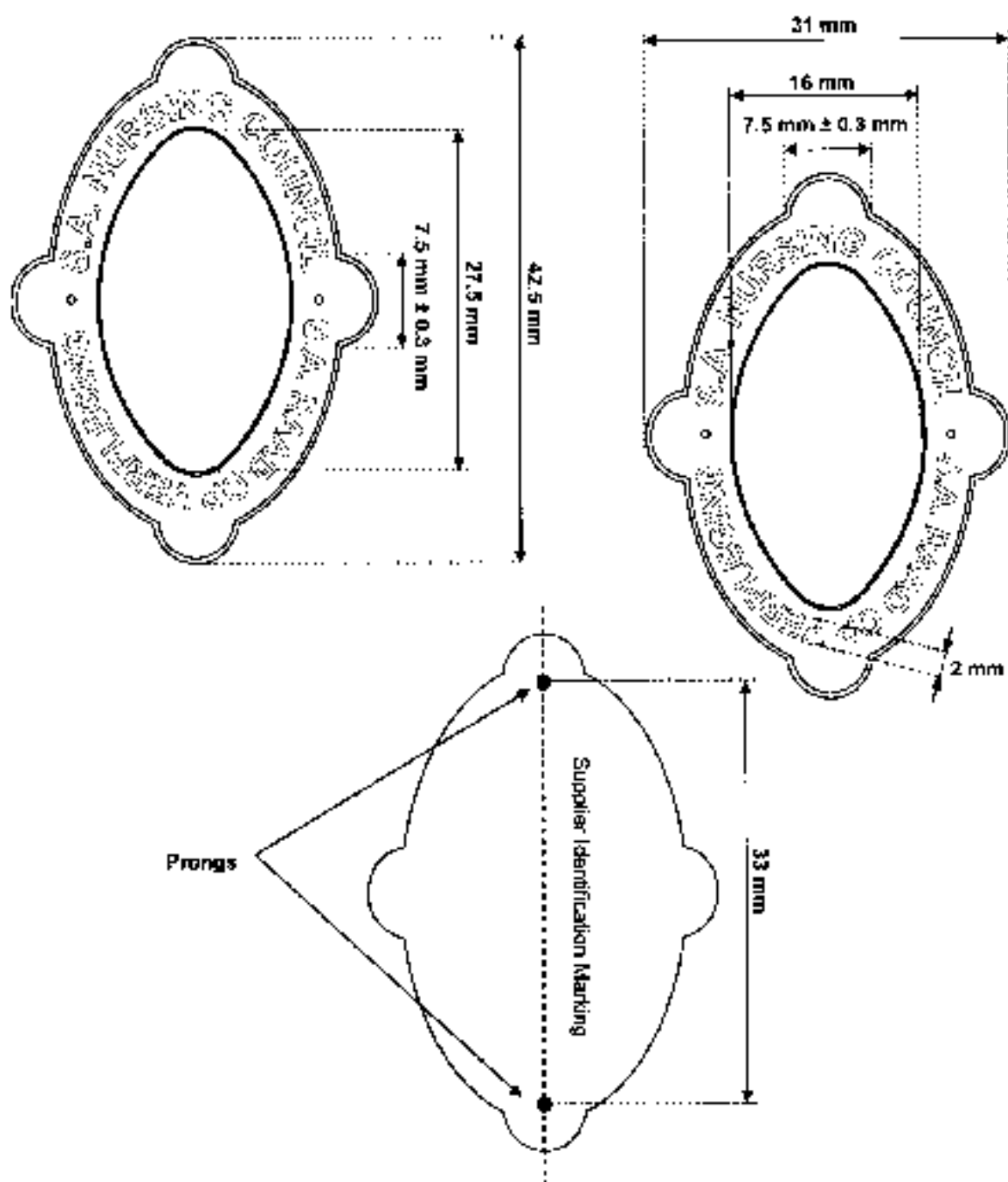
Doc. No.	Date	Responsibility	Version	Page
SANC 002	November 2019	SANC	V01.0	Page 5 of 17

- hard or silver soldered to the back
 - type of soldering used shall depend on the base material of the pin
 - to comply with the requirements as specified in paragraph 5.2
 - be positioned as given in section 8
 - the positioning of the prongs has to be exact to ensure it aligns with the laser-cut holes in the epaulette stiffener (see Annex A)
- be supplied with two clutches that comply with the requirements as specified in paragraph 6.3
 - to comply with the design as given in figures 1 to 3
 - to comply with the dimensions as given in section 8
 - the badge shall be completely covered with clear epoxy coating that shall comply with the requirements as given in paragraph 11.3

Doc. No	Date	Responsibility	Version	Page
SANC 002	November 2019	SANC	V01.0	Page 6 of 17

8. Dimensions

Illustrations are not to scale and all measurements given are nominal, unless otherwise stated.











NOTE: The positioning of the prongs has to be exact to ensure it aligns with the laser-cut holes in the epaulette stiffener (see Annex A).

Doc. No	Date	Responsibility	Version	Page
SANC 002	November 2019	SANC	V01.0	Page 7 of 17

9. Application of paint/plating

NOTE - The black colour-filled areas indicate the application of the relevant paint/plating on the significant surface. The colours below are given for guidance only, with the understanding that the successful bidder shall match the colours to the actual master samples held by SANC.

Table 2 - Application of paint/plating

	 Nickel plating
	 Colour No.F02 of SANS 1091 "Oxford blue"
	 Colour No.A03 of SANS 1091 "Crimsean"
	 Epoxy coating

Doc. No	Date	Responsibility	Version	Page
SANC 002	November 2019	SANC	V01.0	Page 8 of 17

10. Workmanship

Each badge shall be:

- ♦ die-cut, made and finished with acceptable standards throughout
- ♦ of uniform and acceptable make, colour and finish

Shall be free from defects that:

- ♦ affect their appearance
- ♦ affect their serviceability (or both)

The badge shall be free from:

- ♦ burrs, rough or sharp edges
- ♦ surface blemishes

The soldering shall be:

- ♦ clean
- ♦ strong
- ♦ smooth
- ♦ free from flux and excess soldering

11. Finishing

11.1 Polishing

The polishing shall:

- ♦ be carried out prior to the plating of the badges
- ♦ be carried out until an acceptable smooth and even surface is obtained
- ♦ not cause any loss of definition of the design

11.2 Nickel plating

The significant surface as well as the reverse and prongs of the badges shall be electroplated with nickel.

The nickel coating shall:

- ♦ be electroplated with a uniform deposit
- ♦ have a bright finish
- ♦ nickel plating to comply with the requirements as given in SANS 136:1988/ISO 1458:1988
- ♦ have no contact marks from the electroplating process
- ♦ render a clean surface

Doc. No	Date	Responsibility	Version	Page
SANC 002	November 2019	SANC	V01.0	Page 9 of 17

- adhere firmly to the base metals
- when viewed at a distance of 350 mm, be free from the following defects
 - blisters
 - pits
 - roughness
 - cracks
 - stains
 - discolouration
 - mechanical damage

The thickness of the coating shall be:

- 5µm at any point

11.3 Painting and epoxy-coating

The paint and epoxy coating shall:

- be heat resistant
- non-fading
- paint to be of the enamel type
- be an acceptable match to the colours as given in table 2
- be confined to the areas prescribed by the design as given in table 2
- be covered with epoxy coating
 - be an acceptable clear epoxy resin that does not result in excessive doming after application
 - be of acceptable hardness
 - care shall be taken not to overfill the prescribed area in order to ensure that the badge is as flat as possible after application
- when viewed at a distance of 350 mm, be free from the following defects (applicable to the paint and epoxy coating): bubbles, spots, inclusions, cracks, crazing

Doc. No	Date	Responsibility	Version	Page
SANC 002	November 2019	SANC	V01.0	Page 10 of 17

12. Packing and marking

12.1 Packing

12.1.1 The badges shall be:

- delivered in a commercially dry condition
- so packed that they will not be damaged in transit or in storage
- packed as given in table 3

Table 3 – Packaging of badges

1		2
PACKAGING MATERIAL ^a		CONTAINING ^b
A.	Small plastics envelope with a pull and press opening and closure	a) Two badges with two clutches b) Instruction leaflet as given in Annex A
B.	Bulk plastics envelopes with a pull and press opening	Appropriate number of envelopes as given in A above (all bulk plastic envelopes to contain the same amount of badges)
C.	Bulk container for transit to have a maximum gross mass of 25 kg when packed ^c .	Bulk plastics envelopes as given in B above
^a Of suitable size and shape. ^b Of the same type and item number. ^c Each bulk container for transit shall house the same amount of badges per consignment. The total bulk container per consignment may contain QUANTITIES that deviate from the prescribed amount of badges. If this is the case, the supplier will mark this container with a clearly visible red sticker at each outer end of the lid for easy identification.		

12.2 Marking

12.2.1 Small plastics envelope (see A in table 3)

Each small plastics envelope to be clearly marked with the following information:

- the Item Description as given in Table 1
- the Item Number (only if supplied)
- the year of manufacture
- the manufacturer's name or trademark

12.2.2 Bulk plastics envelope (see B in table 3)

Each bulk plastics envelope to be clearly marked with the following information:

- the Item Description as given in Table 1
- the Item Number (only if supplied)
- the year of manufacture
- the manufacturer's name or trademark
- the quantity (number of pairs)

12.2.3 Bulk containers (see C in table 3)

Each bulk container to have a label securely attached to the outside visible when the containers are stacked and providing the following information in legible and indelible marking:

Doc. No	Date	Responsibility	Version	Page
SANG 002	November 2018	SANG	V01.0	Page 11 of 17

- the manufacturer's name or trade mark or both
- the item description as given in Table 1
- the quantity (number of pairs)
- the year of manufacture
- the mass of the packed container
- the Item Number (only if available)
- the number of containers, e.g. 1 of 6

12.3 Additional marking

When so required by the South African Nursing Council, badges, small plastic envelopes, bulk packets envelopes or bulk containers (or any combination of these) to bear information additional to that specified above e.g. the inclusion of bar-coding.

13. Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this specification. All standards are subject to revision and, since any reference to a standard is deemed to be a reference to the latest edition of a standard, parties to agreements based on this specification are encouraged to take steps to ensure the use of the most recent editions of the standards indicated below. Information on currently valid national and international standards may be obtained from SABS¹.

BS 6001-1:1991, *Sampling Procedures for Inspection by Attributes – Part 1: Sampling schemes indexed by acceptable quality limit (AQL) for lot-by-lot inspection*.

SANS 136:1988/ISO 1458:1988, *Metallic coatings • Electrodeposited coatings of nickel*.

SANS 1303-1, *Wrought copper alloys Part 1. Chemical composition of copper-zinc alloys (non-lead and leaded)*.

SANS 1091, *National colour standard*

14. Additional conditions of bid

See Annex B.

15. Sampling and compliance with the specification

See Annex C.

ANNEX A

(Normative)

Instruction leaflet with actual size templates

NOTE: Illustrations are not to scale.

A.1 Paper requirements

- paper to be of nominal mass 80 g/m²
- colour to be white

A.2 Printing requirements

- colour to be black
- markings to outlast the shelf life of the relevant procured item

A.3 Printed information

- each instruction leaflet shall incorporate TWO TEMPLATES TO SCALE
 - the finished dimensions of the template and prong markings shall comply with those given in figure A1
 - the template markings shall correspond perfectly with the holes in the stiffener of the epaulettes
 - the circular markings shall be of nominal diameter 2 mm
- each instruction leaflet shall incorporate text that shall explain how to use the templates
- an example of the instruction leaflet is given in Figure A2

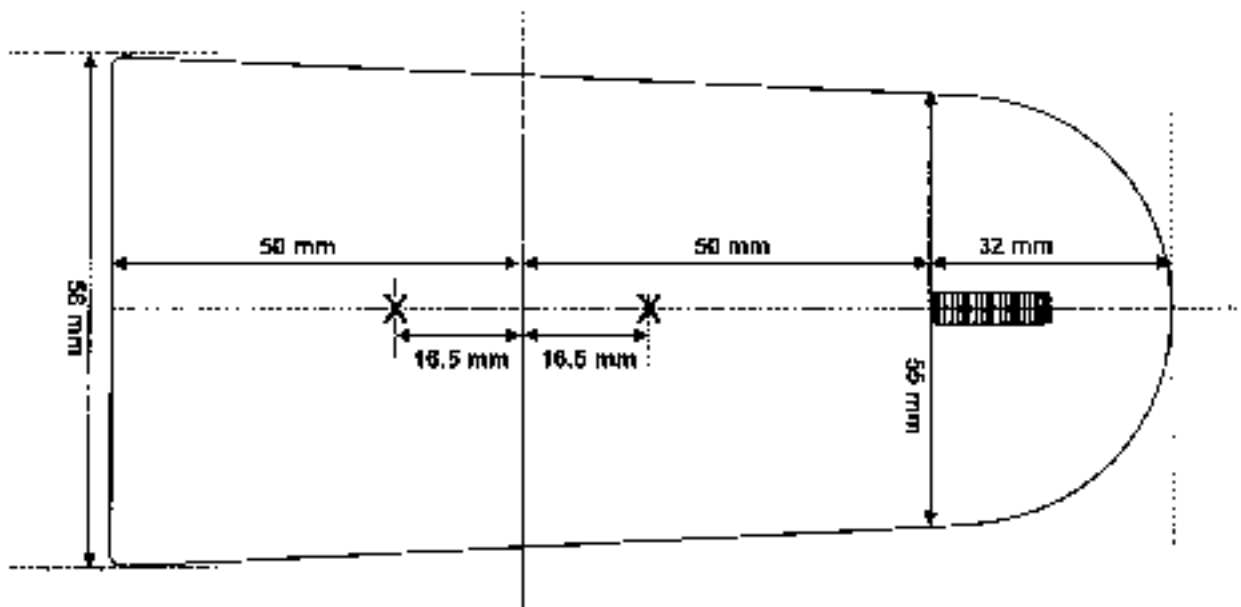


Figure A1 – Outer dimensions and positioning of markings on template (indicating the prong position of an enrolled nurse's badge)

Doc. No	Date	Responsibility	Version	Page
SANC 002	November 2019	SANC	V01.0	Page 13 of 17

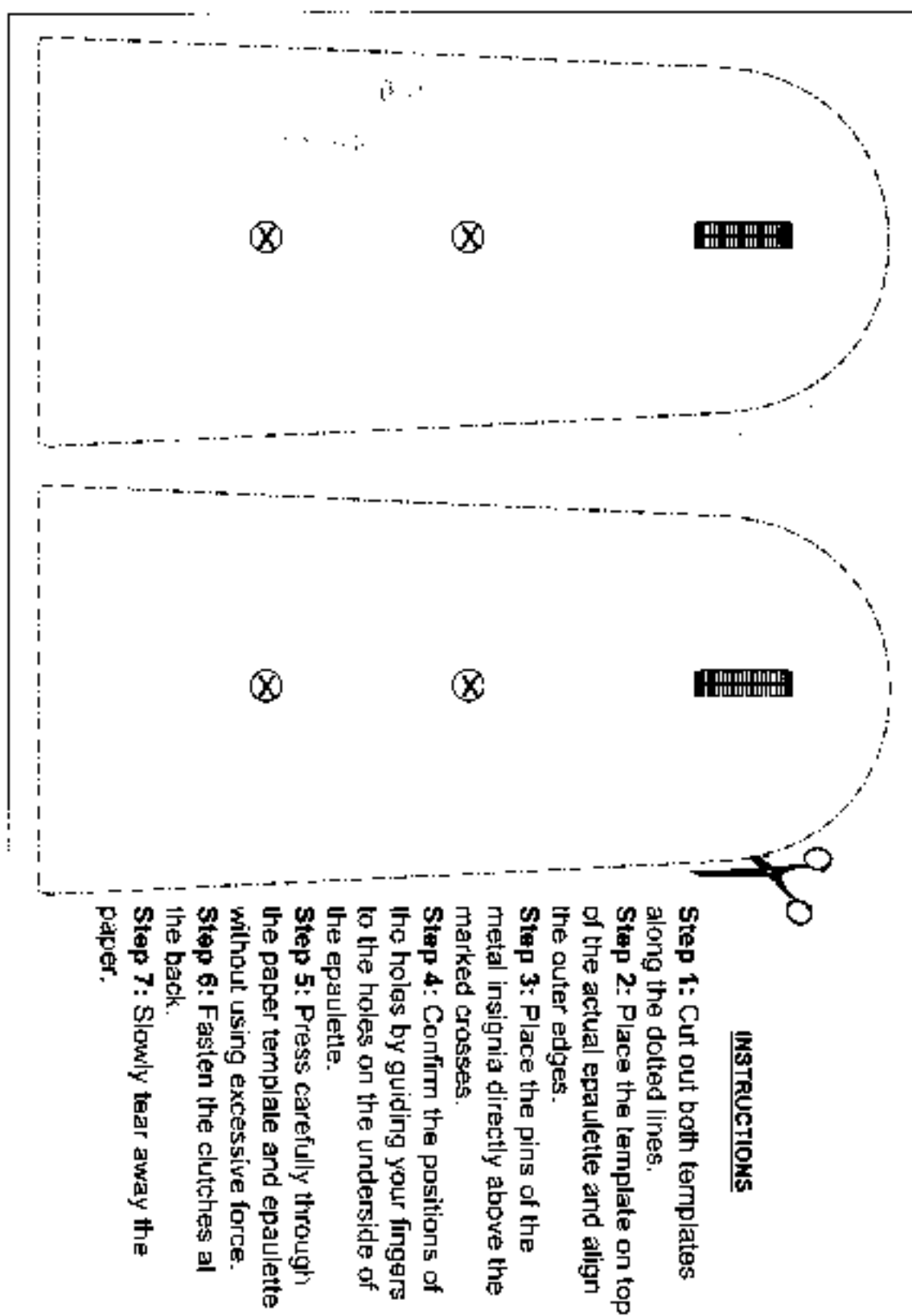


Figure A2 – Example of instruction leaflet and included templates (templates to be to scale).

Doc. No	Date	Responsibility	Version	Page
SANC 002	November 2019	SANC	V01.0	Page 14 of 17

ANNEX B

(Normative)

Additional conditions of bid

- B-1** Unless otherwise stated, the South African Nursing Council or an appointed SANAS accredited inspection body shall be the inspecting authority

B-2 STANDARD SAMPLES, PRE-PRODUCTION STAMPINGS

B-2.1 GENERAL PROCEDURE

B-2.1.1 Plaster models/Computer generated designs and lead impressions

When a new design of the badge is required or when a new hob or die has to be made, a plaster/computer generated design shall have been made and approved by the South African Nursing Council before the die is cut for the production of lead impressions. Two lead impressions shall then be submitted to the South African Nursing Council for approval. When any change to an existing hob or die has been made, two lead impressions shall be submitted to the South African Nursing Council, for approval.

B-2.1.2 Pre-production samples

Written approval of lead impressions will be sent to the manufacturer, who, on receipt of approval, may produce the 3 pre-production samples that are, after approval, to become standard samples.

B-2.2 STANDARD SAMPLES

In the case of new designs, or where any change has been made to the design of the hob or die, or when called for by the South African Nursing Council, three standard samples shall be submitted to the Inspection authority for approval, prior to production being commenced by the manufacturer. Each of these samples shall conform exactly in detail, colour, form and finish to the badges that are to be manufactured during production. Each sample will be mounted on a card (of suitable size) that is sealed and signed by the Inspection authority. On approval by the inspecting authority, the three pre production samples will become standard samples and the cards will be treated as follows:

Note: Approval of this sample will not involve any property that requires assessment by a destructive test, but will be limited to approval of construction, design, colour dimensions, polish and general finish.

- 1) Sample 1 will be permanently retained by the South African Nursing Council as master samples,
- 2) Sample 2 will be permanently retained by the Inspection Authority
- 3) Sample 3 will be sent by the Inspection Authority to the successful bidder who shall associate this sample with the order for the badge(s) required. A manufacturer shall not commence production until the third sample has been received from the Inspection Authority

Doc. No	Date	Responsibility	Version	Page
SANC 002	November 2018	SANC	V01.0	Page 15 of 17

B-3 INSPECTIONS AND TESTING

- B-3.1 The badges 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 badges supplied to this specification may be in progress.
- B-3.2 The contractor shall inspect the finished badges for compliance with the specification before submitting them to the inspecting authority for final inspection.
- B-3.3 Before acceptance, the badges shall have been inspected and tested by the inspecting authority and found to comply with the requirements of the specification.

B-4 DOCUMENTATION

One container of each consignment shall be marked 'DOCUMENTS' and in addition to the badges, 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:
 - 1. The order number
 - 2. The financial authority number.
 - 3. A full description of the consignment, i.e. item number, quantity, etc.

Doc No	Date	Responsibility	Version	Page
SANC 002	November 2019	SANC	V01.0	Page 16 of 17

ANNEX C

(Normative)

Sampling and compliance with the specification

C-1 Sampling

C-1.1 Sample for inspection

From the lot, draw at random the number of badges shown in column 2 of table C.1, relative to the appropriate lot size given in column 1.

C-1.2 Sample for testing

From the lot, or after inspection, from the samples drawn in accordance with C-1.1 above, draw at random the appropriate number of badges as relevant, shown in column 4 of table C.1.

C-2 Compliance with the specification

C-2.1 The lot shall be deemed to comply with the requirements of the specification if:

C-2.1.1 on inspection of the sample taken in accordance with C-1.1, the number of defectives found does not exceed the appropriate acceptance number given in column 3 of table C.1;

C-2.1.2 on testing the sample taken in accordance with C-1.2, no defectives are found.

Table C.1 - Lot sizes of badges

1	2	3	4
Lot size	Sample for inspection ¹⁾	Acceptance No (AQL = 1.0)	Sample for testing ²⁾
	Sample size		
25 - 90	8	0	3
91 - 280	32	1	3
281 - 500	50	2	5
501 - 1200	80	3	5
1201 - 3200	125	5	8
3201 - 10 000	200	7	8
10 001 - 35 000	315	10	13
35 001 - 150 000	500	14	20

Note: AQL = Acceptance Quality Limit

¹⁾ Based on table II-A of BS 6001 for general inspection level II.

²⁾ Based on table II-A of BS 6001 for special inspection level S-2

For office use only		
HISTORY SHEET		
VERSION	DATE	AMENDMENTS/HISTORY
00.1	August 2019	First draft
00.2	August 2019	Change laser hole to have a 2 mm diameter Change instructions on instruction leaflet. Change description of epoxy coating Add reference to laser welding as an option to add the pins
00.3	August 2019	Change scope. Change markings on packaging Add reference to possible laser coding
01.0	November 2019	Add note that pertains to colours since the SANS 1091 colours could not be confirmed by manufacturers. First release

Doc. No	Date	Responsibility	Version	Page
SANC 002	November 2019	SANC	VC1.0	Page 17 of 17

PRIVATE SPECIFICATION

Prepared for the



South African Nursing Council
Regulating nursing education for the public

Metal Badge, Council



SANC 005

Version 01.0/November 2019

1. Scope

This specification covers the material and design of metal badges issued by the South African Nursing Council and worn by registered nursing category.

2. Definitions

For the purposes of this specification, the following definitions apply:

Acceptable:	acceptable to the South African Nursing Council
Defective:	a badge that fails in one or more respects to comply with the relevant requirements of this specification
A Lot:	not less than 25 and not more than 150 000 badges of the same type, item number, finish and style, from one manufacturer, submitted any one time for inspection and testing
Nominal:	subject to the tolerances normal to good manufacturing practice.
SANS:	South African National Standard
Significant surface:	the visible face side of the badge, when the badge is attached to the relevant uniform item
TBD:	to be determined


3. Client Furnished Materials

No component materials, hobs, dies or tools will be supplied by the South African Nursing Council.

4. Item Number

Table 1 – Item Number

NOTE: These items shall be supplied in pairs.

1	2	3
Item Number	Item description	Illustration
TBD	Metal Badge, Council	

Doc. No	Date	Responsibility	Version	Page
SANC-006	November 2019	SANC	V01.0	Page 2 of 16

5. Illustrations

Illustrations are not to scale and all measurements are nominal



Figure 1 – Significant surface

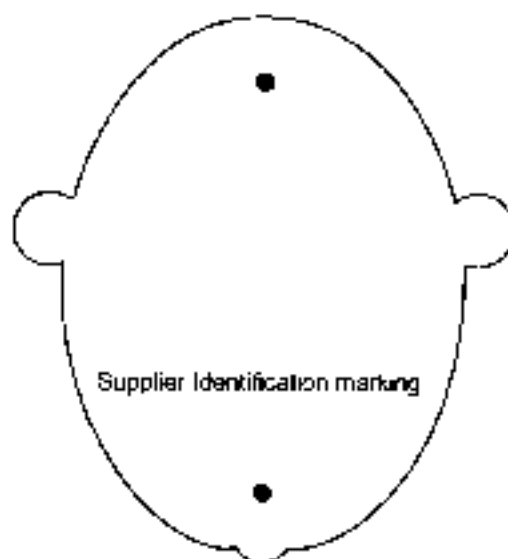


Figure 2 – Reverse of badge

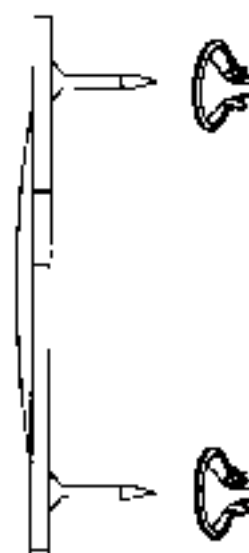


Figure 3 – Side view with clutches

Doc. No	Date	Responsibility	Version	Page
SANC 005	November 2013	SANC	V01.0	Page 3 of 16

6. Component requirements

6.1 Base material

- made of brass that comply with the relevant requirements of Type Designation C2101 (90/10 brass), condition 1/2 Hard, of SANS 1303-1
- of nominal thickness 1.5 mm

6.2 Prongs

- made from cold drawn bright nickel silver or brass wire
- hard, silver soldered or fusion welded to the back surface of the badge, prior to polishing or plating
- of nominal dimensions to be as given in figure 4
- shall have one or more grooves or serrations on the pointed end as to allow effective engagement of the clutch
- sharp point shall be free from burrs
- any distortion of the prongs shall be rectified during soldering
- all soldering shall be clean, strong, smooth and free from flux and excess soldering

NOTE- The type of soldering used shall depend on the base material of the prongs.

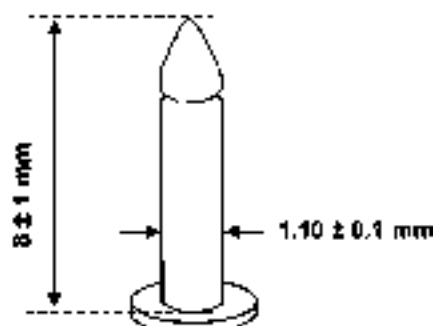


Figure 4 – Finished dimensions of prongs

6.3 Clutches

- acceptable metal clutches that shall be finished in such a way that it shall render a corrosion resistant product (nickel plated)
- to be such as to permit full and secure engagement of the prong
- dimensions to be fit for purpose
- a typical example of a suitable clutch design is given in figure 5



Figure 5 – Example of a suitable metal clutch

Doc. No	Date	Responsibility	Version	Page
SANC 005	November 2019	SANC	V01.0	Page 4 of 16

6.4 Instruction leaflet

- ♦ see Annex A

7. Design and construction of badge

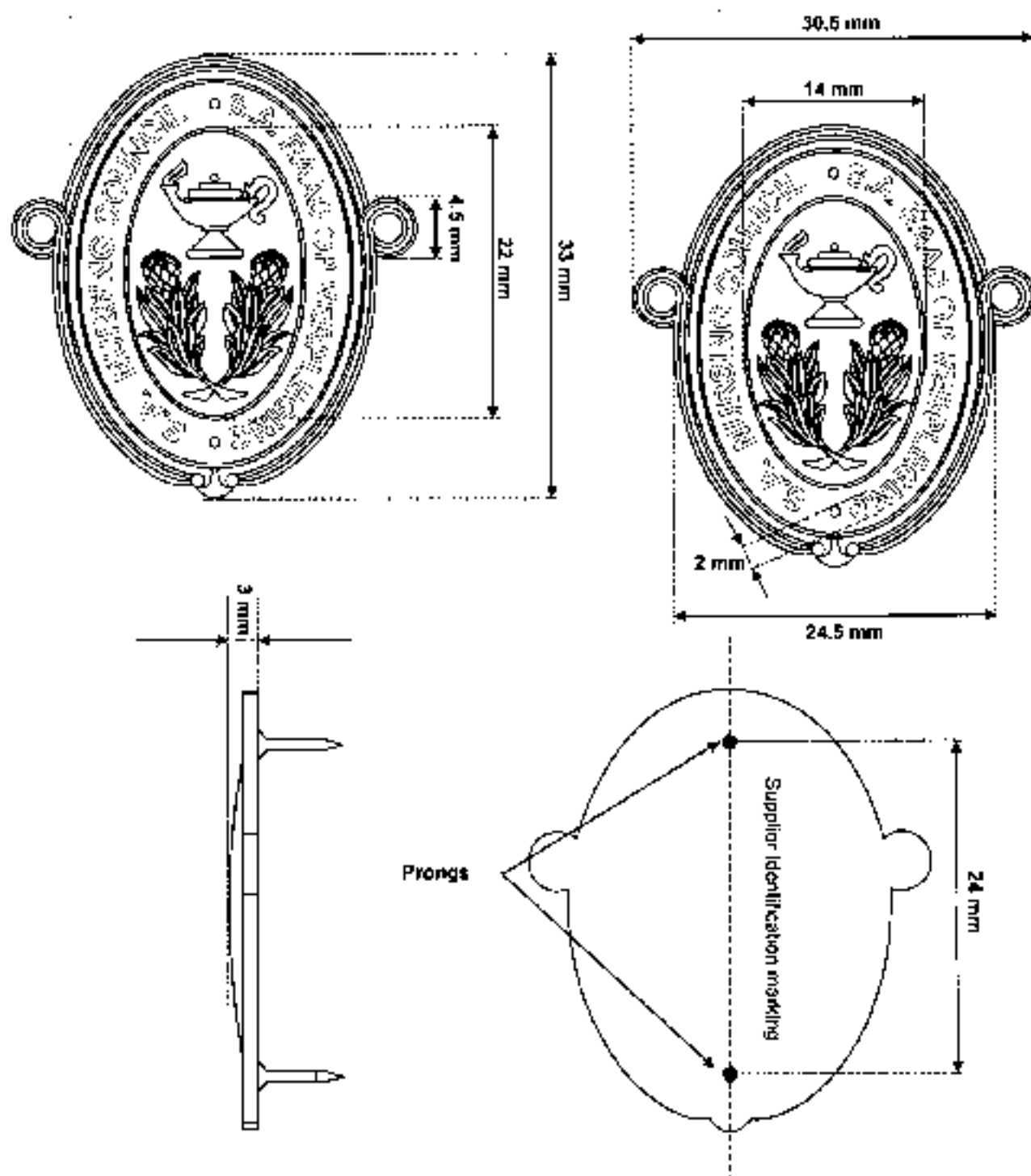
7.1 General

- ♦ be a single badge
- ♦ be die stamped
- ♦ be made of brass plate as given in paragraph 8.1
- ♦ have explicit detail
- ♦ to comply with the design as given in figures 1 to 3
- ♦ to comply with the dimensions as given in section 8
- ♦ to incorporate the following design elements (see figure 1):
 - an inner oval
 - inner oval to be slightly coned, standing proud of the rest of badge (see section 8)
 - inner oval to incorporate detailed elements such as protea flower wreaths and an oil lamp which shall be as given in figure 1
 - a middle oval ring enclosing the inner oval
 - middle ring to be colour filled (painted) as given in table 2
 - to incorporate the wording "S.A. RAAD OP VERPLEGING" along the one side and "S.A. NURSING COUNCIL" at the opposite side, separated by points
 - all letters, points and fullstops to be in nickel
 - all letters to be capital letters, words and points shall be evenly spaced
 - all words shall be legible and clear
 - to be covered with clear epoxy coating that shall comply with the requirements as given in paragraph 11.3
 - an outer decorative scroll
 - to comply with the design as given in figure 1
 - to incorporate matting behind the scroll lines
- ♦ to be electroplated with nickel (see paragraph 11.2) and finishes to be as given in table 2
- ♦ the reverse of the badge shall incorporate the relevant manufacturer's identification markings (for traceability)
- ♦ fitted with two prongs attached to the reverse of the badge
 - hard or silver soldered to the back
 - type of soldering used shall depend on the base material of the pin
 - to comply with the requirements as specified in paragraph 6.2
 - be positioned as given in section 8
 - the positioning of the prongs has to be exact to ensure it aligns with the laser-cut holes in the epaulette stiffener (see Annex A)
- ♦ be supplied with two clutches that comply with the requirements as specified in paragraph 6.3

Doc. No	Date	Responsibility	Version	Page
SANC 005	November 2019	SANC	V01.0	Page 5 of 16

8. Dimensions

Diagrams are not to scale and all measurements given are nominal, unless otherwise stated.











NOTE. The positioning of the prongs has to be exact to ensure it aligns with the laser-cut holes in the epaulette stiffener (see Annex A).

Doc No	Date	Responsibility	Version	Page
SANC 005	November 2019	SANC	v01.0	Page 8 of 16

9. Application of paint/plating

NOTE: The black colour-filled areas indicate the application of the relevant paint/plating on the significant surface. The colours below are given for guidance only, with the understanding that the successful bidder shall match the colours to the actual master samples held by SANC.

Table 2 – Application of paint/plating

	 Nickel plating (Bright)
	 Colour No.F04 of SANS 1091 "National Flag Blue"
	 Nickel plating with a surface interest (matting in die)
	 Epoxy coating

10. Workmanship

Each badge shall be:

- die-cut, made and finished with acceptable standards throughout
- of uniform and acceptable make, colour and finish

Shall be free from defects that:

- affect their appearance
- affect their serviceability (or both)

The badge shall be free from:

- burrs, rough or sharp edges
- surface blemishes

The soldering shall be:

- clean
- strong
- smooth
- free from flux and excess soldering

11. Finishing

11.1 Polishing

The polishing shall:

- be carried out prior to the plating of the badges
- be carried out until an acceptable smooth and even surface is obtained
- not cause any loss of definition of the design

11.2 Nickel plating

The significant surface as well as the reverse and prongs of the badges shall be electroplated with nickel.

The nickel coating shall:

- be electroplated with a uniform deposit
- have a bright finish
- nickel plating to comply with the requirements as given in SANS 130:1988/ ISO 1458:1988
- have no contact marks from the electroplating process
- render a clean surface

Doc. No	Date	Responsibility	Version	Page
SANC 005	November 2019	SANC	V01.0	Page 8 of 16

- adhere firmly to the base metals
- when viewed at a distance of 350 mm, be free from the following defects
 - blisters
 - pits
 - roughness
 - cracks
 - stains
 - discolouration
 - mechanical damage

The thickness of the coating shall be:

- 5µm at any point

11.3 Painting and epoxy-coating

The paint and epoxy coating shall:

- be heat resistant
- non-fading
- paint to be of the enamel type
- be an acceptable match to the colours as given in table 2
- be confined to the areas prescribed by the design as given in table 2
- be covered with an acceptable epoxy coating
 - be of acceptable hardness
- when viewed at a distance of 350 mm, be free from the following defects (applicable to the paint and epoxy coating): bubbles, spots, inclusions, cracks, crazing

Doc. No	Date	Responsibility	Version	Page
SANC 005	November 2019	SANC	V01.0	Page 9 of 16

12. Packing and marking

12.1 Packing

12.1.1 The badges shall be:

- delivered in a commercially dry condition
- so packed that they will not be damaged in transit or in storage
- packed as given in table 3

Table 3 – Packaging of badges

1		2
PACKAGING MATERIAL ^a		CONTAINING ^b
A.	Small plastics envelope with a pull and press opening and closure	a) Two badges and two clutches b) Instruction sheet as given in Annex A
B.	Bulk plastics envelopes with a pull and press opening	Appropriate number of envelopes as given in A above (all bulk plastic envelopes to contain the same amount of badges)
C.	Bulk container for transit to have a maximum gross mass of 25 kg when packed ^c .	Bulk plastics envelopes as given in A above
^a Of suitable size and shape. ^b Of the same type and item number. ^c Each bulk container for transit shall house the same amount of badges per consignment. The last bulk container per consignment may contain QUANTITIES that deviate from the prescribed amount of badges. If this is the case, the supplier will mark this container with a clearly visible red sticker at each outer end of the lid for easy identification.		

12.2 Marking

12.2.1 Small plastics envelope (see A in table 3)

Each small plastics envelope to be clearly marked with the following information:

- the Item Description as given in Table 1
- the Item Number (only if supplied)
- the year of manufacture
- the manufacturer's name or trademark

12.2.2 Bulk plastics envelope (see B in table 3)

Each bulk plastics envelope to be clearly marked with the following information:

- the Item Description as given in Table 1
- the Item Number (only if supplied)
- the year of manufacture
- the manufacturer's name or trademark
- the quantity (number of pairs)

12.2.3 Bulk containers (see C in table 3)

Each bulk container to have a label securely attached to the outside visible when the containers are stacked and providing the following information in legible and indelible marking:

Doc. No	Date	Responsibility	Version	Page
SANC 005	November 2019	SANC	V01.0	Page 10 of 16

- the manufacturer's name or trade mark or both
- the item description as given in Table 1
- the quantity (number of pairs)
- the year of manufacture
- the mass of the packed container
- the Item Number (only 1 available)
- the number of containers, e.g. 1 of 6

12.3 Additional marking

When so required by the South African Nursing Council, badges, small plastic envelopes, bulk plastic envelopes or bulk containers (or any combination of these) to bear information additional to that specified above e.g. the inclusion of bar-coding.

13. Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this specification. All standards are subject to revision and, since any reference to a standard is deemed to be a reference to the latest edition of a standard, parties to agreements based on this specification are encouraged to take steps to ensure the use of the most recent editions of the standards indicated below. Information on currently valid national and international standards may be obtained from SABS¹.

BS 6001-1:1991, *Sampling Procedures for inspection by Attributes – Part 1 Sampling schemes indexed by acceptable quality limit (AQL) for lot by-lot inspection*.

SANS 136:1988/ISO 1458:1988, *Metallic coatings – Electrodeposited coatings of nickel*.

SANS 1303-1, *Wrought copper alloys Part 1 Chemical composition of copper-zinc alloys (non-lead and leaded)*.

SANS 1091, *National colour standard*.

14. Additional conditions of bid

See Annex B.

15. Sampling and compliance with the specification

See Annex C.

¹ SABS: Tel. +27 (0) 12 4287911

Doc. No.	Date	Responsibility	Version	Page
SANC 005	November 2019	SANC	V01.0	Page 11 of 16

ANNEX A

(Normative)

Instruction leaflet with actual size templates

NOTE: Illustrations are not to scale.

A.1 Paper requirements

- paper to be of nominal mass 80 g/m²
- colour to be white

A.2 Printing requirements

- colour to be black
- markings to outlast the shelf life of the relevant procured item

A.3 Printed information

- each instruction leaflet shall incorporate TWO TEMPLATES TO SCALE
 - the finished dimensions of the template and prong markings shall comply with those given in figure A1
 - the template markings shall correspond perfectly with the holes in the stiffener of the epaulettes
 - the circular markings shall be of nominal diameter 2 mm
- each instruction leaflet shall incorporate text that shall explain how to use the templates
- an example of the instruction leaflet is given in Figure A2

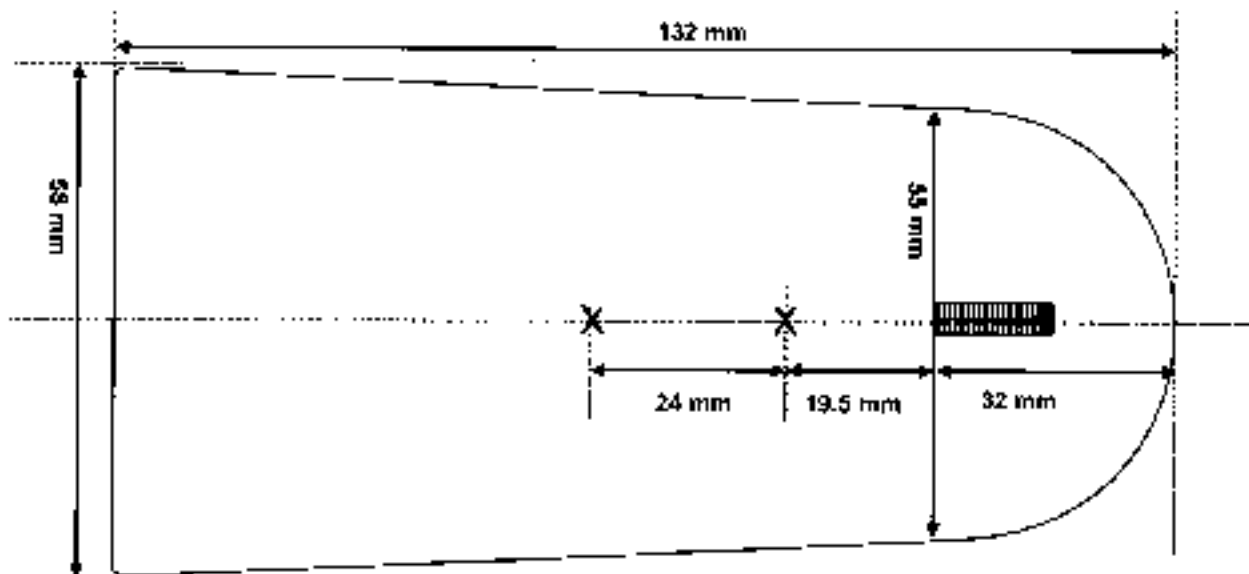


Figure A1 – Outer dimensions and positioning of markings on template (indicating the prong position of the Council badge)

Doc. No	Date	Responsibility	Version	Page
SANC 005	November 2019	SANC	V01.0	Page 12 of 16

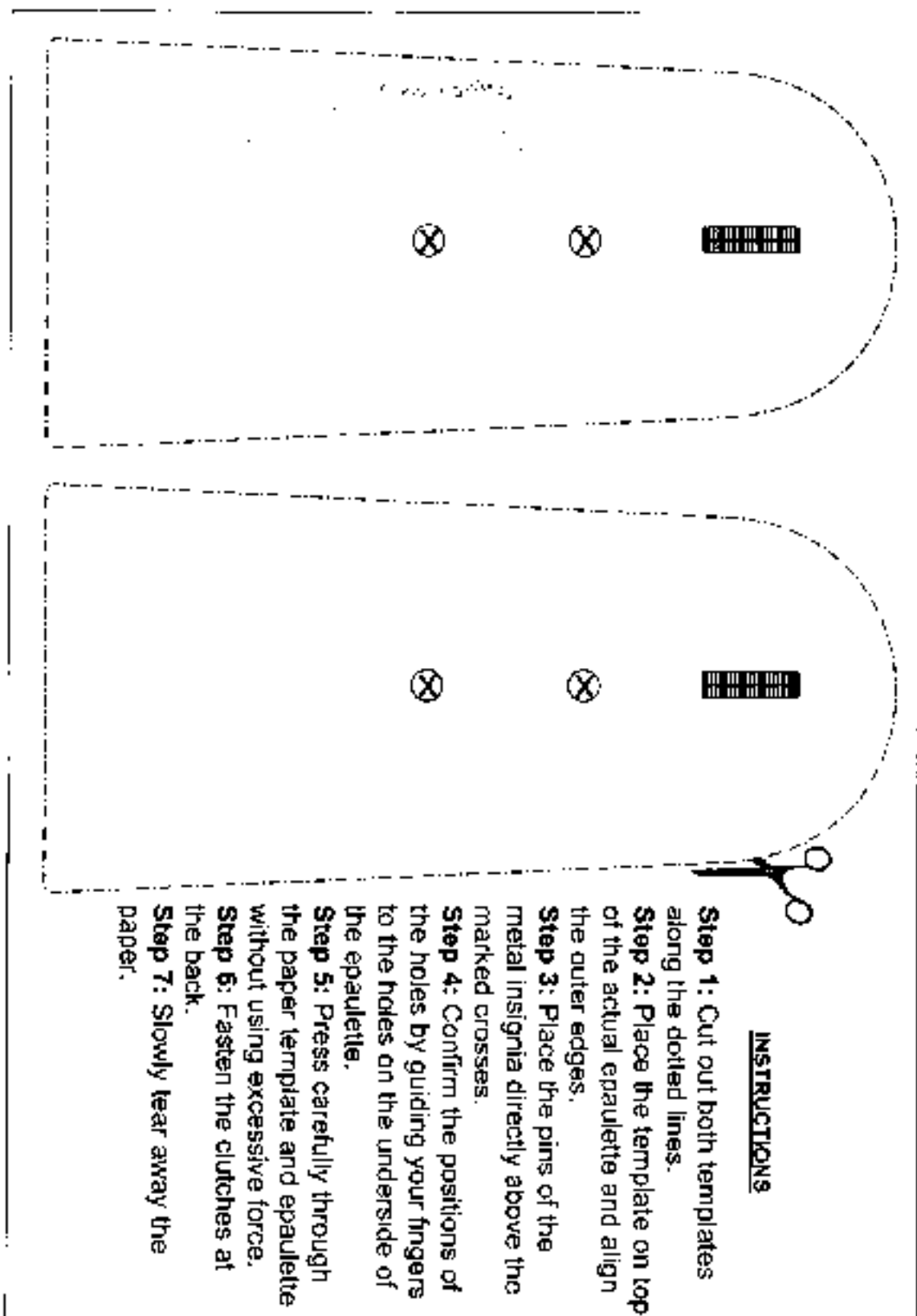


Figure A2 – Example of instruction leaflet and included templates (templates to be to scale).

Doc. No	Date	Responsibility	Version	Page
SANC 005	November 2019	SANC	V01.0	Page 13 of 16

ANNEX B

(Normative)

Additional conditions of bid

- B-1** Unless otherwise stated, the South African Nursing Council or an appointed SANAS accredited inspection body shall be the inspecting authority.

B-2 STANDARD SAMPLES, PRE-PRODUCTION STAMPINGS

B-2.1 GENERAL PROCEDURE

B-2.1.1 *Plaster models/Computer generated designs and lead Impressions*

When a new design of the badge is required or when a new hob or die has to be made, a plaster/computer generated design shall have been made and approved by the South African Nursing Council before the die is cut for the production of lead Impressions. Two lead impressions shall then be submitted to the South African Nursing Council for approval. When any change to an existing hob or die has been made, two lead impressions shall be submitted to the South African Nursing Council for approval.

B-2.1.2 *Pre-production samples*

Written approval of lead Impressions will be sent to the manufacturer, who, on receipt of approval, may produce the 3 **pre-production** samples that are, after approval, to become standard samples.

B-2.2 STANDARD SAMPLES

In the case of new designs, or where any change has been made to the design of the hob or die, or when called for by the South African Nursing Council, three standard samples shall be submitted to the Inspection authority for approval prior to production being commenced by the manufacturer. Each of these samples shall conform exactly in detail, colour, form and finish to the badges that are to be manufactured during production. Each sample will be mounted on a card (of suitable size) that is sealed and signed by the inspection authority. On approval by the inspecting authority, the three pre-production samples will become standard samples and the cards will be treated as follows:

Note: Approval of this sample will not involve any property that requires assessment by a destructive test, but will be limited to approval of construction, design, colour, dimensions, polish and general finish.

- 1) Sample 1 will be permanently retained by the South African Nursing Council as master samples;
- 2) Sample 2 will be permanently retained by the Inspection Authority;
- 3) Sample 3 will be sent by the Inspection Authority to the successful bidder, who shall associate this sample with the order for the badge(s) required. A manufacturer shall not commence production until the third sample has been received from the Inspection Authority.

Doc. No	Date	Responsibility	Version	Page
SANC 005	November 2019	SANC	V01.0	Page 14 of 16

B-3 INSPECTIONS AND TESTING

- B-3.1** The badges 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 whose work on badges supplied to this specification may be in progress.
- B-3.2** The contractor shall inspect the finished badges for compliance with the specification before submitting them to the inspecting authority for final inspection.
- B-3.3** Before acceptance, the badges shall have been inspected and tested by the inspecting authority and found to comply with the requirements of the specification.

B-4 DOCUMENTATION

One container of each consignment shall be marked "DOCUMENTS" and in addition to the badges, 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:
 - 1. The order number
 - 2. The financial authority number.
 - 3. A full description of the consignment, i.e. item number, quantity, etc.

Doc. No	Date	Responsibility	Version	Page
SANC 005	November 2019	SANC	V01.0	Page 15 of 16

ANNEX C

Sampling and compliance with the specification (Normative)

Sampling and compliance with the specification

C-1 Sampling

C-1.1 Sample for inspection

From the lot, draw at random the number of badges shown in column 2 of table C.1, relative to the appropriate lot size given in column 1.

C-1.2 Sample for testing

From the lot, or after inspection, from the samples drawn in accordance with C-1.1 above, draw at random the appropriate number of badges as relevant, shown in column 4 of table C.1.

C-2 Compliance with the specification

C-2.1 The lot shall be deemed to comply with the requirements of the specification if:

C-2.1.1 on inspection of the sample taken in accordance with C-1.1, the number of defectives found does not exceed the appropriate acceptance number given in column 3 of table B.1;

C-2.1.2 on testing the sample taken in accordance with C-1.2, no defectives are found.

Table C.1 - Lot sizes of badges

Lot size	2	3	4
	Sample for inspection ¹	Sample for testing ²	
	Sample size	Acceptance No. (AQL = 1.5)	
25 - 90	8	0	3
91 - 280	32	1	3
281 - 500	50	2	5
501 - 1200	80	3	5
1201 - 3200	125	5	8
3201 - 10 000	200	7	8
10 001 - 35 000	315	10	13
35 001 - 150 000	500	14	20

Note: AQL = Acceptance Quality Limit

¹ Based on table II-A of BS 6001 for general inspection level II.

² Based on table II-A of BS 6001 for special inspection level S-2.

For office use only				
HISTORY SHEET				
VERSION	DATE	AMENDMENTS/HISTORY		
00.1	August 2019	First draft		
00.2	August 2019	Change laser hole to have a 2 mm diameter Change instructions on instruction leaflet Add reference to 'laser marking' as an option to add the pins		
00.3	August 2019	Change scope; Change markings on packaging		
01.3	November 2019	Add note that pertains to colours since the colours references could not be confirmed by manufacturers. First release		
Doc. No	Date	Responsibility	Version	Page
SAN-C-005	November 2019	SANC	V01.0	Page 16 of 16

PRIVATE SPECIFICATION

Prepared for the



South African Nursing Council
Regulating nursing and protecting the public

Metal Bars, Various Specialities

SANC 004

Version 01.0/November 2019

1. Scope

This specification covers the material and design of metal bars issued by the South African Nursing Council and worn by registered nursing categories (various specialities)

2. Definitions

For the purposes of this specification, the following definitions apply:

Acceptable:	acceptable to the South African Nursing Council
Defective:	a bar that fails in one or more respects to comply with the relevant requirements of this specification
A Lot:	not less than 25 and not more than 150 000 bars of the same type, item number, finish and style, from one manufacturer, submitted any one time for inspection and testing
Nominal:	subject to the tolerances normal to good manufacturing practice.
SANS-	South African National Standard
Significant surface:	the visible face side of the bar, when the bar is attached to the relevant uniform item
TBD:	to be determined


3. Client Furnished Materials

No component materials, hobs, dies or tools will be supplied by the South African Nursing Council.

4. Item Numbers


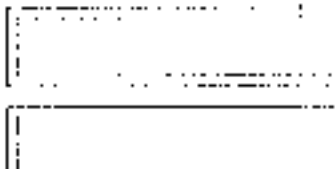

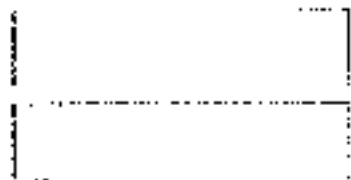
Table 1 – Item Numbers

NOTE: These items shall be supplied in pairs.

1	2	3	4
Item Number	Type	Item description	Illustration
TBD	A	Metal Bar, Navy Blue, Registered Psychiatric Nurse	

Doc. No SANC 004	Date November 2019	Responsibility SANC	Version V01.0	Page Page 2 of 17
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Table 1 – Item Numbers (Continued)

1	2	3	4
Item Number	Type	Item description	Illustration
TBD	B	Metal Bar, Green, Registered Midwife / Accoucheur	
TBD	C	Metal Bar, White, Tutor (Nursing Education)	
TBD	D	Metal Bar, Yellow, Public Nursing (Community Nursing Science)	
TBD	E	Metal Bar, Silver, Nursing Administration	

5. Illustrations

Illustrations are not to scale and all measurements are nominal.

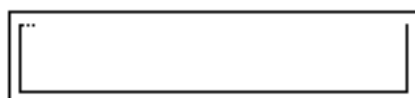


Figure 1 – Types A to D: Significant surface



Figure 2 – Type E: Significant surface

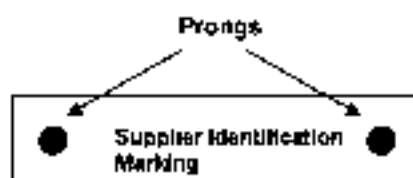


Figure 3 – Reverse of bars



Figure 4 – Side view with clutches

6. Component requirements

6.1 Base material

- made of brass that comply with the relevant requirements of Type Designation CZ101 (90/10 brass), condition 1/2 Hard, of SANS 1303-1
- of nominal thickness 1.5 mm

6.2 Prongs

- made from cold drawn bright nickel silver or brass wire
- hard, silver soldered or fusion welded to the back surface of the bar, prior to polishing or plating
- of nominal dimensions to be as given in figure 5
- shall have one or more grooves or serrations on the pointed end as to allow effective engagement of the clutch
- sharp point shall be free from burrs
- any distortion of the prongs shall be rectified during soldering
- all soldering shall be clean, strong, smooth and free from flux and excess soldering

NOTE: The type of soldering used shall depend on the base material of the prongs.

Doc. No	Date	Responsibility	Version	Page
SANC 004	November 2019	SANC	V01.0	Page 4 of 17

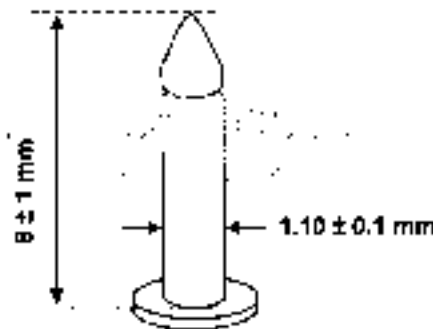


Figure 5 – Finished dimensions of prongs

6.3 Clutches

- acceptable metal clutches that shall be finished in such a way that it shall render a corrosion resistant product (nickel plated)
- to be such as to permit full and secure engagement of the prong
- dimensions to be fit for purpose
- a typical example of a suitable clutch design is given in figure 6



Figure 6 – Example of a suitable metal clutch

6.4 Instruction leaflet

- see Annex A

7. Design and construction of bars

7.1 General (applicable to all types of bars)

- be die-stamped with a flat back
- be made of brass plate as given in paragraph 6.1
- the reverse of the bar shall incorporate the relevant manufacturer's identification markings (for traceability)
- fitted with two prongs attached to the reverse of the bar
 - hard or silver soldered to the back
 - type of soldering used shall depend on the base material of the pin
 - to comply with the requirements as specified in paragraph 6.2
 - be positioned as given in figure 9
 - the positioning of the prongs has to be exact to ensure it aligns with the laser-cut holes in the epaulette stiffener (see Annex A)
- be supplied with two clutches that comply with the requirements as specified in paragraph 6.3
- to be electroplated with nickel (see paragraph 6.2)

Doc. No	Date	Responsibility	Version	Page
SANC 004	November 2019	SANC	V01.0	Page 5 of 17

7.2 Bars: Types A to D

- to comply with the design as given in figures 1, 3 and 4
- to incorporate the following design elements:
 - be rectangular with an inner section that is colour filled (painted)
 - paint to be as given in table 2
 - supplied in four different colours which shall be as specified in the order or contract
 - have a nickel plated border of nominal width 1 mm
- to comply with the dimensions as given in figure 7
- the bar shall be completely covered with a clear epoxy coating that shall comply with the requirements as given in paragraph 11.3

7.3 Bars: Type E

- to comply with the design as given in figures 2, 3 and 4
- to be a plain rectangular bar
- to comply with the dimensions as given in figure 8

8. Dimensions

Diagrams are not to scale and all measurements given are nominal, unless otherwise stated.

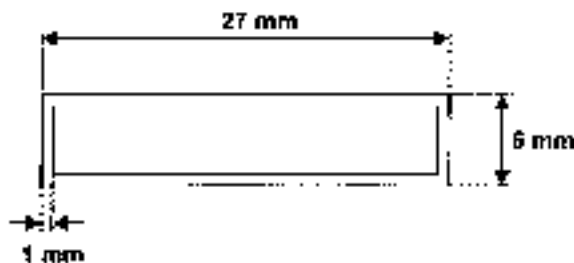


Figure 7- Dimensions of types A to D bars

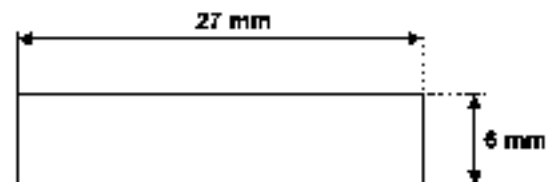


Figure 8 - Dimensions of types E bars



NOTE: The positioning of the prongs has to be exact to ensure it aligns with the laser-cut holes in the apaulette stiffener (see Annex A)

Figure 9 – Reverse of bars

Doc. No SANC 001	Date November 2019	Responsibility SANC	Version V01.0	Page Page 6 of 17
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9. Application of paint/plating

NOTE: The black colour-filled areas indicate the application of the relevant paint/plating on the significant surface. The colours below are given for guidance only, with the understanding that the successful bidder shall match the colours to the actual master samples held by SANC.

Table 2 – Types A to D: Application of paint/plating












1 Bar Type	2 Area of application	3 Reference
A, B, C, D		 Nickel plating (bright)
A		 Colour No.F02 of SANS 1091 "Oxford blue"
B		 Colour No.E04 of SANS 1091 "Mid Brunswick green"
C		 Pantone Colour No. 11- 4800 TPX "Blanc de Blanc"
D		 Colour No.B49 of SANS 1091 "Golden yellow"
A, B, C, D		 Epoxy coating

Table 3 – Types E: Application of paint/plating

1 Bar Type	2 Area of application	3 Reference
E		 Nickel plating (bright)

Doc. No	Date	Responsibility	Version	Page
SANC 004	November 2019	SANC	V01.0	Page 7 of 17

10. Workmanship

Each bar shall be:

- ♦ die-cut, made and finished with acceptable standards throughout
- ♦ of uniform and acceptable make, colour and finish

Shall be free from defects that:

- ♦ affect their appearance
- ♦ affect their serviceability (or both)

The badge shall be free from:

- ♦ burrs, rough or sharp edges
- ♦ surface blemishes

The soldering shall be:

- ♦ clean
- ♦ strong
- ♦ smooth
- ♦ free from flux and excess soldering

11. Finishing

11.1 Polishing

The polishing shall:

- ♦ be carried out prior to the plating of the bars
- ♦ be carried out until an acceptable smooth and even surface is obtained
- ♦ not cause any loss of definition of the design

11.2 Nickel plating

The significant surface as well as the reverse and prongs of the bars shall be electroplated with nickel.

The nickel coating shall:

- ♦ be electroplated with a uniform deposit
- ♦ have a bright finish
- ♦ nickel plating to comply with the requirements as given in SANS 136:1988/ ISO 1458:1988
- ♦ have no contact marks from the electroplating process
- ♦ render a clean surface
- ♦ adhere firmly to the base metals

Doc. No	Date	Responsibility	Version	Page
SANC JD4	November 2019	SANC	V01.0	Page 8 of 17

- when viewed at a distance of 350 mm, be free from the following defects
 - blisters, pits, roughness, cracks, stains, discolouration and/or mechanical damage

The thickness of the coating shall be:

- 5µm at any point

11.3 Painting and epoxy-coating

The paint and epoxy coating shall:

- be heat resistant and non-fading
- paint to be of the enamel type
- be an acceptable match to the colours as given in table 2
- be confined to the areas prescribed by the design as given in table 2
- be covered with epoxy coating
 - be an acceptable clear epoxy resin that does not result in excessive doming after application
 - be of acceptable hardness
 - care shall be taken not to overfill the prescribed area in order to ensure that the badge is as flat as possible after application
- when viewed at a distance of 350 mm, be free from the following defects (applicable to the paint and epoxy coating): bubbles, spots, inclusions, cracks, crazing

12. Packing and marking

12.1 Packing

12.1.1 The bars shall be:

- delivered in a commercially dry condition
- so packed that they will not be damaged in transit or in storage
- packed as given in table 4

Table 4 – Packaging of bars

1		2	
PACKAGING MATERIAL ^a		CONTAINING ^b	
A.	Small plastic envelopes with a pull and press opening and closure	a)	Two bars and two cushions
		b)	Instruction leaflet as given in Annex A
B.	Bulk plastic envelopes with a pull and press opening	Appropriate number of envelopes as given in A above (all bulk plastic envelopes to contain the same amount of bars)	
C.	Bulk container for transit to have a maximum gross mass of 25 kg when packed ^c .	Bulk plastic envelopes as given in B above	
^a Of suitable size and shape.			
^b Of the same type, colour and item number.			
^c Each bulk container for transit shall house the same amount of bars per consignment. The last bulk container per consignment may contain QUANTITIES that deviate from the prescribed amount of bars. If this is the case, the supplier will mark this container with a clearly visible red sticker at each outer end of the lid for easy identification.			

Doc. No	Date	Responsibility	Version	Page
SANC 004	November 2019	SANC	V01.0	Page 9 of 17

12.2 Marking

12.2.1 Small plastics envelope (see A in table 4)

Each small plastics envelope to be clearly marked with the following information

- the Item Description as given in Table 1
- the Item Number (only if supplied)
- the year of manufacture
- the manufacturer's name or trademark

12.2.2 Bulk plastics envelope (see B in table 4)

Each bulk plastics envelope to be clearly marked with the following information

- the Item Description as given in Table 1
- the Item Number (only if supplied)
- the year of manufacture
- the manufacturer's name or trademark
- the quantity (number of pairs)

12.2.3 Bulk containers (see C in table 4)

Each bulk container to have a label securely attached to the outside visible when the containers are stacked and providing the following information in legible and indelible marking:

- the manufacturer's name or trade mark or both
- the item description as given in Table 1
- the quantity (number of pairs)
- the year of manufacture
- the colour
- the mass of the packed container
- the Item Number (only if available)
- the number of containers, e.g. 1 of 6

12.3 Additional marking

When so required by the South African Nursing Council, badges, small plastics envelopes, bulk plastics envelopes or bulk containers (or any combination of these) to bear information additional to that specified above e.g. the inclusion of bar-coding.

Doc. No	Date	Responsibility	Version	Page
SANC 004	November 2019	SANC	V01.0	Page 10 of 17

13. Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this specification. All standards are subject to revision and, since any reference to a standard is deemed to be a reference to the latest edition of a standard, parties to agreements based on this specification are encouraged to take steps to ensure the use of the most recent editions of the standards indicated below. Information on currently valid national and international standards may be obtained from SABS¹.

BS 6001-1:1991, *Sampling Procedures for Inspection by Attributes – Part 1. Sampling schemes indexed by acceptable quality limit (AQL) for lot-by-lot inspection.*

SANS 136:1988/ISO 1458:1988, *Metalllic coatings • Electrodeposited coatings of nickel.*

SANS 1303-1, *Wrought copper alloys Part 1: Chemical composition of copper-zinc alloys (non-lead and leaded).*

SANS 1091, *National colour standard.*

14. Additional conditions of bid

See Annex B.

15. Sampling and compliance with the specification

See Annex C.

¹ SABS: Tel. +27 (0) 12 4287911

Doc. No	Date	Responsibility	Version	Page
SANC 004	November 2019	SANC	VC 0	Page 11 of 17

(Normative)

NOTE: Illustrations are not to scale.

- paper to be of nominal mass 80 g/m²
- colour to be white

- ◆ colour to be black
- ◆ markings to oulast the shelf life of the relevant prepared item

- each instruction leaflet shall incorporate **TWO TEMPLATES TO SCALE**
 - the finished dimensions of the template and prong markings shall comply with those given in figures A1 and A2
 - the template markings shall correspond perfectly with the holes in the slifter of the copulaties
 - the circular markings shall be of nominal diameter 2 mm
- each instruction leaflet shall incorporate text that shall explain how to use the templates
- an example of the instruction leaflet is given in Figure A4

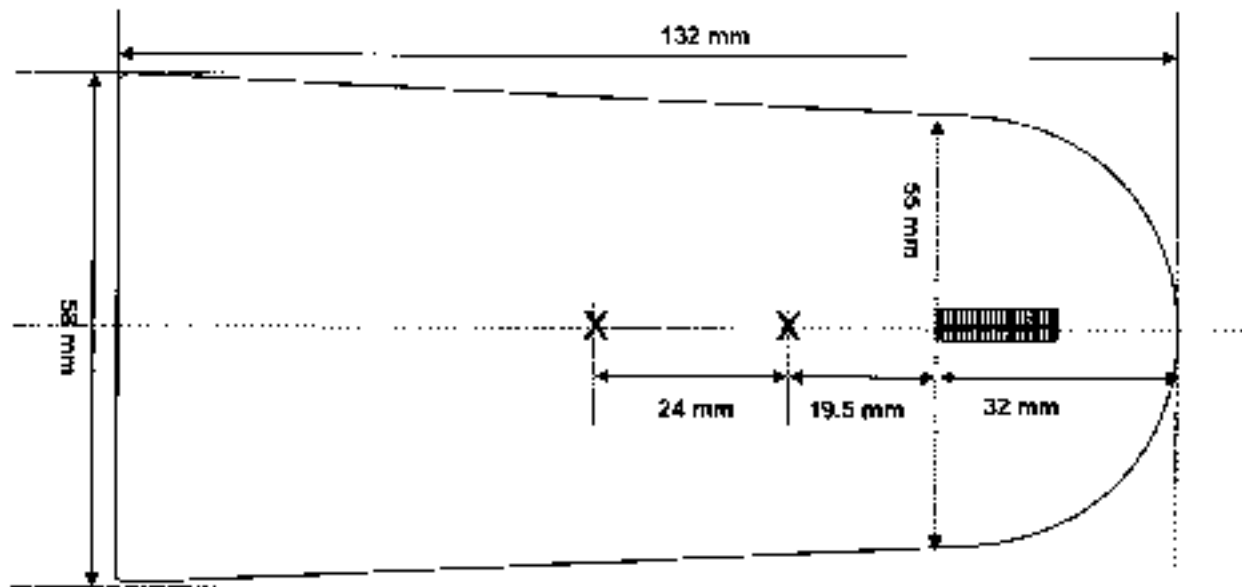


Figure A1 – Outer dimensions and positioning of first set of markings on template (indicating the prong position of the Council badge)

Doc. No	Date	Responsibility	Version	Page
SANC 334	November 2019	SANC	V01.0	Page 12 of 17

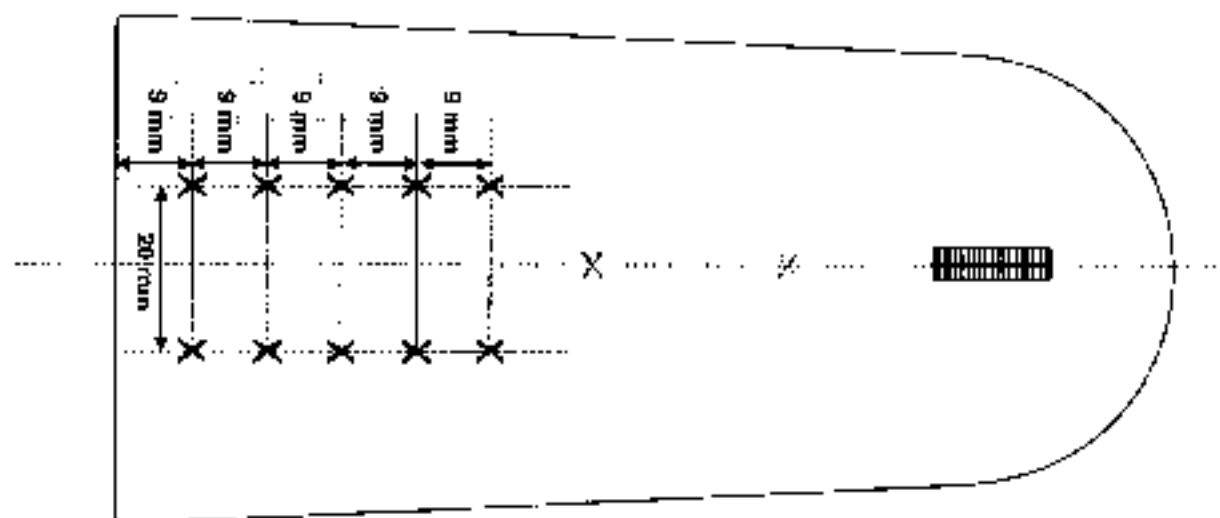


Figure A2 – Positioning of second group of markings (indicating the prong positions of the various bars)

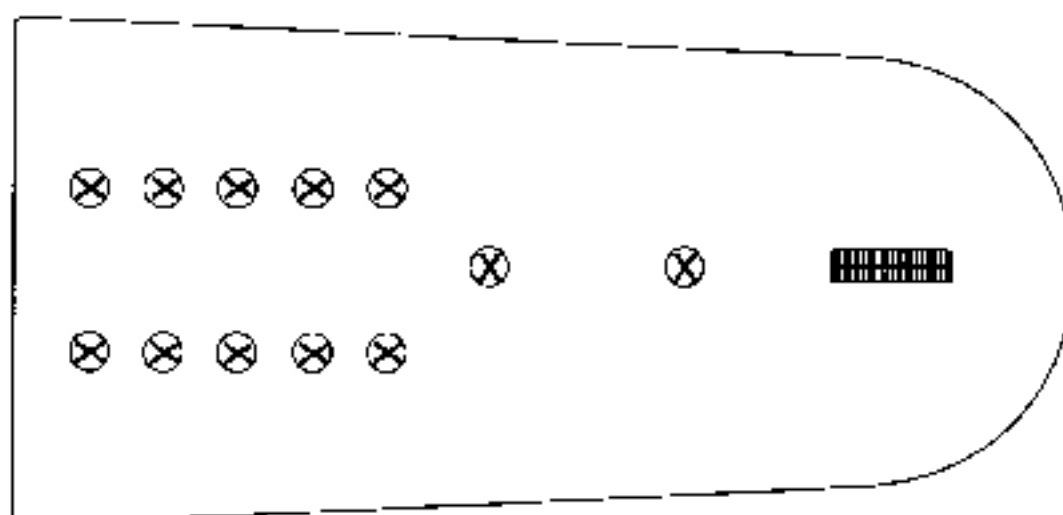


Figure A3 – Combination of the relevant markings required on template

Doc. No	Date	Responsibility	Version	Page
SANC.CC4	November 2019	SANC	V01.0	Page 13 of 17

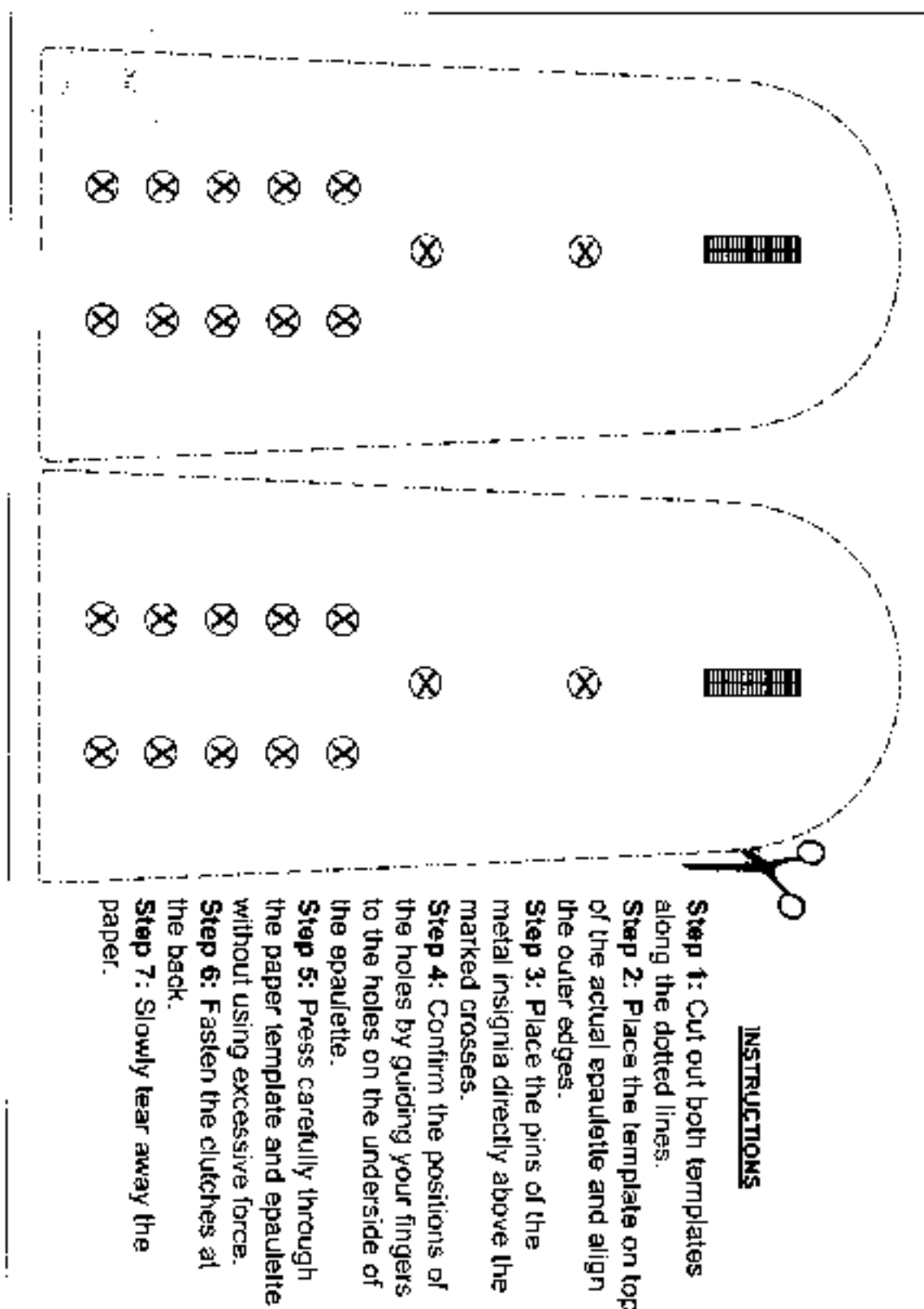


Figure A4 – Example of Instruction Leaflet and included templates (templates to be to scale).

Doc. No	Date	Responsibility	Version	Page
SANC CC4	November 2019	SANC	V01 0	Page 14 of 17

ANNEX B

(Normative)

Additional conditions of bid

- B-1** Unless otherwise stated, the South African Nursing Council or an appointed SANAS accredited inspection body shall be the inspecting authority.

B-2 STANDARD SAMPLES, PRE-PRODUCTION STAMPINGS

B-2.1 GENERAL PROCEDURE

B-2.1.1 Plaster models/Computer generated designs and lead impressions

When a new design of the badge is required or when a new hob or die has to be made, a plaster/computer generated design shall have been made and approved by the South African Nursing Council before the die is cut for the production of lead impressions. Two lead impressions shall then be submitted to the South African Nursing Council for approval. When any change to an existing hob or die has been made, two lead impressions shall be submitted to the South African Nursing Council for approval.

B-2.1.2 Pre-production samples

Written approval of lead impressions will be sent to the manufacturer, who, on receipt of approval, may produce the **3 pre-production samples OF EACH TYPE ORDERED** that are, after approval, to become standard samples.

B-2.2 STANDARD SAMPLES

In the case of new designs, or where any change has been made to the design of the hob or die, or when called for by the South African Nursing Council, three standard samples shall be submitted to the inspection authority for approval, prior to production being commenced by the manufacturer. Each of these samples shall conform exactly in detail, colour, form and finish to the badges that are to be manufactured during production. Each sample will be mounted on a card (of suitable size) that is sealed and signed by the inspection authority. On approval by the inspecting authority, the three pre-production samples will become standard samples and the cards will be treated as follows:

Note: Approval of this sample will not involve any property that requires assessment by a destructive test, but will be limited to approval of construction, design, colour, dimensions, polish and general finish.

- 1) Sample 1 (of each type ordered) will be permanently retained by the South African Nursing Council as master samples.
- 2) Sample 2 (of each type ordered) will be permanently retained by the Inspection Authority;
- 3) Sample 3 (of each type ordered) will be sent by the Inspection Authority to the successful bidder, who shall associate this sample with the order for the badge(s) required. A manufacturer shall not commence production until the third sample has been received from the Inspection Authority.

Doc. No	Date	Responsibility	Version	Page
SANC 004	November 2019	SANC	V01.0	Page 15 of 17

B-3 INSPECTIONS AND TESTING

- B-3.1** The badges 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 badges supplied to this specification may be in progress.
- B-3.2** The contractor shall inspect the finished badges for compliance with the specification before submitting them to the inspecting authority for final inspection.
- B-3.3** Before acceptance, the badges shall have been inspected and tested by the inspecting authority and found to comply with the requirements of the specification

B-4 DOCUMENTATION

One container of each consignment shall be marked 'DOCUMENTS' and in addition to the badges, 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:
 - 1 The order number
 - 2 The financial authority number,
 - 3 A full description of the consignment, i.e. item number, quantity, etc

Doc. No	Date	Responsibility	Version	Page
SANC 004	November 2019	SANC	V01.0	Page 16 of 17

ANNEX C

(Normative)

Sampling and compliance with the specification

C-1 Sampling

C-1.1 Sample for inspection

From the lot, draw at random the number of badges shown in column 2 of table C.1 relative to the appropriate lot size given in column 1.

C-1.2 Sample for testing

From the lot, or after inspection, from the samples drawn in accordance with C-1.1 above, draw at random the appropriate number of badges as relevant, shown in column 4 of table C.1.

C-2 Compliance with the specification

C-2.1 The lot shall be deemed to comply with the requirements of the specification if:

C-2.1.1 on inspection of the sample taken in accordance with C-1.1, the number of defectives found does not exceed the appropriate acceptance number given in column 3 of table B.1;

C-2.1.2 on testing the sample taken in accordance with C-1.2, no defectives are found.

Table C.1 - Lot sizes of badges

1 Lot size	2 Sample for inspection ¹ Sample size	3 Acceptance No. (AQL = 1.5)	4 Sample for testing ²
25 - 90	8	0	3
91 - 280	32	1	3
281 - 500	50	2	5
501 - 1200	80	3	5
1201 - 3200	125	5	8
3201 - 10 000	200	7	8
10 001 - 35 000	315	10	13
35 001 - 150 000	500	14	20

Note: AQL = Acceptance Quality Limit

¹ Based on table II-A of BS 6001 for general inspection level II.

² Based on table II-A of BS 6001 for special inspection level S-2.

For office use only		HISTORY SHEET		
VERSION	DATE	AMENDMENTS/HISTORY		
CC.1	August 2019	First draft		
CC.2	August 2019	Change laser hole to have a 2 mm diameter Instruction added: Change description of epoxy coating Add reference to fusion welding as an option to add the one		
CC.3	August 2019	Change scope/ Change markings on packaging Add reference to possible bar-coding		
C1.0	November 2019	Add note that pertains to colours since the colours could not be confirmed by manufacturers First release		
Doc. No	Date	Responsibility	Version	Page
SANC 004	November 2019	SANC	V01.0	Page 17 of 17