



**NATIONAL CERTIFICATE MODULE: UNIT SPECIFICATION****STATEMENT OF STANDARDS****UNIT NUMBER:** 3240063**UNIT TITLE:** DOMESTIC MACHINE KNITTING - RIBBING  
ATTACHMENT 1

Acceptable performance in this unit will be the satisfactory achievement of the standards set out in this part of the specification. All sections of the statement of standards are mandatory and cannot be altered without reference to SQA.

**OUTCOME**

1. CARRY OUT CARE AND MAINTENANCE REQUIRED TO KEEP THE RIBBING ATTACHMENT IN WORKING ORDER

**PERFORMANCE CRITERIA**

- (a) The attachment of the ribber to the main bed is completed in accordance with the manufacturer's specified procedures.
- (b) The adjustments made to maintain the height and distance between the beds are accurate and conform to manufacture's specifications.
- (c) The adjustments made to maintain needle alignment are accurate and conform to manufacture's specifications.
- (d) The replacement of damaged needles and a worn needle retaining bar is in accordance with techniques and procedures.
- (e) The use of tools and cleaning materials required for general maintenance of the ribbing attachment is correct.

**RANGE STATEMENT**

Tools and Cleaning materials: half inch paint brush; lint free cloths; tweezers; wide topped glass jar; small scissors; cross headed screw driver; long handles catail brush; knitting machine oil; white spirit; cleaners for plastic area of bed and carriage.

**EVIDENCE REQUIREMENTS**

Performance evidence of the use of the above range of tools and cleaning materials across the machine operations specified in Performance Criteria (a) to (d).

**OUTCOME**

2. DESCRIBE THE BASIC PRINCIPLES OF DOUBLE BED TECHNOLOGY

**PERFORMANCE CRITERIA**

- (a) The identification of the principle parts of the ribbing attachment is correct.
- (b) The identification of the needle positions and their associated uses is correct.
- (c) The description of the use of given parts of the ribbing attachment is correct with respect to the make and model of machine.

**RANGE STATEMENT**

Ribbing attachment parts: parts of yarn brake assembly; stitch dial; holding and operative cam levers for knit; slip-part empty and tuck stitch; needle positions.

Ribbing attachment parts (their use): racking handle; pitch lever; swing lever; close knit bar.

**EVIDENCE REQUIREMENTS**

Spoken or written identification of the ribbing attachment parts specified within the range.

Spoken or written description of the uses of ribbing attachment parts specified within the range.

**OUTCOME****3. PRODUCE BASIC RIB FORMATIONS****PERFORMANCE CRITERIA**

- (a) The method of casting on is appropriate to the rib formation.
- (b) The threading up of a weight of yarn appropriate for each of the ribbed formations is correct.
- (c) The insertion of the comb and weights is in accordance with recognised techniques and procedures.
- (d) The carrying out of racking procedures to ensure a true rib is correct.
- (e) The method of casting off is appropriate to the rib formation.

**RANGE STATEMENT**

Rib formations: 1x1; 2x2; close 2x2 and full needle ribs.

**EVIDENCE REQUIREMENTS**

Performance evidence of the production of the range of rib formations carrying out all procedures specified within the Performance Criteria.

**OUTCOME****4. PRODUCE SAMPLES OF SIMPLE AND FASHIONED SHAPING****PERFORMANCE CRITERIA**

- (a) The simple increases and decreases are completed in accordance with recognised techniques and procedures.
- (b) Multiple increases and decreases are completed in accordance with recognised techniques and procedures.
- (c) The use of the appropriate tools to complete the fully fashioned shaping processes is correct.
- (d) The explanation of the use of edge weight hangers and small weights is correct.

**RANGE STATEMENT**

Tools: single; double; triple and multiple transfer tools.

**EVIDENCE REQUIREMENTS**

Performance evidence of the use of the above range of tools to complete the simple, multiple increases, decreases and the shaping process.

Spoken or written explanation of the use of edge weight transfers and small weights.

**OUTCOME****5. PRODUCE SAMPLES OF NON-SELECTIVE FORMS OF STITCH PATTERNS AND A GARMENT PANEL**

- (a) The explanation of the setting up of given stitch patterns is correct.
- (b) The production of basic rib pattern samples is correct with respect to given specification.
- (c) The production of simple racking patterns is correct with respect to given specification.
- (d) The production of an English rib garment panel is correct with respect to given specification.

**RANGE STATEMENT**

Stitch patterns: fisherman rib; English rib/half fisherman's rib; simple racking patterns.

**EVIDENCE REQUIREMENT**

Performance evidence of the production of patterns and an English rib garment panel specified within Performance Criteria (b) to (d).

Spoken or written explanation of the setting up of given stitch pattern within the range.

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### **ASSESSMENT RECORDS**

In order to achieve this unit, candidates are required to present sufficient evidence that they have met all the performance criteria for each outcome within the range specified. Details of these requirements are given for each outcome. The assessment instruments used should follow the general guidance offered by the SQA assessment model and an integrative approach to assessment is encouraged. (See references at the end of support notes).

Accurate records should be made of assessment instruments used showing how evidence is generated for each outcome and giving marking schemes and/or checklists, etc. Records of candidates' achievements should be kept. These records will be available for external verification.

### **SPECIAL NEEDS**

In certain cases, modified outcomes and range statements can be proposed for certification. See references at end of Support Notes.

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**NATIONAL CERTIFICATE MODULE: UNIT SPECIFICATION****SUPPORT NOTES**

<b>UNIT NUMBER</b>	3240063
<b>UNIT TITLE</b>	DOMESTIC MACHINE KNITTING - RIBBING ATTACHMENT 1

**SUPPORT NOTES:** This part of the unit specification is offered as guidance. None of the sections of the support notes is mandatory.

**NOTIONAL DESIGN LENGTH:** SQA allocates a notional design length to a unit on the basis of time estimated for achievement of the stated standards by a student whose starting point is as described in the access statement. The notional design length for this unit is 40 hours. The use of notional design length for programme design and timetabling is advisory only.

**PURPOSE** The module is designed for those who wish to set up in small business, for occupational therapy and for those pursuing leisure activities.

SQA publishes summaries of NC units for easy reference, publicity purposes, centre handbooks, etc. The summary statement for this unit is as follows:

This module will enable you to gain a knowledge and practical experience of using a domestic machine and ribbing attachment. You will learn to maintain the ribbing attachment, produce elementary rib formations, samples of simple and fashioned shaping non selective forms of patterning as well as a garment panel. This module could be taken as part of a full-time or part-time course.

**CONTENT/CONTEXT** The candidate should at all times comply with procedures and regulations designed for safe practice and use safe working practices specified for equipment and work areas.

Corresponding to the Outcomes:

1. Setting up the ribber, adjustments to height and distance between beds, needle alignment, ability to change needles and care of needle retaining bar. Cleaning materials and tools required for general maintenance.
2. Yarn brake assembly, needle positions, holding cams and stitch dial systems, racking handle and pitch lever, operative cam levers for knit, slip-part-empty and tuck stitches, swing lever and close knit bar.
3. Casting on procedures and knitting of 1 x 1, 2 x 2, close 2 x 2 and full needle ribs, suitable weights of yarn. Cast on combs and weights. Casting off in rib formation.
4. Simple and fashioned increasing and decreasing, multiple stitch shaping. Edge weight hangers.

5. Fisherman's rib, english rib and simple racking patterns, garment panel in english rib.

**APPROACHES TO GENERATING EVIDENCE** A candidate-centred, resource-based learning approach is recommended. During the work of the module candidates should have several opportunities to develop their practical skills, and should be assessed at appropriate points. Each procedure should be demonstrated and followed by supervised participation by the candidate. Terminology should be presented in context throughout the module. Examples of garments panels should be available for the candidate to compare standards. Candidates progress should be monitored by an ongoing assessment of properly structured work books. Safe practices and care in the use of equipment should be an integral part of the module activities.

Where the candidate is unsuccessful in achieving an outcome, provision should be made for remediation and reassessment.

**ASSESSMENT PROCEDURES** Centres may use the Instruments of Assessment which are considered by tutors/trainers to be the most appropriate. Examples of Instrument of Assessment which could be used are as follows:

Outcomes 1, 3, 4, and 5      Practical exercises could be used to assess each performance criterion. Observation checklists may be used to evidence the candidate's completion of the practical exercises. The candidate could complete a work book of samples within which he/she would keep a record of their own performance.

For Outcome 2, -      Structured question(s) and or restricted response questions may be used.

**EXEMPLARS** The ribbing attachment - Part I and Part II by Mary Weaver.

**PROGRESSION** This module could be taken along with Domestic machine knitting - ribbing attachment 2 as a complete programme.

**RECOGNITION** Many SQA NC units are recognised for entry/recruitment purposes. For up-to-date information see the SQA guide 'Recognised and Recommended Groupings'.

## REFERENCES

1. Guidelines for Module Writers.
2. SQA's National Standards for Assessment and Verification.
3. For a fuller discussion on assessment issues, please refer to SQA's Guide to Assessment.
4. Procedures for special needs statements are set out in SQA's guide 'Students with Special Needs'.

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