

NATIONAL CERTIFICATE MODULE: UNIT SPECIFICATION**STATEMENT OF STANDARDS****UNIT NUMBER:** 3311074**UNIT TITLE:** DOMESTIC MACHINE KNITTING: STITCHES AND PROCESSES 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. PRODUCE NECKLINE SHAPES AND APPROPRIATE FINISHES

PERFORMANCE CRITERIA

- (a) The charting of the shaping methods required to produce round, square and v-necklines is in accordance with specified procedures.
- (b) The production of round, square and v-neckline samples is correct with respect to given specifications.
- (c) The calculations required to produce well fitting bands are effective.
- (d) The method of finishing off the round, square and v-necklines is appropriate to each style, in accordance with recognised techniques and processes.

RANGE STATEMENT

The range for this outcome is fully expressed within the performance criteria.

EVIDENCE REQUIREMENTS

Written evidence of the explanation of the principles within Performance Criteria (a) and (c). Performance evidence of Performance Criteria (b) and (d).

OUTCOME

2. PRODUCE SAMPLES OF BUTTONHOLES AND BANDS

PERFORMANCE CRITERIA

- (a) The production of machine and hand-finished buttonholes is correct and in accordance with recognised techniques.
- (b) The calculation of bands is appropriate in terms of effectiveness in enhancing the final appearance of a garment.
- (c) The production of garment bands is in accordance with recognised procedures.

RANGE STATEMENT

The range for this outcome is fully expressed within the performance criteria.

EVIDENCE REQUIREMENTS

Performance evidence of Performance Criteria (a) and (c). Written evidence of the explanation of the principles within Performance Criterion (b).

OUTCOME

3. PRODUCE SAMPLES OF POCKETS AND COLLARS

PERFORMANCE CRITERIA

- (a) The production of patch, vertical and horizontal pockets is in accordance with given specification.
- (b) The production of round, shirt type and shawl collars is correct in accordance with given specification.

RANGE STATEMENT

The range for this outcome is fully expressed within the performance criteria.

EVIDENCE REQUIREMENTS

Performance evidence of the production of patch, vertical and horizontal pockets as well as round, shirt type and shawl collars.

OUTCOME**4. PRODUCE SAMPLES OF GARMENT ASSEMBLY METHODS****PERFORMANCE CRITERIA**

- (a) The production of plain and striped stocking stitch samples using mattress stitch as a method of joining is correct with respect to recognised procedures.
- (b) The production of samples using back stitch and crochet as joining methods is correct with respect to recognised procedures.
- (c) The production of samples using binding off methods of joining on the machine is correct with respect to recognised procedures.
- (d) The production of samples using hand and machine graft methods is correct with respect to recognised procedures.

RANGE STATEMENT

Tools: tapestry needle; bodkin; crochet hook; transfer tool.

EVIDENCE REQUIREMENTS

Performance evidence of the above range of tools to complete the processes as specified within the Performance Criteria (a) to (d).

OUTCOME**5. PRESENT SAMPLES IN SUITABLE FORMAT WITH RELEVANT DATA****PERFORMANCE CRITERIA**

- (a) The blocking of completed samples is according to specified procedures.
- (b) The pressing of the completed samples is according to specified procedures.
- (c) The samples are inserted in workbooks in accordance with given instructions.
- (d) All stitches and processes are accompanied by detailed notes which are clear, legible and accurate.

RANGE STATEMENT

Tools and equipment: blocking mat and pins; binding wires; steam iron or press; workbooks; paper and mounting card; double sided sellotape.

EVIDENCE REQUIREMENTS

Performance evidence of the above range of tools and equipment to complete the processes as specified within the Performance Criteria (a) and (b).

Written evidence of supporting notes for all stitches and processes.

ASSESSMENT

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 the 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**

UNIT NUMBER: 3311074

UNIT TITLE: DOMESTIC MACHINE KNITTING: STITCHES AND PROCESSES 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 candidate 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:

CONTENT/CONTEXT Corresponding to the Outcomes 1-5:

1. Drafting and charting methods, use of Diophantine equation for calculation, correct use of symbols. Knitting of round, square and v-neckline samples in stocking stitch. Use of holding position to shape round neck. Garment bands, calculation of required number of stitches, knitting methods, attachment of bands.
2. Small buttonholes over a single stitch, buttonholes over two stitches, buttonholes over several needles, machine finished buttonholes. Calculation of bands and placement of buttonholes, knitting and attachment of bands.
3. Placement and sizing of pockets, knitting and finishing of patch, horizontal and vertical pockets. Calculation of stitches required for collars, knitting of single and double round, shirt type and shawl collars. Methods of attachment to garment.
4. Knitting of plain and striped stocking stitch swatches suitable for joining purposes. Mattress stitch, back stitch, crochet, binding off and hand and figure of eight machine graft methods of joining.

5. Suitable methods of blocking and pressing. Window mounts and various insertion methods. Sellotape, paper, card, cutting mats craft knives, scissors, presentation ring binders, clear plastic envelopes.

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 should be followed by supervised participation by the candidate. Terminology should be presented in context throughout the module. Examples of workbooks 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 1-5 Mainly practical based with an amount of knowledge required, therefore a project is recommended here. The practical exercises for each outcome completed separately could be evidenced by an observation checklist in addition to the production of samples where required. The candidate could also produce a workbook to evidence the knowledge possibly using structured questions. The appropriate number of questions should be set to enable the candidate to demonstrate the required ranges adequately.

EXEMPLARS Machine Knitting Technology and Patterns by Mary Weaver.

PROGRESSION The candidate could progress into other Domestic Machine Knitting modules.

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. Guide to unit writing.
2. For a fuller discussion on assessment issues, please refer to SQA's Guide to Assessment.
3. Procedures for special needs statements are set out in SQA's guide 'Students with Special Needs'.
4. Information for centres on SQA's operating procedures is contained in SQA's Guide to Procedures.

5. For details of other SQA publications, please consult SQA's publications list.

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