

Domain	CLOTHING PRODUCTION	Unit ID: 159
Title:	Perform sewing operations on complex garments using industrial equipment in a clothing environment	
Level: 4		Credits: 16

Purpose

This unit standard specifies the competencies required to perform sewing operations on complex garments using industrial equipment in a clothing production environment. It includes preparing the workstation and work pieces, identifying and monitoring poor machine performance, sewing of garments and dispatching completed work. This unit standard is intended for people who work in an industrial clothing production environment.

Special Notes

1. Entry information
Prerequisite:
 - Unit 130 – *Follow workplace safety procedures in a clothing production environment* or demonstrated equivalent knowledge and skills.
2. To demonstrate competence, at a minimum, evidence is required of preparing the workstation, preparing work pieces, identifying poor machine performance, sewing garments and components and dispatching completed work. Assessment evidence of two different garment items is required. These tasks must be performed ensuring correct identification of requirements and finishing of the tasks, correct selection and use of appropriate processes, tools and equipment and completing all work to specification.
3. Garments include but are not limited to princess line dresses; close-fitting dresses; loose-fitting dresses; halter-neck dresses; sundresses; tent dresses, lined jackets and evening gowns. Dresses must have linings, pockets, yokes, zips, waistbands and slits.
4. Assessment evidence may be collected from a real workplace or a simulated real workplace or an appropriate simulated realistic environment in which clothing production operations are carried out.
5. Tools, equipment and fabrics may include but are not limited to domestic sewing machines, domestic over-locker machines, industrial lock-stitch machine, industrial over-locker, shirt button-hole machine, bar-tack machine, blind hemming machine, key-hole machine, button-hole machine, machine accessories, cotton thread, notions and haberdashery, scissors and various types of needles, linings, poly cotton, cotton, linen, viscose, synthetic material, denim, bouclé, chiffon, organza, lace, silk, taffeta and trimmings.
6. Performance of all elements in this unit standard must comply with all relevant workplace requirements and /or manufacturer's specifications.
7. Regulations and legislation relevant to this unit standard include the following:
 - Labour Act, No. 6, 1992

- Occupational Health and Safety Regulations No. 18, 1997 and all subsequent amendments.

Quality Assurance Requirements

This unit standard and others within this subfield may be awarded by institutions which meet the accreditation requirements set by the Namibia Qualifications Authority and the Namibia Training Authority and which comply with the national assessment and moderation requirements. Details of specific accreditation requirements and the national assessment arrangements are available from the Namibia Qualifications Authority and the Namibia Training Authority on www.nta.com.na

Elements and Performance Criteria

Element 1: Prepare work station

Performance Criteria

- 1.1 Workstation, tools and equipment are cleaned and set up according to workplace specifications.
- 1.2 Needles, oil levels, attachments and parts are checked.
- 1.3 Worn needles are identified, replaced and reported according to workplace procedures.
- 1.4 Inspections, faults and rectifications are recorded.

Element 2: Prepare work pieces

Performance Criteria

- 2.1 Work pieces are received and checked for faults according to workplace specifications.
- 2.2 Work pieces are laid out in sequence according to workplace procedures and specifications.

Element 3: Identify and monitor poor machine performance

Performance Criteria

- 3.1 Poor machine performance is identified and regularly checked for faulty operations.
- 3.2 Faulty performance is corrected and reported.
- 3.3 Performance and corrections are recorded in line with workplace specifications.

Element 4: Sew garment

Performance Criteria

- 4.1 Pieces are safely sewn in line with workplace specifications, product requirements and specified quality standards.
- 4.2 Work handling is controlled for the type of operations, fabrics and product type in line with workplace procedures.

Element 5: Dispatch completed work

Performance Criteria

- 5.1 Completed work is inspected, faults are identified and relevant action is taken to check finished pieces according in line with workplace specifications.
- 5.2 Results of inspection are reported and recorded.
- 5.3 Production records or packaging slips are completed in line with workplace procedures and specifications.
- 5.4 Completed work is dispatched to next section in line with workplace specifications.
- 5.5 Work area is cleaned up and prepared for next job or operation.

Registration Data

Subfield:	Clothing, Leather and Textiles Manufacturing
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