



Australian Government

Department of Education, Employment and Workplace Relations

ICPCF2101C Set up and run machine for sewing

Revision Number: 1

ICPCF2101C Set up and run machine for sewing

Modification History

Not applicable.

Unit Descriptor

Unit descriptor	This unit describes the performance outcomes, skills and knowledge required to set up and run a machine for sewn fastening.
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Application of the Unit

Application of the unit	This unit requires the individual to set up and run a machine for sewn fastening.
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Licensing/Regulatory Information

Not applicable.

Pre-Requisites

Prerequisite units		

Employability Skills Information

Employability skills	This unit contains employability skills.
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Elements and Performance Criteria Pre-Content

Elements describe the essential outcomes of a unit of competency.	Performance criteria describe the performance needed to demonstrate achievement of the element. Where bold italicised text is used, further information is detailed in the required skills and knowledge section and the range statement. Assessment of performance is to be consistent with the evidence guide.
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Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
1. Prepare for job	1.1. Job specifications are determined from job documentation or production control system 1.2. Availability of all job related components is checked
2. Set up sewing machine	2.1. Feeder is set up and adjusted according to job specifications 2.2. Different <i>types of thread</i> are set up according to job specifications and thread tension is correct 2.3. Different types of needles are fitted according to job specifications 2.4. The correct <i>sewing tape</i> is attached to the machine according to job specifications 2.5. Hand rules are set according to job specifications 2.6. Timing of the slitler is adjusted according to job specifications
3. Complete work	3.1. The sewing machine is operated safely according to enterprise procedures 3.2. Job is completed in required time 3.3. Samples are continuously monitored for defects and defects are removed 3.4. The locations of all emergency shutdown buttons and triggers are known 3.5. All processed product is stacked and packed in bundles

Required Skills and Knowledge

REQUIRED SKILLS AND KNOWLEDGE

This section describes the skills and knowledge required for this unit.

Required skills

- communication when checking and confirming all details required for the job against job specifications
- problem solving when selecting and checking a sample from the machine to ensure it conforms to the required quality standards
- planning and organising when preparing the job before setting up the sewing machine; planning the job to meet the required timeframe
- teamwork by maintaining the production process in association with others
- use of technology by setting up and operating fastening equipment

Required knowledge

- OHS areas that must be addressed when setting up these areas of the machine
- effect of sewing being in the wrong position
- the largest/smallest size bag or sack that can be processed on the machine
- adapting the machines to facilitate smaller/larger stock

Evidence Guide

EVIDENCE GUIDE

The Evidence Guide provides advice on assessment and must be read in conjunction with the performance criteria, required skills and knowledge, range statement and the Assessment Guidelines for the Training Package.

Overview of assessment

Critical aspects for assessment and evidence required to demonstrate competency in this unit

Evidence of the following is essential:

- set and efficiently operate a machine for sewn fastening according to job specifications and within the production timeframe
- demonstrate all safety devices on the machine
- set up and run a machine to produce THREE different sewn products
- evidence for assessment may be gathered from assessment of the unit of competency alone or through an integrated assessment activity.

Context of and specific resources for assessment

Assessment must ensure:

- assessment may take place on the job, off the job or a combination of both of these. Off the job assessment must be undertaken in a closely simulated workplace environment
- a machine for sewn fastening.

Method of assessment

A range of assessment methods should be used to assess practical skills and knowledge. The following examples are appropriate for this unit:

- direct questioning combined with review of portfolios of evidence and third party workplace reports of on-the-job performance by the candidate.

Guidance information for assessment

Holistic assessment with other units relevant to the industry sector, workplace and job role is recommended.

Range Statement

RANGE STATEMENT	
The range statement relates to the unit of competency as a whole. It allows for different work environments and situations that may affect performance. Bold italicised wording, if used in the performance criteria, is detailed below. Essential operating conditions that may be present with training and assessment (depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts) may also be included.	
<i>Types of thread</i> may include:	<ul style="list-style-type: none"> cotton, oiled cotton, hemp.
<i>Sewing tape</i> may include:	<ul style="list-style-type: none"> different widths, stretch tape, back taping.
<i>Bag variables</i> may include:	<ul style="list-style-type: none"> multi-wall, bags, sacks, waxed, plastic films.

Unit Sector(s)

Unit sector	
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Competency field

Competency field	Converting, Binding and Finishing
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Co-requisite units

Co-requisite units		