




Unit Standard 2740 V5

Trainee:

Make markers for plain fabrics using an apparel CAD/CAM system

Assessor:

Level 3, 9 Credits,

<p>Unit Requirements</p>	<p>To be credited with this unit standard you must be able to:</p> <ul style="list-style-type: none"> ➤ make and print out single size and multiple size paper markers; ➤ using an apparel Computer Aided Design Computer Aided Manufacturing; (CAD/CAM) system; ➤ and explain the requirements of plain fabrics and cutting methods: ➤ and their implication for production.
<p>Special note:</p>	<p>Performance of the elements must conform to the Health and Safety in Employment Act 1992..</p> <p>Definitions</p> <p><i>Workplace procedures</i> refer to the verbal or documented procedures for performing work activities and include health and safety, operational, environmental, and quality management requirements. They may refer to manuals, manufacturer's specifications, codes of practice, or policy statements.</p>
<p>Notes to Trainee</p>	<p>This assessment document is not a training programme. The training programme for the skills and knowledge required for this unit will be provided by your employer as part of your on-job training, or by programs from training providers. This document is a guide for you, your trainer, and your assessor for the assessment once you have learned and practised the skills involved.</p> <p>The time you will need to spend on training and practice to reach the standard which demonstrates that you are competent in this area will of course depend on other tasks that you may also have which are not part of this unit standard.</p> <div style="text-align: center;">  </div> <p>(Trainee can answer verbally or in writing.) (Trainee to write or assessor to record)</p>

Assessment	<p>Assessment for many of the tasks will be to workroom standards and workplace procedures. You will need to discuss what these standards are with your trainer and/or assessor during your training period so that you are aware of what is required. Where these standards and work instructions are written down, you should collect copies so that you have something to refer to. Your assessor will also refer to these when you are being assessed.</p> <p>In some cases for workplace skills, your Assessor may use someone with specialised knowledge of the process or machine to confirm your skills. This person is called a Verifier.</p> <p>Some assessments require evidence that you demonstrate competence on an ongoing basis. Your assessor may also use a Verifier to confirm that this is the case.</p> <p>You do not need to be assessed for all of the Unit Standard at one time. Assessment can take place as you develop the knowledge and skills. Your assessor will keep a record of progress, and once you have been assessed as competent for all the tasks, you will have completed this unit standard.</p> <p>If any parts of the standard are not met, further evidence of your competence in that task/s will be sought. This is indicated on the Assessment Evidence Guide by the abbreviation FER (Further Evidence Required).</p>
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Assessment Decisions: Competent / Not Competent (circle one)

Assessor : _____ **Date:** _____

Action Plan for Further Evidence (if required)

Assessor must discuss with Trainee prior to assessment	
Before the assessment	<p>If there are any parts of the assessment that you are not clear about, you must ask the assessor before you start the Assessment. You need to agree to the amount and type of evidence to be collected.</p> <p>You must tell the assessor if you have any special needs e.g. hearing or seeing difficulties before doing the assessment tasks. The assessor/verifier will take these special needs into consideration during the assessment.</p>
During the Assessment	<p>The assessment process will consist of questions to assess your knowledge, and observation of you carrying out specific tasks. You would normally answer questions verbally and your assessor will note answers. In some cases you may be able to demonstrate knowledge as a written project. In this case simple diagrams could be used. You should discuss the best way with your assessor.</p> <p>The workplace is often a noisy environment. Your assessor will try and find a quiet place to ask questions so that you are able answer easily. However, in some cases you may feel better able to answer questions at a machine or worksite. You should discuss this with your assessor before the assessment.</p>
After the Assessment	<p>The assessor will tell you if you are 'competent' or 'not yet competent'. Not yet competent means that you have not done the tasks, or part of the tasks to the standard that is needed, and you will have to give the assessor more information. If you need to give the assessor more information then you will be clearly told of what it is that you need to do.</p> <p>You have a right to appeal your assessor's decision if you are not happy with the assessor's decision. Your assessor will explain the appeal process.</p> <p>At the end of the assessment you will be asked to sign the assessment to show that you were happy with how the assessment went. Do not sign this section if you do not agree that the assessment was fair.</p> <p>You and your assessor must each sign and keep a copy of the Candidate Check List and the Assessment Record. These are at the back of this Assessment Document.</p> <p>Results of the assessment will be kept by your assessor, passed to your Employer, and sent to the Apparel and Textile ITO who will register competency on the New Zealand Qualifications Framework</p>
Special Needs Identified (enter any special needs here)	
	<p>Assessment Process above has been discussed and Trainee understands the process.</p> <p>Trainee _____ (sign)</p> <p>Assessor _____ (sign)</p>

Element 1. Make and print out single size paper markers using an apparel CAD/CAM systemObserved
(Assessor's
signature)Competent(C)/
Further
Evidence
Required (FER)
& Sign/Date**Note to Trainee:**

You will be assessed to confirm that your paper markers meet the pattern specifications and that you make your markers according to the workplace procedures. You should be clear what the pattern specification requires and what the procedures are. You should have copies on hand. You should ask your Trainer or Assessor if these are not available.

pc 1.1	System is operated in accordance with workplace procedures.		
	log on		
	file creation		
	file storage and backup		
	retrieval		
	printing		
pc 1.2	All pattern pieces meet pattern specifications		
pc 1.3	Paper markers are designed to take into account fabric width and length of cutting table		
pc 1.4	Paper markers are designed to take into account fabric and cutting method		
	Fabric factors:		
	stretch		
	shrinkage		
	grain		
	Cutting Method: Markers must account for the following:		
	straight knife		
	band knife		
	shears		
	computer		
pc 1.5	Material utilisation is in accordance with workplace procedures		
pc 1.6	Files are named and stored in accordance with workplace procedures		

pc 1.7	Documentation in accordance with workplace procedures		
pc 1.8	Printed files are in accordance with workplace procedures		
	full size		
	miniature		
	specified reports		


Assessor Notes:

Element 2. Make and print out multiple size paper markers using an apparel CAD/CAM system

Note to Trainee:

You will be assessed to confirm that your paper markers meet the pattern specifications and that you make your markers according to the workplace procedures. You should be clear what the pattern specification requires and what the procedures are. You should have copies on hand. You should ask your Trainer or Assessor if these are not available.


You must demonstrate skills with integrated sizes, separated sizes, and ratios.

		Observed 	C /FER & Sign/Date
pc 2.1	System is operated in accordance with workplace procedures.		
	log on		
	file creation		
	file storage and backup		
	retrieval		
	printing		
pc 2.2	All pattern pieces meet pattern specifications		
pc 2.3	Paper markers are designed to take into account fabric width and length of cutting table		
pc 2.4	Paper markers are designed to take into account fabric and cutting method		
	Fabric factors:		
	stretch		
	shrinkage		
	grain		
	Cutting Method: Markers must account for the following:		
	straight knife		
	band knife		
	shears		

Entry: Open

	computer		
pc 2.5	Paper markers are designed to take into account specified sizes and quantities required		
pc 2.6	Material utilisation is in accordance with workplace procedures		
pc 2.7	Files are named and stored in accordance with workplace procedures		
pc 2.8	Documentation in accordance with workplace procedures.		

Element 2. Make and print out multiple size paper markers using an apparel CAD/CAM system (cont.)

pc 2.9	Printed files are in accordance with workplace procedures	Observed 	C /FER & Sign/Date
	full size		
	miniature		
	specified reports		

Assessor Notes:

Elements 3. Explain the requirements of plain fabrics and cutting methods and their implications for production.

pc 3.1 Fabric usage and lay method are explained in terms of their implications for production

Note to Trainee:

The question could also be answered in writing as a project with samples used.

Lay Method	When would you use the method, and explain the implications on production	Competent(C)/ Further Evidence Required (FER) & Sign/Date
single size		
stepped		
integrated		
ratio		
rainbow lay		
one way		

pc 3.2 Different plain fabrics used in the workplace are outlined in terms of requirements			
	What is the impact of shrinkage, and what steps must be taken when making markers?	What is the impact of ply movement, and what steps must be taken when making markers?	C /FER & Sign/Date
Fabrics:			
circular			
open width			
stretch			
pile			
pc 3.3 Cutting methods and techniques are described in relation to their effect on markers.			
	How does the cutting method effect the marker?	C /FER & Sign/Date	
computer			
straight knife			
band knife			
rotary knife			
hand shears			
die cutting			

pc 3.3 Cutting methods and techniques are described in relation to their effect on markers. (cont.)

Assessor Notes:

Assessment Decisions: Competent / Not Competent (circle one)

Assessor : _____ **Date:** _____

Action Plan for Further Evidence (if required)

CANDIDATE'S CHECKLIST (candidate to retain).

PRE-ASSESSMENT. (When I meet the assessor:)

		Tick
1	I agree to the unit standards/elements to be used for the assessment.	
2	The purpose and process of the assessment is explained to me.	
3	I agree to the amount and type of evidence to be collected.	
4	I agree to the date, time and location for the assessment.	
5	What happens to the assessment result and the appeals system is explained to me	
6	The assessor agrees to keep my Supervisor/Line Manager informed.	
7	The following resources will be available for the assessment::	

Candidate Signature: _____

Assessor Signature: _____

AFTER ASSESSMENT

1	The assessment was carried out as programmed above.	
2	I was informed of the assessment result.	
3	I was given sufficient feedback after the assessment.	
4	I signed the assessment record.	
5	If assessed competent the assessor signed the assessment record for forwarding to the ITO with my fee/s.	
*	If assessed not yet competent the elements to be reassessed were recorded in the Assessor's Register.	

Candidate Signature: _____

Assessor Signature: _____

Assessor to fill in details below when candidates is assessed competent:

Candidate's name:

Competent in unit standard number: 2740 V5

Assessors signature : _____ **Date:** _____

ASSESSMENT RECORD SHEET

Trainee Details (Trainee to complete)

Name _____ Date of birth: _____

Home address: _____

Employer: _____

Signed: _____ Date: _____

Assessor Details (Assessor to fill out)

As an ATITO workplace assessor I verify that I have assessed the person above as competent in the unit standard(s) listed below.

Signed: _____ Date: ____/____/____

Full Name: _____

WA Number:

It is recommended that Workplace Assessors contact the ATITO before embarking on assessment to ensure that they have the latest information.

Unit Id	Unit Standard Title	Level	Credit	Signed (Assessor)
2740 V5	Make markers for plain fabrics using an apparel CAD/CAM system	3	9	
TOTAL CREDITS				

Payment for credit fees enclosed (\$1.50 per credit):

- YES NO – ATITO will invoice employer - please attach company order number if necessary.

Assessor: Ensure this form is completed in full. Make 2 extra copies. Give one to the trainee, keep one for your files, and send the original to: **Apparel & Textile ITO, PO Box 13-210, Christchurch**