




<p>Unit Standard 5414 V6</p> <p>Perform tests on dyed and finished textile materials</p> <p>Level 3, 18 Credits, Entry: Open</p>	<p>Trainee: _____</p> <p>Assessor: _____</p>
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Unit Requirements	<p>To be credited with this unit standard you must be able to:</p> <ul style="list-style-type: none"> ➤ demonstrate knowledge of tests carried out on dyed materials; ➤ and reasons for testing; ➤ sample and test dyed material; ➤ and analyse and report on test results.
Special note:	<p>Plant safety practices and procedures comply with Health and Safety Employment (HSE) Act, 1992, and workplace procedures.</p> <p>Workplace productivity and quality requirements will be met.</p>
Notes to Trainee	<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="display: flex; align-items: center;">  <div style="display: flex; justify-content: space-between; width: 100%;"> (Trainee can answer verbally or in writing.) (Trainee to write or assessor to record) </div> </div>
Assessment	<p>Assessment for many of the tasks will be to Workplace Procedures and Requirements. You will need to discuss what these are with your trainer and/or assessor during your training period so that you are aware of what is required. Where these Procedures and Requirements 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>

Entry: Open

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>

Entry: Open

Element 1. Demonstrate knowledge of tests carried out on dyed materials and reasons for testing

Note to Trainee and Assessor:

You need to show competence with the tests listed below. You should also be competent with other tests used in your workplace. You should discuss the range of tests with your Trainer and Assessor before assessment.

p c 1.1 Test procedure and reasons for carrying out the test are described

p c 1.2 Calculations required by the test are carried out according to the test method

TEST: Wet and dry rub

**Competent(C)
Further
Evidence
Required (FER)
& Sign/Date**

Describe the test procedure.

Why is this test carried out?

Give an example to show that you can carry out calculations required by the test.

Entry: Open

Element 1. Demonstrate knowledge of tests carried out on dyed materials and reasons for testing (cont.)

TEST: Yield

**C /FER
& Sign/Date**

Describe the test procedure.

Why is this test carried out?

Give an example to show that you can carry out calculations required by the test.

Entry: Open

Element 1. Demonstrate knowledge of tests carried out on dyed materials and reasons for testing (cont.)

TEST: Shrinkage

		C /FER & Sign/Date
	<p>Describe the test procedure.</p> <p>Why is this test carried out?</p> <p>Give an example to show that you can carry out calculations required by the test.</p>	

Entry: Open

Element 1. Demonstrate knowledge of tests carried out on dyed materials and reasons for testing (cont.)

TEST: Dimensions

		C /FER & Sign/Date
	<p>Describe the test procedure.</p> <p>Why is this test carried out?</p> <p>Give an example to show that you can carry out calculations required by the test.</p>	

Entry: Open

Element 1. Demonstrate knowledge of tests carried out on dyed materials and reasons for testing (cont.)

TEST: Friction

**C /FER
& Sign/Date**

Describe the test procedure.

Why is this test carried out?

Give an example to show that you can carry out calculations required by the test.

Entry: Open

Element 1. Demonstrate knowledge of tests carried out on dyed materials and reasons for testing (cont.)

TEST: Sewability

		C /FER & Sign/Date
	<p>Describe the test procedure.</p> <p>Why is this test carried out?</p> <p>Give an example to show that you can carry out calculations required by the test.</p>	

Assessor Notes:

Entry: Open

Element 2. Sample and test processed material

Element 3. Analyse and report on test results


Note to Trainee and Assessor:

Some of your performance will be assessed against the Test Methods. You should be clear what these are and have, or have ready access to copies. You should ask your Trainer or Assessor if these are not available.

Element 2 requires you to demonstrate competence with any 6 tests from wet and dry rub, light fastness, wash fastness, yield, shrinkage, strength, dimensional stability, dimensions, friction, sewability, and other tests used in the workplace.

Element 3 requires you to show that you can competently analyse and report on the results from each of the 6 tests.


Test 1:

		Observed 	C /FER & Sign/Date
p c 2.1	Frequency/timing of sample is according to the operating procedure.		
p c 2.2	Sample is taken and handled according to the test method		
	selection		
	holding conditions		
	sub-sampling		
p c 2.3	Test procedure is carried out according to the test method		
	equipment assembled		
	conditioning requirements		
	test technique		
p c 2.4	Results are recorded according to workplace requirement		
p c 3.1	Test sample variables are calculated according to the test method		
p c 3.2	Results are studied and compared with plant standards to assess conformance to standard		
p c 3.3	Deviations from plant standard are reported to the designated plant staff and according to plant procedure		
p c 3.4	Test records, results, and reports are kept according to the plant procedure		


Entry: Open

Element 2. Sample and test processed material and 3. Analyse and report on test results (cont.)



Test 2:

		Observed 	C /FER & Sign/Date
p c 2.1	Frequency/timing of sample is according to the operating procedure.		
p c 2.2	Sample is taken and handled according to the test method		
	selection		
	holding conditions		
	sub-sampling		
p c 2.3	Test procedure is carried out according to the test method		
	equipment assembled		
	conditioning requirements		
	test technique		
p c 2.4	Results are recorded according to workplace requirement		
p c 3.1	Test sample variables are calculated according to the test method		
p c 3.2	Results are studied and compared with plant standards to assess conformance to standard		
3.3	Deviations from plant standard are reported to the designated plant staff and according to plant procedure		
3.4	Test records, results, and reports are kept according to the plant procedure		

Test 3:

		Observed 	C /FER & Sign/Date
p c 2.1	Frequency/timing of sample is according to the operating procedure.		
p c 2.2	Sample is taken and handled according to the test method		
	selection		
	holding conditions		
	sub-sampling		


Entry: Open

Element 2. Sample and test processed material and 3. Analyse and report on test results (cont.)			
Test 3		Observed 	C /FER & Sign/Date
p c 2.3	Test procedure is carried out according to the test method		
	equipment assembled		
	conditioning requirements		
	test technique		
p c 2.4	Results are recorded according to workplace requirement		
Test 3:			
		Observed 	C /FER & Sign/Date
p c 3.1	Test sample variables are calculated according to the test method		
p c 3.2	Results are studied and compared with plant standards to assess conformance to standard		
p c 3.3	Deviations from plant standard are reported to the designated plant staff and according to plant procedure		
p c 3.4	Test records, results, and reports are kept according to the plant procedure		

Entry: Open

Element 2. Sample and test processed material and 3. Analyse and report on test results (cont.)


Test 4:

		Observed 	C /FER & Sign/Date
p c 2.1	Frequency/timing of sample is according to the operating procedure.		
p c 2.2	Sample is taken and handled according to the test method		
	selection		
	holding conditions		
	sub-sampling		
p c 2.3	Test procedure is carried out according to the test method		
	equipment assembled		
	conditioning requirements		
	test technique		
p c 2.4	Results are recorded according to workplace requirement		
p c 3.1	Test sample variables are calculated according to the test method		
p c 3.2	Results are studied and compared with plant standards to assess conformance to standard		
p c 3.3	Deviations from plant standard are reported to the designated plant staff and according to plant procedure		
p c 3.4	Test records, results, and reports are kept according to the plant procedure		

Entry: Open

Element 2. Sample and test processed material and 3. Analyse and report on test results (cont.)


Test 5:

		Observed 	C /FER & Sign/Date
p c 2.1	Frequency/timing of sample is according to the operating procedure.		
2.2	Sample is taken and handled according to the test method		
	selection		
	holding conditions		
	sub-sampling		
p c 2.3	Test procedure is carried out according to the test method		
	equipment assembled		
	conditioning requirements		
	test technique		
p c 2.4	Results are recorded according to workplace requirement		
p c 3.1	Test sample variables are calculated according to the test method		
p c 3.2	Results are studied and compared with plant standards to assess conformance to standard		
p c 3.3	Deviations from plant standard are reported to the designated plant staff and according to plant procedure		
p c 3.4	Test records, results, and reports are kept according to the plant procedure		

Entry: Open

Element 2. Sample and test processed material and 3. Analyse and report on test results (cont.)


Test 6:

		Observed 	C /FER & Sign/Date
p c 2.1	Frequency/timing of sample is according to the operating procedure.		
p c 2.2	Sample is taken and handled according to the test method		
	selection		
	holding conditions		
	sub-sampling		
pc 2.3	Test procedure is carried out according to the test method		
	equipment assembled		
	conditioning requirements		
	test technique		
pc 2.4	Results are recorded according to workplace requirement		

Entry: Open

Element 2. Sample and test processed material and 3. Analyse and report on test results (cont.)

Test 6:

		Observed 	C /FER & Sign/Date
p c 3.1	Test sample variables are calculated according to the test method		
p c 3.2	Results are studied and compared with plant standards to assess conformance to standard		
p c 3.3	Deviations from plant standard are reported to the designated plant staff and according to plant procedure		
p c 3.4	Test records, results, and reports are kept according to the plant procedure		

Assessor Notes:

Assessment Decisions : Competent / Not Competent (circle one)

Assessor : _____ **Date:** _____

Action Plan for Further Evidence (if required)

Entry: Open

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: 5414 V6

Assessors signature : _____

Date: _____

Entry: Open

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: ____/____/____

WA Number:

Full Name: _____

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)
5414 V6	Perform tests on dyed and finished textile materials	3	18	

TOTAL CREDITS

Payment for credit fees enclosed (\$1.55 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**