

Unit Standard: 24833

Identify and maintain fencing tools and equipment, and identify fencing construction materials and wire types

Assessment

Learner to complete	
Learner name:	
Learner phone number:	
Learner address:	
Learner declaration: I declare that all work is my own.	
Signature:	Date:

Assessor to complete	
Result	<input type="checkbox"/> Standard achieved <input type="checkbox"/> Further evidence required
Comments/Areas to revisit:	
Assessor name:	
Signature:	Date:

Re-assessment (if required) – Assessor to complete	
Re-assessment date:	
Result	<input type="checkbox"/> Standard Achieved <input type="checkbox"/> Further Evidence Required
Signature:	Date:

Instructions

- Write your name, phone number, and address on the front page.
- Answer all questions in the spaces provided, use more paper if required.
This assessment can also be completed **verbally** with the Verifier/Assessor. If you would like to do this assessment verbally, the Verifier/Assessor must write down your answers in the spaces provided, and initial when they have done so. The verbal sign off must also be completed at the end of the assessment.
- You must show that you have achieved the standard by fully completing this assessment.
- If you do not reach the standard, you will have another opportunity (chance) to do the assessment again.
- This is an open book assessment.
- If you require this assessment to be printed on coloured paper, contact Primary ITO on 0800 20 80 20 and talk our Learning Support team.



Completing this assessment **verbally** – this means you can tell your Verifier/Assessor your answers instead of writing them down.

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2 July 2020

Definitions

Definition	Description
On-farm procedures	These are the verbal or written instructions to staff on procedures for animal health, welfare and management.

Note: It is important to note that legislation (law) that relates to this unit standard includes the Health and Safety at Work Act 2015 (HSWA), and any workplace standards or procedures.

Outcomes

Learning outcome		Activity
1	Demonstrate knowledge of fencing tools and construction materials, and describe their function.	1
2	Maintain fencing tools and equipment.	1 & 2

Evidence

Provide evidence for each activity that clearly shows tasks have been done by the person who is being assessed. This evidence can include:

- complete written responses to the questions and tasks
- photographs that show work that has been or is being undertaken
- documents and diagrams that detail workplace procedures.

The person who observes the tasks, and signs the assessment, needs to file this evidence as proof the activity has been successfully completed.

Assessment

You will need to work through the following activities.





Your Verifier/Assessor will initial and date each activity when they are confident that you have achieved the learning outcome.




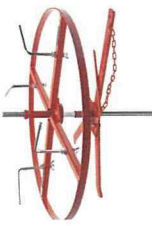






Activity 1: Fencing tools and construction materials


This activity requires you to answer all of the following questions.

1. Complete the table below. For each tool include:
 - a name
 - what the tool is used for
 - how you clean and store the tools after use.








Tool	Name of tool	What is it used for?	How do you clean and store it?
			
			
			
			


Tool	Name of tool	What is it used for?	How do you clean and store it?
			
			
			
			

Tool	Name of tool	What is it used for?	How do you clean and store it?
			
			
			
			

Tool	Name of tool	What is it used for?	How do you clean and store it?
			

2. Fill in the table below with the name of the material and what it is used for.

Construction material	Name of material	What is it used for?
		
		
		
		
		
		
		

Construction material	Name of material	What is it used for?
		
		
		
	(For use with a gate)	
		
		

Activity 1: Fencing tools and construction materials	Verifier
The Learner can identify tools and materials, describe what they are used for, and how to clean and store tools after use.	Name & date



Activity 2: Maintain and repair fencing tools and equipment

It is important to carry out basic maintenance and repairs to tools and equipment safely in order for tools to function well during on-farm procedures.

Complete the following table by describing the basic maintenance and repairs you have carried out, or might need to carry out, on the following equipment.

Equipment	Maintenance	Repairs
Fencing spade		
Chisel		
Shovel		

Equipment	Maintenance	Repairs
Wire coils		
Wire dispenser		
Chain wire strainers		

Activity 2: Maintain and repair fencing tools and equipment	Verifier
The Learner can describe basic maintenance and repairs on fencing tools and equipment.	Name & date



Activity 3: Breaking strain of different wire types

It is important to know the breaking strain of different types of wire. Breaking strain information can be found in either manufacturer's publications (including on their websites) or on labels on wire coils.

Fill in the following table by listing a brand or make of wire, the breaking strain for that wire, and where you found the information about the breaking strain.

Type of wire	Brand/make	Breaking strain	Breaking strain information from
4 mm galvanised mild steel			
2.5 mm galvanised HT			
Fabricated netting			
Barbed wire			

Activity 3: Breaking strain of wire types	Verifier
The Learner can identify the breaking strain of different types of wire.	Name & date



Activity 4: Fencing wire types and their uses

For each of the fence wire types below, identify the types of livestock they will be used for, what kind of damage they may cause livestock, and what might affect the durability of the fence.

1. A fence containing 2.5 mm galvanised high tensile (HT).

- This wire type is suitable to be used with what type of livestock?

- What kind of damage can this fence wire do to livestock?

- What might affect the durability of this type of wire?

2. **A 1900 mm fabricated netting fence.**

- This netting fence is suitable to be used with what type of livestock?

- What kind of damage can this fence netting do to livestock?

- What might affect the durability of this netting?

3. **A fence containing barbed wire.**

- This wire type is suitable to be used with what type of livestock?

- What kind of damage can this fence wire do to livestock?

- What might affect the durability of this type of wire?

4. **A fence containing 4 mm mild steel (No. 8) wire.**

- This wire type is suitable to be used with what type of livestock?

- What kind of damage can this fence wire do to livestock?

- What might affect the durability of this type of wire?

Activity 4: Fencing wire types and their uses	Verifier
For different fencing wire types, the Learner can identify the type of livestock the wire will be used for, the damage the wire may cause livestock, and what might affect the durability of the wire.	Name & date

Learner comments	
Learner name:	
Signature:	Date:
<p>Learner comments:</p> <p>For example: How did you find the Assessment? Was it clear to understand? How well did it relate to your workplace? What could be done to make it better?</p>	

If the Assessment was completed verbally, the following verbal sign-off must be completed as well.

Verbal sign-off	
Verifier/Assessor to complete:	
<input type="checkbox"/> I recorded the answers as given to me verbally by the Learner.	
Learner to complete:	
<input type="checkbox"/> The Verifier/Assessor wrote down the information that I gave them for this Assessment.	
<input type="checkbox"/> They have read my answers back to me and I agree that those are accurate and ready to be assessed.	
Learner signature:	Date:

Verifier declaration – Unit standard 24833 v2

The Learner demonstrated that they have achieved all the outcomes for this unit standard.

Verifier comments:

Final overall comments on the Learner's ongoing competency, attitude, behaviour, and confirmation that they have successfully demonstrated they can identify and maintain fencing tools and equipment, and identify fencing construction materials and wire types.

Learner name:

Verifier name:

Signature:

Date:

Job title:

Contact details

Phone:

Email:

Assessor final sign-off

This section is to be completed when final competency of unit standard 24833 v2 is achieved.

Learner name:

Verification record – please complete all details below

Assessor comments:

Assessor name:

Assessor no:

Signature:

Date:

Contact details

Phone:

Email:

Resource Feedback

In order to keep our resources as up-to-date and relevant as possible we would appreciate any comments, feedback or suggestions you may have with regard to this particular resource or others that you have used.

Please contact us via email **product@primaryito.ac.nz** if you have any suggestions that you feel would be useful.

Please remember to indicate the resource you are giving feedback on in your email, and please provide your contact details.

Thank you for taking the time to provide us with feedback.

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