

Unit Standard: 37

Install fencing wire

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

Standard achieved

Further evidence required

Comments/Areas to revisit:

Assessor name:

Signature:

Date:

Re-assessment (if required) – Assessor to complete

Re-assessment date:

Result

Standard Achieved

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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9 July 2020

Definitions

Definition	Description
Industry procedures	The procedures outlined in Fencing the Proven Way. This resource can be found on the wiremark.co.nz web site or phone 0800 PACWIRE.

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	Select, run out, and set line wires.	1
2	Pre-tension, tension, and terminate line wires.	2
3	Staple line wires.	3

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
- photos of tasks in progress and/or completed
- 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.

All evidence generated for assessment against this standard must meet relevant workplace procedures.

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: Select, run out, and set line wires

You must show that you can select, run out, and set line wires.

To show that you have completed this task, you must answer the questions and attach photographs showing a fence that you are constructing.

1. Describe the fence you are planning to build.
 - a. What is the purpose of the fence? (what the fence will be used for).

b. Describe **or** draw a diagram of the fence. You must include:

- the type of fence
- the type of terrain it will be built on
- the fence length
- the fence design.



Attach **two** photos that show the types of terrain the fence will be built on.



Sample copy

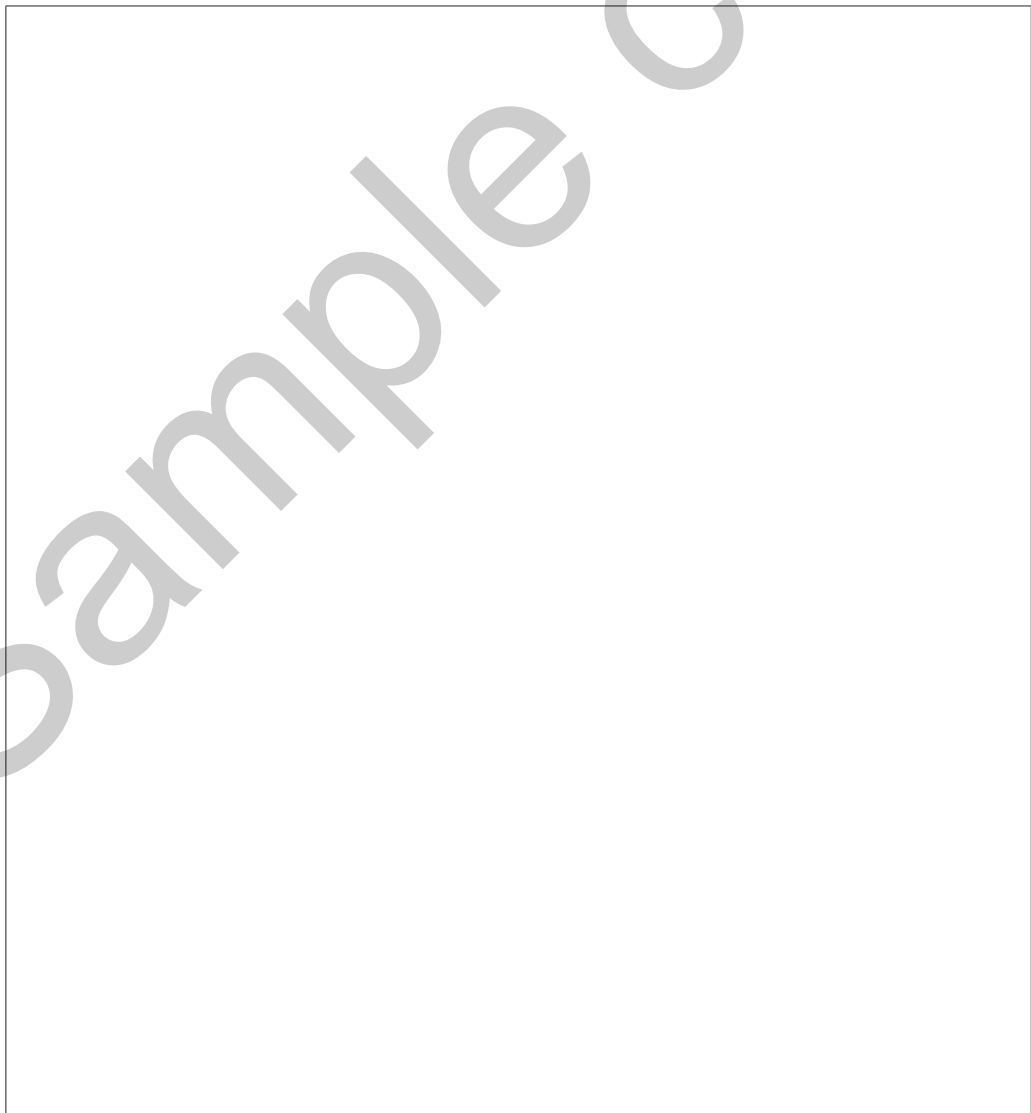
c. What did you do to make sure the wires were drawn from the wire dispenser along the entire fence without kinking or damaging the galvanising?

Attach a photo showing you drawing wires from the wire dispenser.



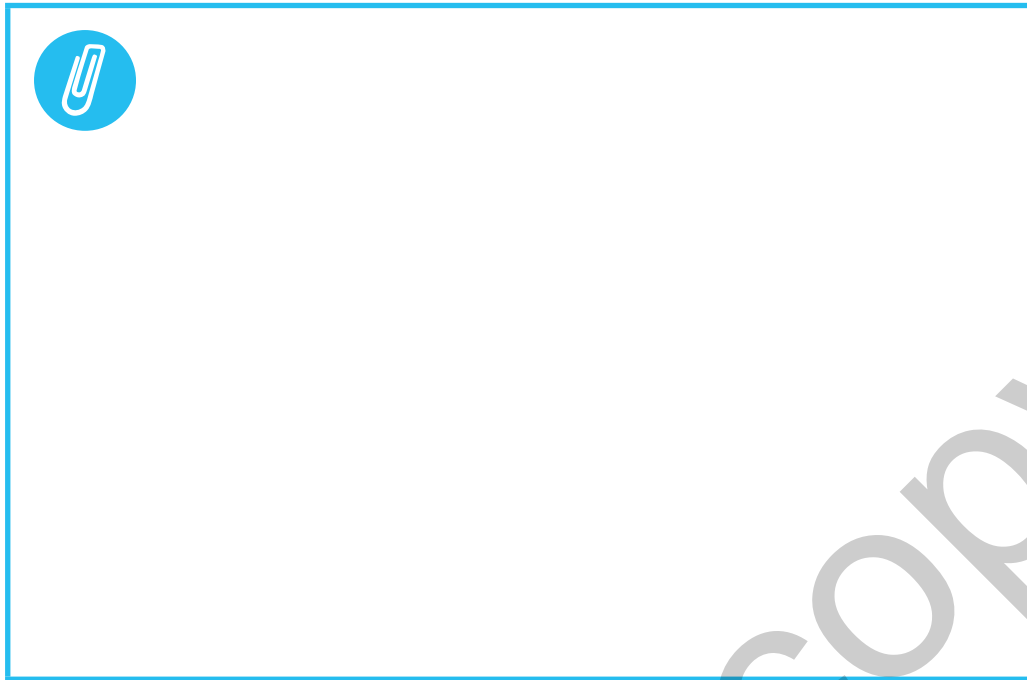
d. Describe **or** draw a diagram to show:

- how you positioned the first and second wires
- how you attached them to the posts.



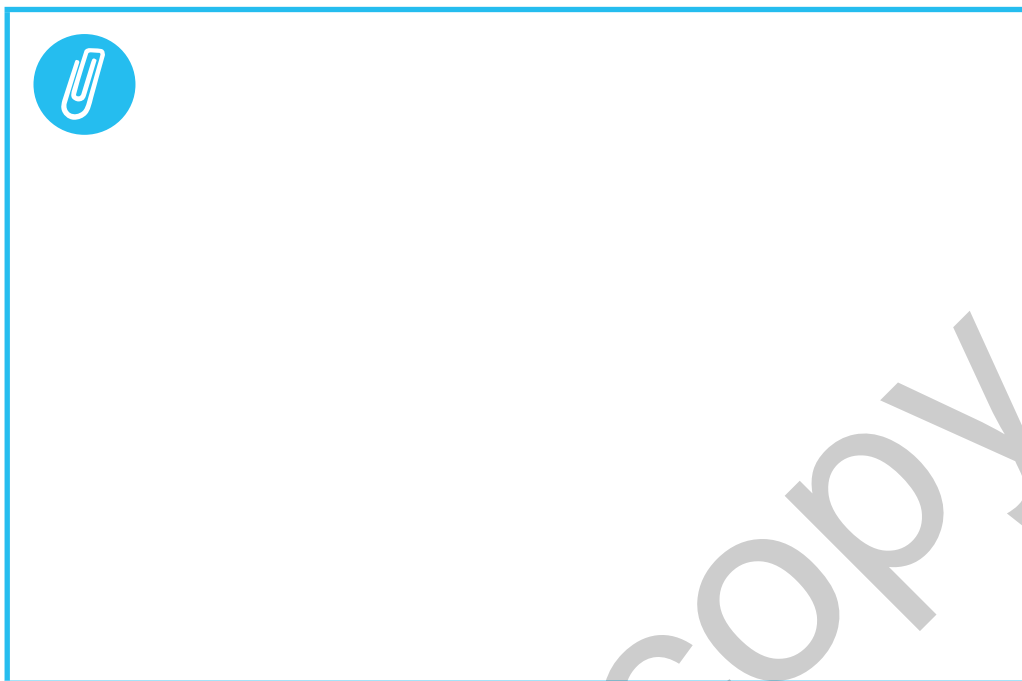
Sample copy

Attach a photo showing you positioning the wires.



e. What did you do to make sure the wires were evenly spaced for the length of the fence?

Attach a photo of you making sure the wires are consistently spaced.



Sample copy

Verifier to record

Activity 1: I have observed the Learner's work performance, and confirm that they can select, run out, and set line wires.

Comments:

(Include details about the preparation tasks the Learner completed to prepare for their fence build).

Please tick to confirm each of the following criteria have been met:

- Wire size and type are selected according to fence design.
- Wires are drawn from wire dispenser along entire fence without kinking or damage to galvanising.
- Wire is positioned and attached to primary posts according to fence design.

Supporting evidence provided and checked:

- Photos that match the tasks required.

Verifier name:

Signature:

Date:



Activity 2: Pre-tension, tension, and terminate line wires

You must show that you can pre-tension, tension, and terminate line wires.

To show that you have completed this task, you must answer the questions and attach photographs showing what you did. The fence in this Activity **must** be the same fence used in Activity 1.

1. Describe how you pre-tensioned the fence.
 - a. What did you do to pre-tension the fence using chain wire strainers?

Attach a photo of you using chain wire strainers to pre-tension the wires.



- b. Describe **or** draw a diagram showing what you did to make sure you did not damage the wire when using chain wire strainers.



c. How did you staple rise and footed posts?

Attach a photo of you stapling rise and footed posts.



2. Describe how you tensioned the fence.

a. What is breaking the strain of the wire you are using to build the fence?

b. How many kilograms of force (kgf) did you tension your fence to?

Sample copy

c. Describe **or** draw a diagram showing how you set the tension of the wires evenly.



d. How did you make sure that tension was held when chain wire strainers were let go?

Attach a photo of you tensioning the wires.



3. Describe how you terminated line wires.

a. How did you terminate line wires?

- b. Describe **or** draw a diagram showing how you positioned termination knots to make sure it was secure and did not cause 'knock up' or 'knock slack'.



Sample copy

Attach a photo of you positioning termination knots.



Sample copy

c. Describe **or** draw a diagram showing how you joined or tied off the wire.



Attach a close-up photo of a termination knot you tied.



Sample copy

Verifier to record

Activity 2: I have observed the Learner's work performance, and confirm that they can pre-tension, tension, and terminate line wires.

Comments:

(Include details about the tasks completed by the Learner to stabilise the fence).

Please tick to confirm each of the following criteria have been met:

- Termination knots are positioned according to assembly type to avoid 'knock up' or 'knock slack'.
- Wire is pre-tensioned using chain wire strainers on face side of fence and without damaging wire.
- Wire is joined or tied off according to industry procedures.
- Wire tension is uniformly set according to industry procedures.
- Wires are tensioned and terminated according to industry procedures.
- Tension is retained when chain wire strainers are released.

Supporting evidence provided and checked:

- Photos that match the tasks required.

Verifier name:

Signature:

Date:



Activity 3: Staple line wires

You must show that you can staple line wires.

To show that you have completed this task, you must answer the questions and attach photographs showing what you did. The fence you describe **must** be the same fence you described in Activity 1 and 2.

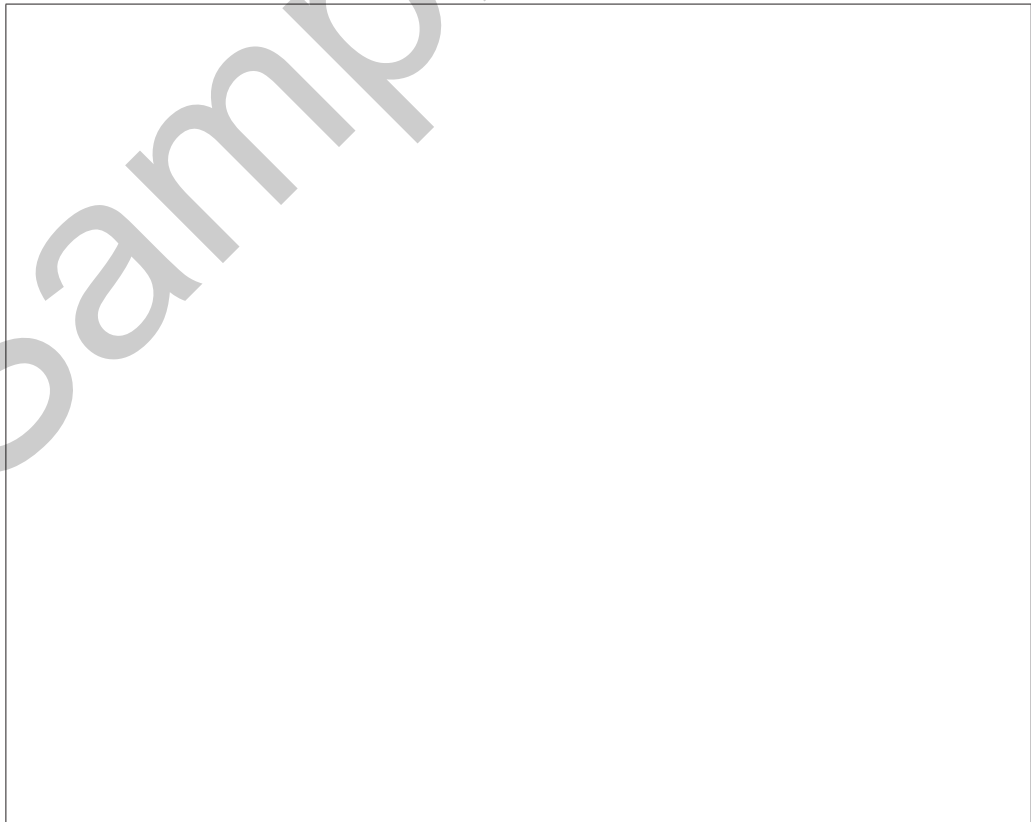
1. For this fence purpose and design, why did you position the line wires where you did?

2. Describe how you stapled the line wires.

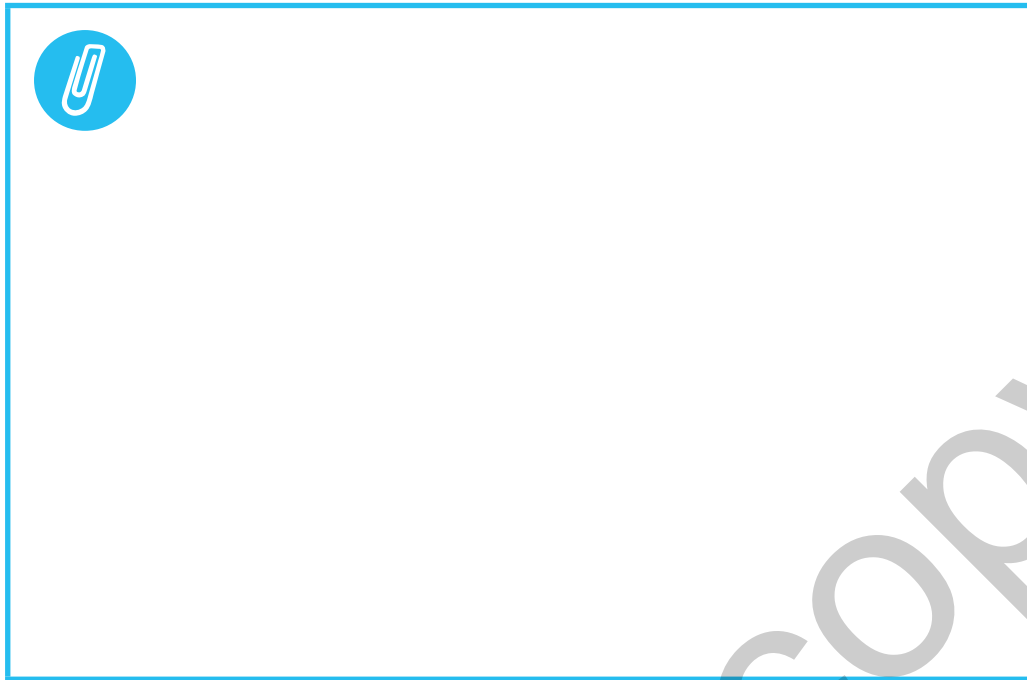
a. Describe **or** draw the process you followed to make sure the wires were stapled correctly?

Include how you:

- maintained staple loading
- made sure there was minimum wire clearance
- made sure the wire did not bind to the post.

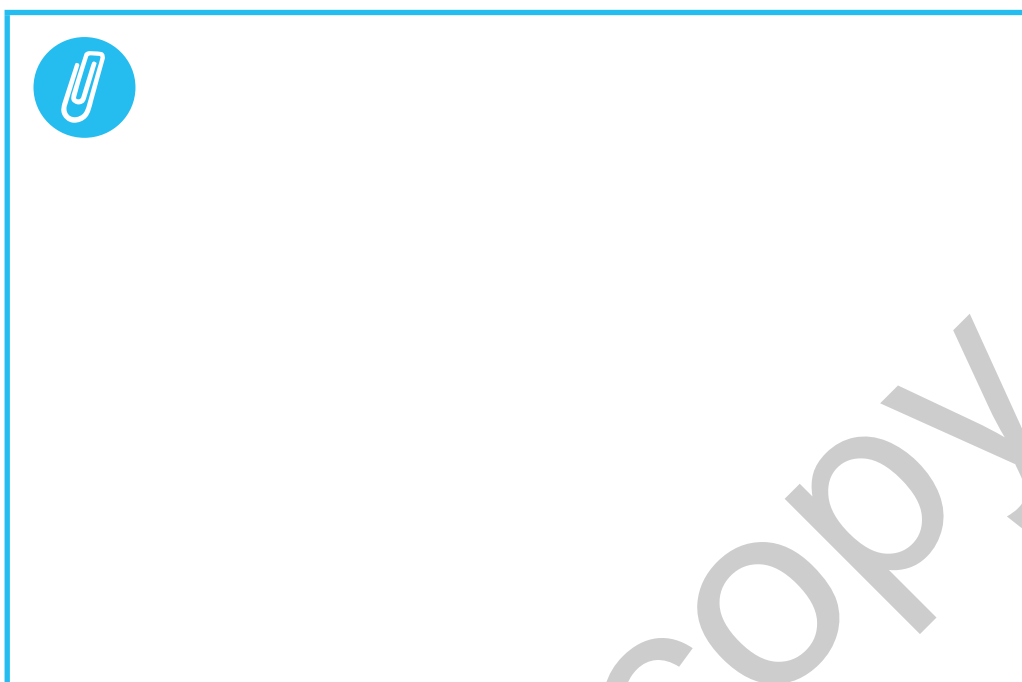


Attach a photo of you stapling the fence.



b. What did you do – or would you do – with bent staples or staples that stick out?

Attach a photo of you standing in front of a section of your finished fence.



Sample copy

Verifier to record

Activity 3: I have observed the Learner's work performance, and confirm that they can staple line wires.

Comments:

(Include details about the tasks completed by the Learner to complete the fence construction).

Please tick to confirm each of the following criteria have been met:

- Line wires are positioned according to fence purpose and design.
- Post staples are driven and skewed with minimum wire clearance, and without binding wire to post.
- True staple loading is maintained to all primary and secondary posts.
- All remaining rise and footed posts are stapled first, and subsequent posts stapled until fence is completed.
- Bent or protruding staples are removed and replaced.

Supporting evidence provided and checked:

- Photos that match the tasks required.

Verifier name:

Signature:

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 37 v5

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 install fencing wire.

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 37v5 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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