

Task 1: Fencing Tools and Equipment

To complete the Assessment Tasks for this unit, you will need to have access to a farm or property involved in installing, maintaining and repairing fencing.

1. Ask your Supervisor to show you fencing tools, materials and equipment to be used on the project. List the items below noting where they are stored and how they are cleaned.

| Tools/ Item of Equipment | Storage Location | Cleaning Procedure |
|--------------------------|------------------|--------------------|
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Task 1: Fencing Tools and Equipment (cont.)

2. What steps would you take if one of your tools or items of equipment were broken?

3. Which tools and equipment are the most dangerous to use? Explain why.

4. How are fencing materials and equipment transported to the fencing site?

5. List the personal protective equipment you should use when fencing.

Task 2: Fence Installation

To complete the Assessment Tasks for this unit, you will need to assist in installing a post and wire fence. Ask your Supervisor to explain each step of the process and what safety hazards to watch out for.

1. List four (4) steps you would take to ensure that the fencing site is safe for work.

- 1
- 2
- 3
- 4

2. List two (2) environmental impacts that you would need to assess for before fencing.

- 1
- 2

3. List five (5) steps required to install stays and fence posts.

- 1
- 2
- 3
- 4
- 5

4. List eight (8) steps required to fix and tension wire.

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8

5. List eight (8) steps required to install gates.

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8

Task 2: Fence Installation (cont.)

6. List three (3) tasks that are dangerous when fencing and explain how you would minimise the risks associated with each task.

| Task | Actions to minimise risk |
|------|--------------------------|
| 1. | 1. |
| 2. | 2. |
| 3. | 3. |

7. Scenario: You are erecting a fence around a playground. Under legislation are you required to use CCA Treated Pine or Cyprus Pine? Why?

8. Scenario: You have been asked to install a 3.5km straight fence consisting of three (3) strains of plain wire with intermediate posts every twenty (20) metres.

- How many posts are required (excluding the end assemblies)?
- If you use 1.5km rolls of wire, how many rolls of wire are required?

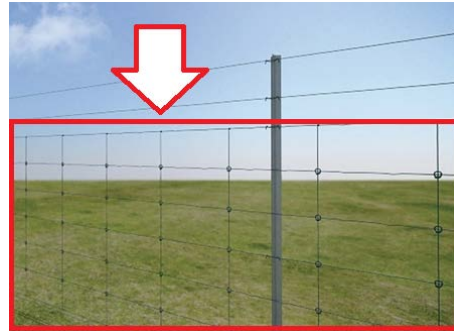
Task 2: Fence Installation (cont.)

9. Name the types of wire in the following pictures and describe where you would use the wire.
 (Hint: See Download Types of fencing wire in the Undertake fence installation section.)



Type of wire:

Situation where you would use this wire:



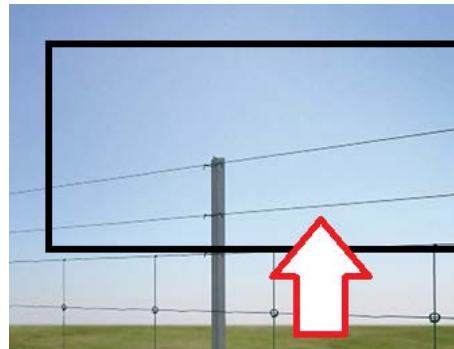
Type of wire:

Situation where you would use this wire:



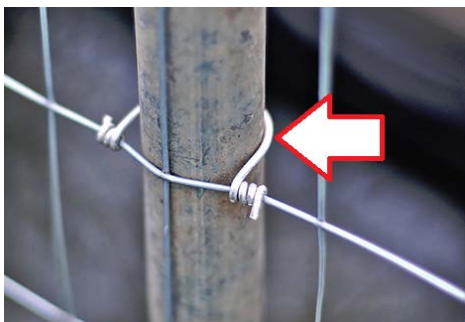
Type of wire:

Situation where you would use this wire:



Type of wire:

Situation where you would use this wire:



Type of wire:

Situation where you would use this wire:



Type of wire:

Situation where you would use this wire:

Task 2: Fence Installation (cont.)

10. Name the knots in the pictures below and state where you would use them on the fence.

(Hint: See Download Fencing knots in the Undertake fence installation section.)

(a) Which type of knot is shown on the right? (Tick the box.)

- | | |
|---|--|
| <input type="checkbox"/> The double loop knot | <input type="checkbox"/> The pin and loop knot |
| <input type="checkbox"/> The orange knot | <input type="checkbox"/> The figure eight knot |

In what situations would this type of knot be used?



(b) Which type of knot is shown on the right? (Tick the box.)

- | | |
|---|--|
| <input type="checkbox"/> The double loop knot | <input type="checkbox"/> The pin and loop knot |
| <input type="checkbox"/> The orange knot | <input type="checkbox"/> The figure eight knot |

In what situations would this type of knot be used?



(c) Which type of knot is shown on the right? (Tick the box.)

- | | |
|---|--|
| <input type="checkbox"/> The double loop knot | <input type="checkbox"/> The pin and loop knot |
| <input type="checkbox"/> The orange knot | <input type="checkbox"/> The figure eight knot |

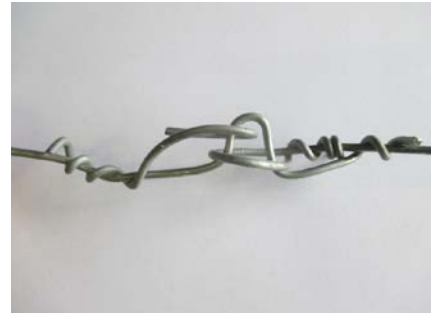
In what situations would this type of knot be used?



(d) Which type of knot is shown on the right? (Tick the box.)

- | | |
|---|--|
| <input type="checkbox"/> The double loop knot | <input type="checkbox"/> The pin and loop knot |
| <input type="checkbox"/> The orange knot | <input type="checkbox"/> The figure eight knot |

In what situations would this type of knot be used?



Photos and knots: Peter Henry

Task 3: Fence Repair and Maintenance

To complete the Assessment Tasks for this unit, you will need to assist in the repair and maintenance of a fence. Ask your Supervisor to explain each step of the process and what safety hazards to watch out for.

1. What tools and equipment will you need to replace a rotten fence post?

2. List the steps required to replace a rotten post, including how you would dismantle the fence, recover re-usable materials, and dispose of non re-usable materials.

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8

3. Talk to your Supervisor about the types of repairs and maintenance that you may be required to carry out on a fence and gate. List two (2) repairs/maintenance tasks for each.

| FENCE | GATE |
|-------|------|
| 1 | 1 |
| 2 | 2 |

4. To whom would you report safety concerns and maintenance /repair works?

Task 4: Complete Fencing Work

To complete the Assessment Tasks for this unit, you will need to assist with the dismantling of a fence. Ask your Supervisor to explain each step of the process and what safety hazards to watch out for.

1. Describe how you would store or dispose of the following items.

| | |
|--------------------------|--|
| Good posts | |
| Reusable wire | |
| Rotten posts | |
| Staples and wire offcuts | |
| Rusty wire | |

2. a) What two (2) details does CVA require you to report after installing and maintaining a fence?

- 1.
- 2.

b) Where is this information recorded?