

Assessment Guide

Domain Forestry > Forest Operations

Unit 17772 v6 Demonstrate knowledge of environmental requirements in forestry operations Level 3 Credits 5

Entry information

There are no pre-requisite requirements for this unit.

Candidate to complete

Name	Company
NSI No.	Email / phone

Pre-assessment confirmation

I, the **candidate**,

- Understand the assessment process and assessment requirements for this unit.
- Understand the appeals and resubmission processes.
- Believe I have the skills and knowledge to successfully complete the assessment.

Assessor to complete

Name	Company
Email / phone	

Pre-assessment confirmation

- I, the **assessor**, can confirm the candidate has achieved any pre-requisite requirements.

Assessment instructions

You will need to be able to show you can:

- Describe environmental considerations for forestry.
- Demonstrate knowledge of legislation that impacts on environmental management of commercial forestry.
- Describe the environmental requirements for a specific forestry operation in terms of the job prescription.

Important information

- Carefully read through the rest of this Assessment so you know exactly what is expected.
- All evidence you provide for this assessment must be your own work.
- Clearly name and label all attached evidence.

What you need to do

	Question Set 1 – Environmental Considerations
	Question Set 2 – Legislation
	Question Set 3 – Environmental Requirements

You can also attach additional evidence which shows you have the required skills and knowledge, e.g. photos, worksite documents, checklists, work samples, videos.



Question Set 1 – Environmental Considerations

These questions are about natural and physical resources, and the positive and negative effects of forestry operations.

Use your own words. Your assessor may ask you more questions to check your understanding.

1. Give **four** examples of physical, and **three** examples of natural resources associated with commercial forestry.



2. Describe the positive environmental effect plantation forestry has on each factor.



Factors	Positive environmental effect
Air quality	
Water quality	
Wildlife habitat	
Land stability	
Recreation	
Flood control	

Employment	
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Assessor – record key points from candidate's verbal answers as accurately and fully as possible.

These answers were written by:

Candidate

Assessor

4. Explain what happens for each consequence when you fail to meet the environmental requirements of the job prescription.



Consequence	Explanation
Re-work	
Fines	
Imprisonment	
Loss of contract	

Assessor – record key points from candidate’s verbal answers as accurately and fully as possible.

These answers were written by:

Candidate

Assessor

Question Set 3 – Environmental Requirements

These questions are about the environmental requirements of your current operation.
Use your own words. Your assessor may ask you more questions to check your understanding.

1. Check the job prescription for your current operation and answer the following questions.
 - a. What type of operation is it?
 - Land preparation
 - Harvesting
 - Establishment and silviculture
 - Roding
 - b. What are the environmental constraints and/or specific requirements that must be met?
Give at least **three**.

c. Describe **three** potential negative effects your current operation could have on the environment. □

For each:

- Describe what could cause it.
- Tick the values at risk.

Environmental effect	Cause	Values at risk
		<input type="checkbox"/> Soil and Water <input type="checkbox"/> Scenic and Landscape <input type="checkbox"/> Historic and Heritage <input type="checkbox"/> Scientific Values <input type="checkbox"/> Ecological <input type="checkbox"/> Recreational
		<input type="checkbox"/> Soil and Water <input type="checkbox"/> Scenic and Landscape <input type="checkbox"/> Historic and Heritage <input type="checkbox"/> Scientific Values <input type="checkbox"/> Ecological <input type="checkbox"/> Recreational
		<input type="checkbox"/> Soil and Water <input type="checkbox"/> Scenic and Landscape <input type="checkbox"/> Historic and Heritage <input type="checkbox"/> Scientific Values <input type="checkbox"/> Ecological <input type="checkbox"/> Recreational

2. Who on your worksite is responsible for making sure everyone complies with environmental legislation and worksite procedures?

Give the person's name and job title.

3. Give **three** ways environmental requirements specific to your operation are communicated to you at your worksite.

4. Explain the following **two** terms.

Term	Meaning
Environmental incident	
Environmental emergency	

5. Answer questions 5a – 5c about how you would report an environmental incident or emergency at your worksite?

a. Who would you report to?

b. How would you report it?

c. What documentation must be completed?

Assessor – record key points from candidate's verbal answers as accurately and fully as possible.

These answers were written by:

Candidate

Assessor

Assessment result

Post-assessment feedback

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Assessor judgement

I, the **assessor**, have reviewed the candidate's evidence for Unit Standard <number> v<> and judge that it is sufficient and authentic.

I confirm the candidate can competently:

- Describe environmental considerations for forestry.
- Demonstrate knowledge of legislation that impacts on environmental management of commercial forestry.
- Describe the environmental requirements for a specific forestry operation in terms of the job prescription.

Assessment result

<input type="checkbox"/> I, the assessor , confirm the candidate has achieved this unit standard.		Stamp
Signature	Date	

Candidate response

I, the candidate :	<input type="checkbox"/> Agree with the assessment result.	<input type="checkbox"/> Wish to appeal.
Signature	Date	