Assessment Guide

Domain	Forestry > Forest Operations				
Unit	24575	v5	Demonstrate knowledge of factors that affect the quality of commercial forestry operations	Level 3	Credits 5

Entry information

There are no pre-requisite requirements for this unit.

Candidate to complete	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					



Assessment instructions

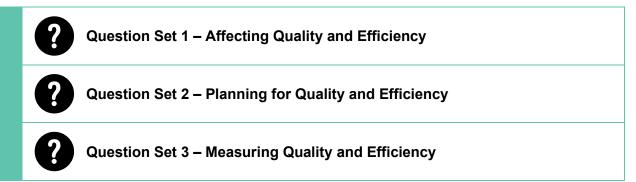
You will need to be able to show you can:

- Demonstrate knowledge of quality control in forestry operations.
- Demonstrate knowledge of factors that impact on the efficiency of a forest operation.
- Analyse the effect of personal performance on productivity and product quality.

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



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 –Quality and Efficiency

These questions are about affecting quality and efficiency in forestry operations.

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

Describe clearly what is involved in each stage of the following	ng operations:
Establishment	
Preparing	
Planting	
- Lanung	
Blanking	
Releasing	

Silviculture
Pruning
Thinning
Harvesting Tree felling
Extraction
Log making and processing

2.	What are two factors that positively impact crop quality in establishment?	
	1.	
	2.	
	2.	
3.	What are two factors that positively impact crop quality in silviculture?	
	1.	
	2.	
4.	What are two factors that positively impact crop quality in harvesting.	
	1.	
	2.	

5.	How does your personal time management affect how much work you get done? Include in your answer distractions from personal life, your own use of time, including start time, breaks and finish time.	
6.	How does the quality of your own work affect product quality?	
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7.	What downstream operations does your work affect?	П

8.	How does your own work affect these downstream operations?	
9.	How does the training you have been given affect the way you work?	

10.	How can you improve the way you work	?		
Time	management			
Qual	ity			
Distr	actions from personal life			
Asses	sor – record key points from candidate's verb	al answers as accurately a	nd fully as possible.	
These	answers were written by:	☐ Candidate	☐ Assessor	



Question Set 2 – Planning for Quality and Efficiency

These questions are about to plan and maintain quality and efficiency in a forestry operation.

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

1.	Give two examples of how your crew manager organises the crew to ensure quality is maintained.	
	1.	
	2.	
2.	Give two examples of how your crew manager plans equipment use to ensure quality is maintained.	
	1.	
	2.	
3.	How does your crew manager identify and manage bottlenecks to ensure quality is maintained?	
	Describe at least two ways.	
	1.	
	2.	

4.	Give two examples of how your crew manager makes sure compliance requirements are met. 1.	
	2.	
5.	How can effective crew time management help a forestry operation?	
6.	How can crew training affect the efficiency of a forestry operation?	

Assessor – record key points from candidate's verb	al answers as accurately a	nd fully as possible.
These answers were written by:	☐ Candidate	☐ Assessor

How does efficient use of plant (machinery), equipment and labour affect the overall quality and profitability of a forestry operation?

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Question Set 3 – Measuring Quality and Efficiency

These questions are about how quality and efficiency are measured in a forestry operation. Use your own words. Your assessor may ask you more questions to check your understanding. 1. Why are job prescriptions important in quality control? 2. Why is regular quality control important for each of the following: maintaining production output avoiding unnecessary rework time maintaining stable contracts keeping up crew morale adding value safety fatigue **Maintaining production** Minimising rework time

Contract stability	
Crew morale	
Adding value	
Safety	
Fatigue	

These a	answers were written by:	☐ Candidate	☐ Assessor			
Assessor – record key points from candidate's verbal answers as accurately and fully as possible.						
		-1	and faultice and a second second			
	3.					
	2.					
	1.					
O.		a to measure quality.				
5.	Describe three items of equipment used	d to mossure quality				
	2.					
	1.					
4.	Describe two sampling methods used to	o measure quality.				
•	Trow are Job Frescriptions used to set of	juanty standards:				
3.	How are Job Prescriptions used to set of	uuality standards?				

Assessment result

Post-assessment feedback								
Assessor judgement								
I, the assessor , have reviewed the candidate's evidence for Unit Standard 24575 v5 and judge that it is sufficient and authentic.								
I confirm the candidate can competently:								
☐ Demonstrate knowledge of quality control in forestry operations.								
 □ Demonstrate knowledge of factors that impact on the efficiency of a forest operation. □ Analyse the effect of personal performance on productivity and product quality. 								
— Analyse the effect of personal performance on productivity and product quality.								
Assessment result								
☐ I, the assessor , confirm the candidate has achieved this unit standard. Stamp								
Signature	Date							
Candidate response								
I, the candidate:	te: ☐ Agree with the assessment result.		☐ Wish to appeal.					
Signature		Date						