

Learner Self-reflection 2 – 24360 (v3) Demonstrate knowledge of timber and other construction materials used in BCATS projects

Student name:

1. Explain the following terms.

Indigenous:

Exotic:

Imported:

2. Name the most commonly grown timber in New Zealand.

3. List five uses for Radiata Pine.

1.	
2.	
3.	
4.	
5.	

4. What do the following abbreviations mean?

RS	
D4S	
KD	
RAD	
MG	
BT	

5. Abbreviate the following for a timber order.

- a)** New Zealand Oregon, 75 x 50, Number 1 grade, dressed four sides, air dried, selected lengths, 2 lengths @ 5.4 metres, 5 lengths @ 4.8 metres.

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- b)** Radiata pine, 150 x 50, rough sawn, treatment level H4, tongue and grooved, random lengths to 45 metres.

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6. What are 3 conditions needed for seasoning timber?

1.	
2.	
3.	

7. Why should fillets be placed between the boards when seasoning?

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8. What will happen to the timber if the fillets are not vertically aligned?

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9. What are 3 advantages of kiln seasoning over air seasoning?

1.	
2.	
3.	

10. Complete the following sentences:

Equilibrium Moisture Content (EMC) is reached when the moisture

Most shrinkage of timber will occur in the

Shrinkage will start to occur when timber has reached its Fibre _____

_____ which is 25 to _____% MC.

11. Describe the consequences of using timber with a moisture content of 25% to construct a cabinet.