

Learner Self-reflection – 24358 (v3) Plan and monitor the construction of a BCATS project and quality check the product

Student name:

1. Once the job specifications have been received and confirmed, what should we look for when checking them in detail before commencing the production of the job?

2. Why is it important to maintain a clean and efficient working environment?

3. The top of a saw stool has to be cut to a length of 700 mm +/- 10mm. What range of sizes would be acceptable to meet the requirements of the job specifications?

4. Identify the range of sizes that would be deemed acceptable for the following specifications within tolerances as specified.

500mm (with a tolerance of -5mm):

720mm x 265mm (with a tolerance of +/- 5mm):

5. What information is contained in the specifications?

6. What must be done if a person is unsure of any part of a job specification?

7. Why is it necessary to implement quality checks at each stage of the job?

8. List 4 quality control methods that could be used during the construction of a project.

- 1.
- 2.
- 3.
- 4.

Planning for the construction of a fence

9. For the construction of a fence, organise the tasks below into a logical sequence. Write your sequence in the left hand column of the table on the next page.

- Identify boundary and set up string line.
- Fit cladding.
- Order timber and building materials.
- Concrete in posts.
- Mark out and dig holes.
- Receive and confirm job specifications.
- Clean up rubbish and waste material.
- Cut rails to length and nail to posts.

10. Identify the tools and equipment required to complete each stage from the list below. Write the answer in the centre column of the table on the next page. Add additional tools or equipment if needed.

Eye protection	Earmuffs	Saw	Hammer
Shovel	String line	Tape measure	Spirit level
Spade	Concrete mixer	Pencil	Square
Carpenter's apron	Trailer	Post-hole borer	Hose
Gumboots	Extension lead	Wheel barrow	Nail gun
Safety goggles	Residual current device (RCD).		

11. Identify the materials required to construct each stage of the fence. Write the answer in the third column of the table supplied on the following page.

Builder's mix	Posts	Cement	Rails	Nails	Braces	Cladding	Water.
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12. Identify 4 quality control checks that can be carried out to ensure that the project is correct and meets specifications.

e.g. Check that the holes are drilled to the correct depth.

1. _____

2. _____

3. _____

4. _____

13. Estimate the time each section will take. Write your answers in the fourth column of the chart on the next page.

Fence construction sequence

Stages of the task – determine a logical sequence of events	Tools required	Timber and hardware	Expected duration	Actual time
1				
2				
3				
4				
5				
6				
7				

8				
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