

Examples of written or verbal questions.

Set out on the following page are examples of the types of questions that your assessor might ask you when assessing you for recognition of prior learning in the competency: LMFFM3025B – Set up, operate and maintain routing and shaping machines

1. How much material allowance should be added to (1) the length and (2) the width of a finished size, for sawing and planing processes to occur?
2. The constant straining and contracting of the fibres in different directions in solid timber, can result in what?
3. What are the three (3) common types of guards available for use on an “overhead router”? How are they attached?
4. List the advantage a “connected” (horseshoe) type of fence assembly used on a spindle moulder, has over the “independent” type.
5. When manufacturing a jig, M.D.F. and solid timber are suitable. List the alternative materials that may be used for a jig that needs a longer life.
6. When producing a jig for use on an overhead router, what components should be included in the manufacture:
7. One of the best materials for making a jig base is 18mm plywood, because it:
8. A false fence should be used on a spindle moulder wherever possible. Why?
9. In which direction should you loosen the locking nut on an overhead router?
10. What are all of the mandatory check points that must be observed when replacing both “slotted collar” cutters?
11. What are the main points to be aware of when feeding material into a routing or shaping machine?
12. When operating a spindle moulder, the end of the mould drops in to the cutters, list the possible cause for this and how to rectify the problem.
13. To maintain a sharp edge on high speed steel cutters that are not gapped, a suitably shaped honing stone is used. What type of material is this honing stone made from?
14. To make jig repair easy, how should all parts that are likely to wear through continual use be attached?