

LEARNING OUTCOMES

- 1 Produce shaped products
- 2 Know how to produce shaped products

Performance evidence must be the main form of evidence gathered. You are required to provide THREE pieces of evidence that demonstrate your competence for the criteria in outcome one and ONE piece of evidence to show your essential knowledge for the criteria in outcome two.

OUTCOME ONE

PRODUCE SHAPED PRODUCTS

You are required to provide THREE pieces of evidence that demonstrate your competence in each criteria.

Performance evidence required You must be able to:	Evidence reference number	Evidence reference number	Evidence reference number
1 Work safely at all times, complying with health and safety, environmental and other relevant regulations and guidelines.			
2 Follow the relevant shaping procedures and safety requirements to include all of the following: <ul style="list-style-type: none"> • health and safety regulations • safe working practices • job instructions • shaping equipment/tool operating instructions • company standards and procedures. 			
3 Obtain and follow the correct job instructions and any relevant shaping procedure and quality specifications.			
4 Use the correct shaping tools, equipment, materials and work holding methods for the shaping operations being performed.			

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OUTCOME ONE *continued***PRODUCE SHAPED PRODUCTS**

Performance evidence required You must be able to:	Evidence reference number	Evidence reference number	Evidence reference number
5 Perform shaping operations using one of the following methods: <ul style="list-style-type: none"> • hand shaping operations • manually operated machine shaping operations • fully automated machine shaping operations • combined shaping operations. 			
6 Perform the shaping operation according to instructions and safe operating procedures.			
7 Monitor and control the shaping operation and identify any faults, variations or problems that occur.			
8 Make permitted adjustments to solve production faults, variations or problems related to two of the following: <ul style="list-style-type: none"> • quality • accuracy • material utilisation • operational safety • manufacturing changes • productivity. 			
9 Make any necessary adjustments within your permitted authority.			

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OUTCOME ONE continued**PRODUCE SHAPED PRODUCTS**

Performance evidence required You must be able to:	Evidence reference number	Evidence reference number	Evidence reference number
10 Report any problems that you cannot solve or are outside your permitted authority to the appropriate person to include one of the following: <ul style="list-style-type: none"> • supervisor • team leader • quality control. 			
11 Minimise any waste during the shaping operation.			
12 Produce shaped products which comply with the shaping specification and quality requirements.			
13 Carry out checks of the shaped products to include the following: <ul style="list-style-type: none"> • completeness of shaping operations and two other checks from the following: <ul style="list-style-type: none"> • dimensional accuracy of shaped product • quality of finish • freedom from damage or false tool cuts. 			
14 Work to achieve your production targets for both of the following: <ul style="list-style-type: none"> • output • quality. 			
15 Deal appropriately with finished components and complete any necessary documentation accurately and legibly.			

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OUTCOME TWO**KNOW HOW TO PRODUCE SHAPED PRODUCTS**

You are required to demonstrate competence in each criteria on at least ONE occasion.

Performance evidence required You must be able to:	Evidence reference number	Evidence reference number	Evidence reference number
1 Describe the relevant health and safety requirements of the work area in which you are carrying out the shaping operations.			
2 Explain the specific safe working practices, shaping procedures and environmental regulations that need to be observed.			
3 Explain the hazards associated with carrying out the shaping operations and how they can be minimised.			
4 Explain what actions need to be taken in case of emergencies.			
5 Explain what personal protective equipment needs to be used during the shaping activities and where can it be obtained.			
6 Explain how to obtain the necessary job instructions, operating procedures and shaping specifications that are used, and how to interpret them.			
7 Explain what tools and equipment are used for the shaping operations undertaken and how to check that they are in a safe and usable condition.			
8 Explain how to hold the materials securely without causing damage or distortion.			

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OUTCOME TWO *continued***KNOW HOW TO PRODUCE SHAPED PRODUCTS**

Performance evidence required You must be able to:	Evidence reference number	Evidence reference number	Evidence reference number
9 Explain how to operate monitor and control the shaping equipment to achieve the required specification.			
10 Explain the specific shaping operations to be performed.			
11 Explain why it is important to follow the specified shaping sequence and procedure at all times.			
12 Explain what methods can be used to minimise waste during shaping operations.			
13 Explain what faults, problems or variations can occur in the shaping operation.			
14 Explain how to identify faults, problems or variations in the shaping operation.			
15 Explain what allowable adjustments you can make to achieve specification in the shaping operation.			
16 Explain why it is important to report faults, variations or problems that are outside your permitted authority and or you cannot solve immediately.			
17 Explain how to check the quality of the shaped components, against the required quality standards and what tools and equipment are used.			

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OUTCOME TWO *continued***KNOW HOW TO PRODUCE SHAPED PRODUCTS**

Performance evidence required You must be able to:	Evidence reference number	Evidence reference number	Evidence reference number
18 Explain what documentation may need to be completed, and why it is important to complete it accurately and legibly.			
19 Explain what your responsibilities are with regard to the reporting lines and procedures in your working area.			
20 Explain who the appropriate people are and what their responsibilities are within your working area.			

Sign-off

CANDIDATE DECLARATION

I confirm that all the evidence submitted for this qualification is my own work.

Signature of candidate:

Date:

ASSESSOR DECLARATION

I can confirm that the evidence presented is valid, authentic, current and sufficient within the context of the qualification criteria, and demonstrates the candidate's competence across the outcomes claimed.

Signature of assessor:

Name of assessor:

Date:

Internal verifier signature (if sampled):

Internal verifier name:

Date:

External verifier signature (if sampled):

External verifier name:

Date:
