

LEARNING OUTCOMES

- 1 Produce moulded products
- 2 Know how to produce moulded 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 MOULDED 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 moulding 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 • moulding equipment / tool operating instructions • company standards and procedures. 			
3 Obtain and follow the correct job instructions and any relevant moulding procedure and quality specifications.			
4 Use the correct moulding tools, equipment, materials and work holding methods for the moulding operations being performed.			

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OUTCOME ONE *continued***PRODUCE MOULDED PRODUCTS**

Performance evidence required You must be able to:	Evidence reference number	Evidence reference number	Evidence reference number
5 Apply release agents to patterns/ moulds when required.			
6 Perform moulding operations using one of the following methods: <ul style="list-style-type: none"> • hand moulding operations • manually operated machine moulding operations • fully automated machine moulding operations • combined moulding operations. 			
7 Perform the moulding operation according to instructions and safe operating procedures.			
8 Monitor and control the moulding operation and identify any faults, variations or problems that occur.			
9 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. 			

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OUTCOME ONE *continued***PRODUCE MOULDED 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 moulding operation.			
12 Produce moulded products which comply with the specification and quality requirements.			
13 Carry out checks of the moulded products to include all of the following: <ul style="list-style-type: none"> • completeness of moulding operations • shape/profile of moulded product • quality of finish and appearance • freedom from damage or deformity • freedom from contamination. 			
14 Work to achieve your production targets for both of the following: <ul style="list-style-type: none"> • output • quality. 			
15 Deal appropriately with moulded components and complete any necessary documentation accurately and legibly.			

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OUTCOME TWO**KNOW HOW TO PRODUCE MOULDED 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 moulding operations.			
2 Explain the specific safe working practices, moulding procedures and environmental regulations that need to be observed.			
3 Explain the hazards associated with carrying out the moulding 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 moulding activities and where can it be obtained.			
6 Explain how to obtain the necessary job instructions, operating procedures and moulding specifications that are used, and how to interpret them.			
7 Explain what tools and equipment are used for the moulding operations undertaken and how to check that they are in a safe and usable condition.			
8 Explain how to apply release agents when required.			

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OUTCOME TWO *continued***KNOW HOW TO PRODUCE MOULDED 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 moulding equipment to achieve the required specification.			
10 Explain the specific moulding operations to be performed.			
11 Explain why it is important to follow the specified moulding sequence and procedure at all times.			
12 Explain what methods can be used to minimise waste during moulding operations.			
13 Explain what faults, problems or variations can occur in the moulding operation.			
14 Explain how to identify faults, problems or variations in the moulding operation.			
15 Explain what allowable adjustments you can make to achieve specification in the moulding 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 moulded components, against the required quality standards and what tools and equipment are used.			

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OUTCOME TWO *continued***KNOW HOW TO PRODUCE MOULDED 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:
