

Analysing the results of inspection and confirming quality of production

LEARNING OUTCOMES

- 1 Analyse the results of inspection and confirm quality of production
- 2 Know how to analyse the results of inspection and confirm quality of production

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

ANALYSE THE RESULTS OF INSPECTION AND CONFIRM QUALITY OF PRODUCTION

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 inspection, testing procedures and safety requirements to include all of the following: <ul style="list-style-type: none">• health and safety and environmental regulations• safe working practices• quality control job instructions• machinery/equipment safety procedures• company standards and procedures.			

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OUTCOME ONE *continued***ANALYSE THE RESULTS OF INSPECTION AND CONFIRM QUALITY OF PRODUCTION**

Performance evidence required You must be able to:	Evidence reference number	Evidence reference number	Evidence reference number
3 Report on samples obtained from one of the following manufacturing methods: <ul style="list-style-type: none"> • hand manufacturing operations • manually operated machine operations • computer controlled operations • fully automated machine operations • combined manufacturing operations. 			
4 Make sure you have all the required data to hand before starting to analyse them.			
5 Confirm quality requirements related to both of the following sampling procedures: <ul style="list-style-type: none"> • random • defined (eg first/final). 			
6 Accurately interpret the data/results gained from two of the following inspection and testing procedures: <ul style="list-style-type: none"> • visual inspection • measurement • analysis testing • functional operation. 			
7 Accurately distinguish between products and materials which meet the quality requirements and those which do not.			

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OUTCOME ONE *continued***ANALYSE THE RESULTS OF INSPECTION AND CONFIRM QUALITY OF PRODUCTION**

Performance evidence required You must be able to:	Evidence reference number	Evidence reference number	Evidence reference number
8 Take appropriate action with products and materials according to the results of the inspection and testing procedure.			
9 Take appropriate action following the outcome of the evaluation activities related to both of the following: <ul style="list-style-type: none"> • acceptable samples – within required quality • unacceptable samples – outside required quality. 			
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"> • team leader • production supervisor • quality control supervisor. 			

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OUTCOME TWO

KNOW HOW TO ANALYSE THE RESULTS OF INSPECTION AND CONFIRM QUALITY OF PRODUCTION

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 inspection and analysis activities.			
2 Explain the specific safe working practices and environmental regulations that need to be observed.			
3 Explain the hazards associated with the analysis and testing procedures and how they can be minimised.			
4 Explain what personal protective equipment needs to be used during the activities and where can it be obtained.			
5 Explain how to obtain the necessary job instructions, analysis and evaluation documentation and quality control specifications that are used, and how to interpret them.			
6 Explain the correct methods of handling and storing the samples.			
7 Explain how to confirm samples, products and materials meet the quality requirements.			
8 Explain how to identify which samples, products and materials do not meet the quality requirements.			

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OUTCOME TWO *continued***KNOW HOW TO ANALYSE THE RESULTS OF INSPECTION AND CONFIRM QUALITY OF PRODUCTION**

Performance evidence required You must be able to:	Evidence reference number	Evidence reference number	Evidence reference number
9 Explain how to interpret the results of the inspection and testing procedure.			
10 Explain what action needs to be taken with samples, products and materials that do not meet the quality requirements.			
11 Explain the potential problems associated with stages of the inspection and testing process, how they occur and how they can be corrected.			
12 Explain how to report any problems you are not able to deal with yourself and why it is important to report faults, variations or problems immediately.			
13 Explain what your responsibilities are with regard to the reporting lines and procedures in your working area.			
14 Explain who the appropriate people are and what their responsibilities are within your working area.			

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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:
