

COSVR218 - SQA Unit Code DX9M 04

Co-ordinate and confirm the dimensional requirements of the work



Overview

This standard is about

- 1 co-ordinating and communicating information with work colleagues
- 2 selecting, using and maintaining measuring and recording equipment
- 3 confirming and measuring dimensional control requirements of the work
- 4 performing a supervisory role within craft and operative work areas as associated with work carried out in the built environment

COSVR218 - SQA Unit Code DX9M 04

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Performance criteria

- You must be able to:*
- P1 co-ordinate and communicate with work colleagues, accurate information, to position, align and level the work being carried out
 - P2 confirm and measure the dimensional controls, setting out points, lines and profiles accurately and maintain them to the specified work requirements
 - P3 check and adjust measuring and recording equipment to the specified accuracy
 - P4 identify any deviations in dimensional controls and ensure they are corrected in accordance with the work requirements
 - P5 identify circumstances and conditions that require revision of work practices

COSVR218 - SQA Unit Code DX9M 04

Co-ordinate and confirm the dimensional requirements of the work

Knowledge and understanding

You need to know and understand:

Performance Criteria 1

Information to position, level and align

K1 how to co-ordinate and communicate accurate information to work colleagues to enable them to position, align and level the work

Performance Criteria 2

Dimensional control

You need to know and understand:

K2 how to confirm and measure **dimensional controls**, setting out points, lines and profiles and maintain them to the specified work requirements

Performance Criteria 3

Measuring and recording equipment

You need to know and understand:

K3 how to check **measuring and recording equipment** and apply the manufacturers' tolerances to adjust the equipment to maintain the specified accuracy

Performance Criteria 4

Deviations in position, alignment and level

You need to know and understand:

K4 how to identify any **deviations** in position, alignment and level
K5 how to correct any **deviations** in position, alignment and level in accordance with the work requirements

Performance Criteria 5

Revision of work practices

You need to know and understand:

K6 how to identify **circumstances and conditions** that affect the work and require revisions to the work procedures/practices

COSVR218 - SQA Unit Code DX9M 04

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Additional Information

**Scope/range
related to
performance
criteria**

Performance Criteria 1

1 record(s) of dimensional information passed to work colleagues

Performance Criteria 2

2 record(s) of dimensional controls, setting out points, lines and profiles

Performance Criteria 3

3 record(s) of checks and adjustments made to measuring and recording equipment

Performance Criteria 4

4 record(s) of corrections needed for identified deviations

Performance Criteria 5

5 record(s) of circumstances and conditions that affect work in the occupation and area of responsibility

COSVR218 - SQA Unit Code DX9M 04

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Scope/range related to knowledge and understanding	Circumstances and conditions
	1 land
	2 water
	3 obstacles
	4 climatic variation
	5 'live' conditions (e.g. buildings and sites in use, roads, railways, runways)
	6 utilities
	7 health and safety
	Deviations arising from
	8 transfer of lines and levels
	9 use of wrong lines and levels
	Dimensional controls
	10 lines
	11 levels
	12 angles
	13 distances
	14 curves
	15 calibrations
	16 tolerances
	Measuring and recording equipment
	17 mechanical
	18 optical
	19 electronic

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