

## Overview

"This standard is about maintaining the dimensional accuracy of the work by providing sufficient, clear and accurate dimensional information, observing and checking dimensional controls, correcting dimensional deviations and making allowances for different circumstances in accordance with current organisational requirements which are equal to or exceed current statutory and legislative requirements

This standard is for people working in the occupational area of construction site supervision which is defined as the supervision of multiple construction trades and disciplines and can be used by operatives, supervisors and managers"

Maintain the dimensional accuracy of the work

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## Performance criteria

*You must be able to:*

- "P1 ensure the workforce is provided with clear and accurate dimensional information to enable them to position, align or level the work from at least four of the following:
  - 1.1 lines
  - 1.2 levels
  - 1.3 angles
  - 1.4 distances
  - 1.5 curves
  - 1.6 position
  - 1.7 setting out points
  - 1.8 loads
  - 1.9 centres of gravity
- P2 confirm organisational checks have been carried out on the dimensional controls and are recorded to meet the quality standards of the project
- P3 confirm any deviations in position, alignment or level and the corrective action taken for at least one of the following:
  - 3.1 transfer of lines and levels
  - 3.2 position
  - 3.3 calculations
  - 3.4 given information
- P4 implement and record revised work procedures and practices to minimise deviations and to allow for at least one of the following circumstances and conditions:
  - 4.1 working environment
  - 4.2 unforeseen events
  - 4.3 planned events"

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## Knowledge and understanding

*You need to know and understand:*

### "Performance Criteria 1

Provide dimensional information

K1 how to provide, clear and accurate information on the following dimensional controls:

- K1.1 lines
- K1.2 levels
- K1.3 angles
- K1.4 distances
- K1.5 curves
- K1.6 position
- K1.7 setting out points
- K1.8 loads
- K1.9 centres of gravity

K2 how to ensure the dimensional information is sufficient for the task

### Performance Criteria 2

Confirm dimensional information

K3 how to record and confirm organisational checks have been carried out on the following dimensional controls to meet quality standards of the project:

- K3.1 lines
- K3.2 levels
- K3.3 angles
- K3.4 distances
- K3.5 curves
- K3.6 position
- K3.7 setting out points
- K3.8 loads
- K3.9 centres of gravity

### Performance Criteria 3

Confirm deviations

K4 how to confirm deviations in dimensional controls

K5 how to implement corrective action as a result of dimensional

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deviations arising from:

- K5.1 incorrect lines and levels
- K5.2 position
- K5.3 calculations
- K5.4 given information

Performance Criteria 4

Implement revised work procedures and practices

- K6 how to implement revised work procedures for dimensional controls to minimise deviations
- K7 how to implement and record revised procedures for the following circumstances and conditions:
  - K7.1 working environment
  - K7.2 unforeseen events
  - K7.3 planned events"

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**Relevant Occupations** Construction and Building Trades Supervisors

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**Suite** Construction Site Supervision

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