

Overview

"This standard is about ensuring the project dimensional control information is in accordance with specified accuracy criteria, ensuring project dimensional controls are regularly and appropriately checked for operational and post-completion requirements 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 management which is defined as the management of multiple construction trades and disciplines and can be used by supervisors and managers"

Performance criteria

You must be able to:

- "P1 collect, collate and analyse relevant pre-construction information, ensuring that it is up to date and accurate
- P2 establish and record the relevant dimensional control information for the project
- P3 ensure that variations in dimensional control are identified, recorded and notified to stakeholders
- P4 establish a dimensional control monitoring system, which ensures dimensional controls are maintained
- P5 ensure that measuring and recording equipment is calibrated and maintained to meet the specified accuracy criteria and the checks are recorded"

Knowledge and understanding

You need to know and understand:

"Performance Criteria 1

Obtain pre-construction information in relation to dimensional control

- K1 how to obtain relevant pre-construction information
- K2 how to check that pre-construction information is up to date and accurate
- K3 how to resolve problems with pre-construction information
- K4 why it is important to resolve problems with pre-construction information

Performance Criteria 2

Correlate and interpret information

- K5 how to correlate and interpret information on project work which is relevant to the following dimensional control information
 - K5.1 lines
 - K5.2 levels
 - K5.3 angles
 - K5.4 distances
 - K5.5 radii
 - K5.6 positions
 - K5.7 setting out points
- K6 why it is important to correlate and interpret information on project work which is relevant to the following dimensional control information
 - K6.1 lines
 - K6.2 levels
 - K6.3 angles
 - K6.4 distances
 - K6.5 radii
 - K6.6 positions
 - K6.7 setting out points

Performance Criteria 3

Identify variations

- K7 how to identify and record variations, relating to boundaries,

Establish dimensional control criteria

levels and locations, between the specified and the actual project dimensions

- K8 why it is important to identify and record variations, relating to boundaries, levels and locations, between the specified and the actual project dimensions

Performance Criteria 4

Establish a monitoring system

- K9 how to establish graphical, measured and instrumental monitoring systems for dimensional controls

- K10 why establishing graphical, measured and instrumental monitoring systems for dimensional controls is required

- K11 why it is important to record and store dimensional control information for future reference

Performance Criteria 5

Maintain measuring and recording equipment

- K12 how to ensure mechanical, optical and electronic measuring and recording equipment are calibrated and maintained

- K13 why specific mechanical, optical and electronic measuring and recording equipment should be selected"

Establish dimensional control criteria

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Relevant Occupations Production Managers and Directors in Construction

Suite Construction Site Management

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