
Overview

What is this standard about?

This standard states the skills, knowledge and understanding required to demonstrate competence in inspecting concrete products to check that the quality of precast and prestressed products meets specification, customer requirements and organisational standards.

Who is this standard for?

This standard is applicable to operatives, quality inspectors or supervision who have a functional responsibility for the quality of manufactured concrete products.

Performance criteria

You must be able to:

1. carry out work activities according to **approved policies, procedures and practices**
2. select, check and use personal protection equipment (PPE) for the work activity
3. obtain and interpret the specification for the concrete product
4. identify and select the concrete product, products, or part of product for inspection
5. select, check and use inspection equipment according to manufacturers' instructions
6. check the concrete product meets specification, dimensional and quality requirements
7. record and report the results according to organisational requirements, identifying any variations from specification

Conduct product quality assurance in precast and prestressed concrete manufacturing operations

Knowledge and understanding

You need to know and understand:

1. the **approved policies, procedures and practices** for the work activity
2. your relevant health and safety responsibilities, obligations and precautions to be taken when undertaking the work activity
3. how to select, check and use the correct personal protection equipment (PPE)
4. the quality specification for the concrete product or products
5. the equipment used for inspecting different types of product
6. how to check the inspection equipment is functioning and calibrated
7. the typical variations that could occur in the concrete product, and when these become unacceptable
8. the indications there may be to suggest that the variations of quality may exist
9. the types of problems or faults that can occur with the products
10. actions to be taken should sub-standard product be identified or suspected
11. the recording, reporting process, and the information systems that should be used, including when problems are identified
12. what is quality control, and why it is important
13. the consequences of supplying concrete products that do not meet specification

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Scope/range

- 1. approved policies, procedures and practices:** legislative, organisational, operational, accident or emergency, health and safety, first aid, and environmental as appropriate to the location and work activity

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