

Prepare and operate equipment in precast and prestressed concrete operations

Overview

What is this standard about?

This standard states the skills, knowledge and understanding required to demonstrate competence to prepare and operate the types of equipment used in the manufacture of precast and prestressed concrete products.

Who is this standard for?

This standard is applicable primarily to the operators of equipment used in the manufacturing and processing of precast or prestressed concrete products, but could also apply to maintenance or supervisory staff required to carry out that function.

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Performance criteria

You must be able to:

1. carry out work activities in accordance with **approved policies, procedures and practices**
2. select, check and use personal protection equipment (PPE) for the work activity
3. obtain the specification for the work activity
4. select the equipment for the work activity
5. check and prepare the equipment for the work activity
6. ensure all monitoring and control systems are functioning and calibrated
7. start up the equipment
8. operate the equipment
9. monitor the process and the operation of the equipment
10. shut down and secure the equipment
11. report on the work activity

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Knowledge and understanding

You need to know and understand:

1. the **approved policies, procedures and practices** for the work activity
2. your responsibilities for health and safety and working safely
3. how to select, check and use personal protection equipment (PPE) for the work activity
4. how to obtain and confirm the specifications required to enable work to be undertaken
5. the level of detail in the specification
6. the various types of equipment, used for different work activities
7. the sources of information relating to the preparation and use of equipment
8. how and why to check and prepare the equipment for the work activity
9. how and why to check the monitoring and control equipment
10. the precautions to be taken prior to and during checking and preparing equipment
11. the operation of the different types of equipment for the work activity
12. how incorrect use could cause damage to the equipment
13. the maintenance requirements of the different types of equipment relevant to the work activity
14. the various monitoring methods available for the different types of equipment
15. the problems that can occur with the equipment and the actions required when problems are encountered
16. the methods available for reporting progress of work, damage to equipment and defects and why this is important

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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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