

CPCCCO2001A Apply OHS requirements, policies and procedures in the Construction Industry

This section describes the skills and knowledge required for this unit.

Required skills for this unit are:

communication skills to:

- determine requirements
- enable clear and direct communication, using questioning to identify and confirm requirements, share information, listen and understand
- follow instructions
- read and interpret:
 - documentation from a variety of sources
 - drawings and specifications
 - report faults
- use language and concepts appropriate to cultural differences
- use and interpret non-verbal communication, such as hand signals
- evaluating own actions and making judgments about performance and necessary improvements
- identifying and accurately reporting to appropriate personnel any faults in tools, equipment or materials
- organisational skills, including the ability to plan and set out work
- recognising procedures, following instructions, responding to change and contributing to workplace responsibilities, such as current work site environmental sustainability frameworks or management systems
- teamwork skills to coordinate own work with others to action tasks and relate to people from a range of cultural and ethnic backgrounds and with varying physical and mental abilities
- technological skills to:
 - use a range of mobile technology, such as two-way radio and mobile phones

- voice and hand signals to access and understand site-specific instructions.

Required knowledge

- concrete materials handling techniques
 - concreting materials
 - general construction terminology
 - hazardous materials
 - job safety analysis (JSA) and safe work method statements
 - MSDS
 - materials storage and environmentally friendly waste management
 - plans, drawings and specifications
 - processes for the calculation of material requirements
 - quality requirements
 - types, characteristics, uses and limitations of tools and equipment
 - workplace and equipment safety requirements.
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CPCCCM1012A Work Effectively and sustainably in the construction industry

This section describes the skills and knowledge required for this unit.

Required skills

communication skills to:

- enable clear and direct communication, using questioning to identify and confirm requirements, share information, listen and understand
- establish and communicate deadlines
- follow supervisor's instructions
- read and interpret:
 - documentation from a variety of sources
 - drawings and specifications
- report faults
- report variations or difficulties in performance and additional support required
- use language and concepts appropriate to cultural differences
- use and interpret non-verbal communication, such as hand signals
- written skills to record resource use
- identifying and accurately reporting to appropriate personnel any faults in tools, equipment or materials
- numeracy skills to apply measurements and make calculations
- organisational skills, including the ability to plan and set out work
- teamwork skills to work with others to action tasks and relate to people from a range of cultural and ethnic backgrounds and with varying physical and men
- technological skills to:
 - use a range of mobile technology, such as two-way radio and mobile phones
 - voice and hand signals to access and understand site-specific instructions.

Required knowledge

- basic understanding of sustainability on a construction work site
- common construction industry terminology and interpersonal communication requirements
- construction industry quality requirements
- construction industry size, scope of work and national economic importance
- environmental and resource hazards/risks, including compliance with relevant legislation associated with the environment, job specifications and procedures
- federal, state, and territory environmental or sustainability legislation, regulations and codes of practice relevant to this sector and applicable to own work
- e.g. Building Code of Australia (BCA)
- job safety analysis (JSA) and safe work method statements
- relevant environmental and resource efficiency systems and practices
- relevant industrial awards and enterprise agreements
- relevant legislation, regulations and workplace requirements relating to provisions covering discrimination and equal employment opportunity
- site meeting procedures

typical site/team work structure, methods and communication processes.

CPCCCM1013A Plan and Organise Work

This section describes the skills and knowledge required for this unit

Required skills

communication skills to:

- determine or confirm and clarify task requirements
- enable clear and direct communication, using questioning to identify and confirm requirements, share information, listen and understand
- plan steps and organise work activities with others
- use language and concepts appropriate to cultural differences
- use and interpret non-verbal communication, such as hand signals
- written skills to complete workplace documentation
- evaluating own actions and make judgements about performance and necessary improvements
- identifying and accurately reporting to appropriate personnel any faults in tools, equipment or materials
- interpret information relevant to the work activity including plans, specifications and drawings and documentation from a variety of sources
- teamwork skills to work with others to action tasks and relate to people from a range of cultural and ethnic backgrounds and with varying
- physical and mental abilities
- technological skills to:
 - use a range of mobile technology, such as two-way radio and mobile phones
 - voice and hand signals to access and understand site-specific instructions.
 - using time management techniques to organise and prioritise work.

Required knowledge

- work activity that needs to be planned and organised
 - work safety, environmental and quality requirements
 - workplace personnel that are to be involved in planning and organising tasks
 - workplace reporting requirements.
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PCCCM1014A Conduct workplace communication

This section describes the skills and knowledge required for this unit.

Required skills

- communication skills to communicate with others to:
- enable clear and direct communication, using questioning to identify and confirm requirements, share information, listen and understand
- read and interpret:
- signage and other relevant documentation
- simple instructions and messages
- use language and concepts appropriate to cultural differences
- use and interpret non-verbal communication, such as hand signals
- written skills to complete records and reports as required
- identifying and accurately reporting to appropriate personnel any faults in tools, equipment or materials
- numeracy skills to apply measurements and make calculations
- organisational skills, including the ability to plan and set out work
- participating in meetings
- teamwork skills to work with others to action tasks and relate to people from a range of cultural and ethnic backgrounds and
- with varying physical and mental abilities
- technological skills to:
- use a range of mobile technology, such as two-way radio and mobile phones
- voice and hand signals to access and understand site-specific instructions.

Required knowledge

- bulletins
 - checklists
 - communication devices
 - company procedures
 - construction terminology
 - emergency procedures
 - job safety analysis (JSA) and safe work method statements
 - material safety data sheets (MSDS) and materials handling methods
 - memos
 - OHS requirements
 - project quality requirements
 - signage
 - work instructions
 - workplace policies.
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CPCCCM1015A Carry out measurements and calculations

This section describes the skills and knowledge required for this unit.

Required skills

communication skills to:

- determine requirements
- enable clear and direct communication, using questioning to identify and confirm requirements, share information, listen and understand
- follow instructions
- read and interpret:
 - documentation from a variety of sources
 - drawings and specifications
 - report faults
- use language and concepts appropriate to cultural differences
- use and interpret non-verbal communication, such as hand signals
- written skills to record measurements, calculations and quantities
- identifying and accurately reporting to appropriate personnel any faults in tools, equipment or materials
- numeracy skills to apply measurements, calculations and geometry
- organisational skills, including the ability to plan and set out work
- teamwork skills to work with others to action tasks and relate to people from a range of cultural and ethnic backgrounds and with varying physical and men
- technological skills to:
 - use a range of mobile technology, such as two-way radio and mobile phones
 - voice and hand signals to access and understand site-specific instructions.

Required knowledge

- Required knowledge for this unit is:

- basic calculators
 - communication devices
 - company procedures
 - construction terminology
 - job safety analysis (JSA) and safe work method statements
 - measuring, calculating, geometry and determination of quantities
 - processes for care of measuring equipment
 - project quality requirements
 - site and equipment safety (OHS) requirements
 - tolerances.
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CPCCCM2001A Read and interpret plans and specifications

This section describes the skills and knowledge required for this unit.

Required skills

communication skills to:

- enable clear and direct communication, using questioning to identify and confirm requirements, share information, listen and understand
- read and interpret:
 - documentation from a variety of sources
 - drawings and specifications
 - use language and concepts appropriate to cultural differences
 - use and interpret non-verbal communication, such as hand signals
 - identifying and accurately reporting to appropriate personnel any faults in tools, equipment or materials
 - numeracy skills to apply measurements and make calculations, including heights, areas, volumes and grades
 - organisational skills, including the ability to plan and set out work
 - teamwork skills to work with others to action tasks and relate to people from a range of cultural and ethnic backgrounds and with varying physical and mental abilities
 - technological skills to:
 - use a range of mobile technology, such as two-way radio and mobile phones
 - voice and hand signals to access and understand site-specific instructions.

Required knowledge

- basic calculations of heights, areas, volumes and grades
- commonly used construction symbols and abbreviations
- construction terminology
- drawing conventions
- features of plans and elevations, including direction, scale, key, contours, symbols and abbreviations

job safety analysis (JSA) and safe work method statements

- key features of formal job specifications
 - processes for application of scales in plan preparation and interpretation
 - project quality requirements
 - site and equipment safety (OHS) requirements
 - techniques for orienting/confirming the orientation of a plan.
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CPCCCM2010B Working Safely at Heights

This section describes the skills and knowledge required for this unit.

Required skills

communication skills to:

- enable clear and direct communication, using questioning to identify and confirm requirements, share information, listen and understand
- use language and concepts appropriate to cultural differences
- use and interpret non-verbal communication, such as hand signals
- organisational skills, including the ability to plan and set out work
- teamwork skills to work with others to action tasks and relate to people from a range of cultural and ethnic backgrounds and with varying physical and men
- technological skills to:
 - use a range of mobile technology
 - voice and hand signals to access and understand site-specific instructions.

Required knowledge

- construction terminology
- job safety analysis (JSA) and safe work method statements
- material safety data sheets (MSDS)
- quality requirements
- types, characteristics, uses and limitation of plant, tools and equipment
- workplace and equipment safety requirements.

CPCCO3047A Cut and Core Concrete

This section describes the skills and knowledge required for this unit.

Required skills

learning skills to:

- evaluate own actions and make judgments about performance and necessary improvements
- respond to change, such as differences in work site, and environmental and quality requirements
- numeracy skills to:
- check levels of lubricants in tools
- calculate and confirm correct quantities of materials for work tasks
- oral communication skills to:
- enable clear and direct communication, using questioning to identify and confirm requirements, and share information
- report work site hazards to appropriate personnel, including faults in tools, equipment or materials
- use language and concepts appropriate to cultural differences
- reading skills to:
- interpret documentation, including drawings and specifications
- understand written instructions, procedures and signage
- interpret manufacturer instructions for safely handling tools and equipment
- writing skills to complete pre-operational checklists and equipment fault forms

Required knowledge

- types, characteristics, uses and limitations of plant, tools and equipment used in cutting and coring concrete
- types, location and usage of relevant safety information:
- job safety analyses (JSA) and safe work method statements (SWMS)
- safety data sheets (SDS)
- safety manuals and instructions for plant, tools and equipment

- signage
 - environmental and work site safety plans
 - principles of concreting:
 - substructure construction
 - concrete cutting and coring techniques
 - purpose and placement of control joints
 - general construction terminology
 - processes for material storage and environmentally friendly waste management
 - processes for calculating joint requirements
 - quality requirements relating to cutting and coring concrete
 - workplace and equipment safety requirements
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CPCCCM2006B Apply basic levelling Procedures

This section describes the skills and knowledge required for this unit.

Required skills

communication skills to:

- determine requirements
- enable clear and direct communication, using questioning to identify and confirm requirements, share information, listen and understand
- follow instructions
- read and interpret:
 - documentation from a variety of sources
 - drawings and specifications
 - report faults
- use language and concepts appropriate to cultural differences
- use and interpret non-verbal communication, such as hand signals
- identifying and accurately reporting to appropriate personnel any faults in tools, equipment or materials
- numeracy skills to apply measurements and make calculations
- organisational skills, including the ability to plan and set out work
- teamwork skills to work with others to action tasks and relate to people from a range of cultural and ethnic backgrounds and with varying physical and mental abilities

technological skills to:

- use a range of mobile technology, such as two-way radio and mobile phones
- voice and hand signals to access and understand site-specific instructions.

Required knowledge

- application and requirements for line, level and plumb in construction projects
 - basic construction processes
 - basic mathematical techniques associated with levelling
 - construction terminology
 - job safety analysis (JSA) and safe work method statements
 - levelling device types, characteristics, technical capabilities and limitations
 - levelling techniques related to essential tasks
 - processes for interpreting engineering drawings and sketches
 - processes for setting out
 - project quality requirements
 - site and equipment safety (OHS) requirements
 - site isolation and traffic control responsibilities and authorities
 - symbols and construction terminology of construction plans.
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CPCCO2021A Handle Concrete Materials

This section describes the skills and knowledge required for this unit.

Required skills

- learning skills to respond to change, such as differences in work site, and environmental and quality requirements
- numeracy skills to calculate and confirm correct quantities of materials for work tasks
- oral communication skills to:
 - enable clear and direct communication, using questioning to identify and confirm requirements, and share information
 - report work site hazards to appropriate personnel, including faults in tools, equipment or materials
 - use language and concepts appropriate to cultural differences

reading skills to:

- interpret documentation, including drawings and specifications
- understand written instructions, procedures and signage
- interpret manufacturer instructions for handling tools and equipment
- writing skills to complete pre-operational checklists and simple equipment fault forms

Required knowledge

- general construction terminology
- manual handling techniques for concrete materials
- plans, drawings and specifications
- procedures for the safe handling and storage of materials, and disposal of hazardous materials
- processes for calculating material requirements
- types, characteristics, uses and limitations of tools and equipment
- types, location and use of relevant safety resources and information:
- job safety analyses (JSA) and safe work method statements (SWMS)



- safety data sheets
 - signage and barricades
 - workplace and equipment safety requirements
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CPCCO2022A Use and maintain concreting plant, tools and equipment

This section describes the skills and knowledge required for this unit.

Required skills

learning skills to respond to change, such as differences in work site, and environmental and quality requirements

numeracy skills to:

- calculate and confirm correct quantities of materials for work tasks
- check levels of lubricants in tools
- oral communication skills to:
 - enable clear and direct communication regarding work instructions, using questioning to identify and confirm requirements, and share information
 - report work site hazards to appropriate personnel, including faults in tools, equipment or materials
- use language and concepts appropriate to cultural differences
- reading skills to:
 - interpret documentation, including specifications
 - interpret manufacturer instructions for safely handling tools and equipment
 - understand written instructions, procedures and signage
- writing skills to complete equipment fault forms

Required knowledge

- environmentally friendly waste management practices applicable to the task
- general construction terminology
- processes for calculating material requirements
- quality requirements relating to each stage of the concreting process
- processes for the storage of plant, tools, equipment and material
- properties of concrete

- requirements of legislation, regulations and codes of practice that apply to the use and maintenance of concreting plant, tools and equipment, including WH
 - types, location and use of relevant safety information:
 - job safety analyses (JSA) and safe work method statements (SWMS)
 - safety data sheets (SDS)
 - safety manuals and instructions for plant, tools and equipment
 - safety signage
 - environmental and work site safety plans
 - types, uses and limitations of concreting plant, tools and equipment, including when to use particular items for different stages of concreting tasks
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CPCCCO2013A Carry out Concreting to simple Forms

This section describes the skills and knowledge required for this unit.

Required skills

communication skills to:

- determine requirements
- enable clear and direct communication, using questioning to identify and confirm requirements, share information, listen and understand
- follow instructions
- read and interpret:
 - documentation from a variety of sources
 - drawings and specifications
 - report faults
 - use language and concepts appropriate to cultural differences
 - use and interpret non-verbal communication, such as hand signals
 - evaluating own actions and making judgments about performance and necessary improvements
 - identifying and accurately reporting to appropriate personnel any faults in tools, equipment or materials
 - organisational skills, including the ability to plan and set out work
 - recognising procedures, following instructions, responding to change and contributing to workplace responsibilities, such as current work site environmental frameworks or management systems
- teamwork skills to coordinate own work with others to action tasks and relate to people from a range of cultural and ethnic backgrounds and with varying p
- technological skills to:
 - use a range of mobile technology, such as two-way radio and mobile phones
 - voice and hand signals to access and understand site-specific instructions.

Required knowledge

- concrete materials

- concreting techniques
 - general construction terminology
 - job safety analysis (JSA) and safe work method statements
 - levelling techniques
 - material safety data sheets (MSDS)
 - materials storage and environmentally friendly waste management
 - plans, drawings and specifications
 - processes for the calculation of material requirements
 - quality requirements
 - simple formwork and reinforcing componentry
 - types, characteristics, uses and limitations of plant, tools and equipment
 - workplace and equipment safety requirements
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CPCCA2003A Erect and dismantle formwork for footing and slabs on ground

This section describes the skills and knowledge required for this unit.

Required skills for this unit are:

communication skills to:

- determine requirements
- enable clear and direct communication, using questioning to identify and confirm requirements, share information, listen and understand
- follow instructions
- read and interpret:
 - documentation from a variety of sources
 - plans, specifications and drawings
 - report faults
- use language and concepts appropriate to cultural differences
- use and interpret non-verbal communication, such as hand signals
- numeracy skills to apply measurements and make calculations
- organisational skills, including the ability to plan and set out work
- teamwork skills to work with others to action tasks and relate to people from a range of cultural and ethnic backgrounds and with varying physical and mental abilities
- technological skills to:
 - use a range of mobile technology, such as two-way radio and mobile phones
 - voice and hand signals to access and understand site-specific instructions.

Required knowledge

- construction terminology
- formwork materials
- formwork techniques
- job safety analysis (JSA) and safe work method statements

- material safety data sheets (MSDS)
 - materials storage and environmentally friendly waste management
 - plans, specifications and drawings
 - plant, tools and equipment types, characteristics, uses and limitation
 - processes for setting out and measuring
 - processes for calculating material requirements
 - quality requirements for formwork
 - requirements of application and requirements for line, level and plumb in construction projects
 - termite barriers
 - workplace and equipment safety requirements.
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CPCCSF3001A Apply reinforcement schedule

This section describes the skills and knowledge required for this unit.

Required skills

communication skills to:

- communicate job sequencing schedule detail to steel fixers
- determine requirements
- follow instructions
- notify completion of work
- read and interpret:
 - construction and reinforcement schedule
 - documentation from a variety of sources
 - drawings and specifications
 - report discrepancies and faults
- use language and concepts appropriate to cultural differences
- use and interpret non-verbal communication, such as hand signals
- written skills to record changes to job sequencing schedule detail
- identifying and accurately reporting to appropriate personnel any faults in tools, equipment or materials
- mathematical and numeracy skills to apply measurements and calculations
- organisational skills, including the ability to plan and set out work
- teamwork skills to work with others to action tasks and relate to people from a range of cultural and ethnic backgrounds and with varying physical and mental abilities
- technological skills to:
 - use a range of mobile technology, such as two-way radio and mobile phones
 - voice and hand signals to access and understand site-specific instructions.

Required knowledge

- construction and steelfixing terminology
 - construction site traffic control and signage arrangements
 - conventional symbols, markings and numbering systems relevant to reinforcement schedules
 - job safety analysis (JSA) and safe work method statements
 - presentation and contents of reinforcement schedules
 - presentation and general content of typical construction schedules
 - quality requirements
 - reinforcement material types, appearance standards, packaging and labelling arrangements
 - workplace and equipment safety requirements.
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CPCCCO3035A Assess and specify concrete supply requirements

This section describes the skills and knowledge required for this unit.

Required skills

- learning skills to develop and build understanding of concrete materials and supply volumes required for different types of concreting work
- numeracy skills to calculate areas and volumes of concreting projects
- oral communication skills to consult with team members and other relevant personnel regarding specifications for concreting work
- reading skills to interpret plans, specifications and concrete manufacturer information
- writing skills to prepare specifications for concrete supply

Required knowledge

- concrete additives and the effect on concrete curing, finishing and performance
- external factors affecting concrete curing, finishing and performance, and strategies for managing them, including:
 - delivery temperature
 - use of additives
- regulations and standards relating to concrete supply:
 - AS 1379 Specification and supply of concrete
 - AS 2758 Aggregate and rock for engineering purposes
 - AS 3582 Supplementary cementitious materials for use with Portland cement
 - AS 3600 Concrete structures
 - AS 3972 Portland and blended cements
- slump-test measurements required at delivery for different concrete mixes
- types, properties and limitations of different types of concrete

CPCCCO3036A Plan concrete work and brief concrete team

This section describes the skills and knowledge required for this unit.

Required skills

- learning skills to develop and build understanding of:
- types of concrete materials
- properties and behaviour of concrete in different environmental conditions
- numeracy skills to calculate dimensions of pour and resource requirements
- oral communication skills to:
- brief team members on work specifications and requirements
- liaise with site personnel
- reading skills to interpret site plans and work specifications
- writing skills to develop or adapt SWMS

Required knowledge

- project management principles and strategies relevant to concrete work
- regulations and standards relevant to concrete work:
- AS 3600 Concrete structures
- environmental
- WHS
- risks, hazards and contingencies relevant to concrete work and effective management strategies
- role and responsibilities of construction site personnel
- skills, plant, tools, equipment and materials required for concrete work
- terminology used on construction sites in relation to concreting and other trades

CPCCSF2004A Place and fix reinforcement materials

Required skills for this unit are:

communication skills to:

- determine requirements
- follow instructions
- read and interpret:
 - documentation from a variety of sources
 - drawings and specifications
- report faults
- use language and concepts appropriate to cultural differences
- use and interpret non-verbal communication, such as hand signals
- identifying and accurately reporting to appropriate personnel any faults in tools, equipment or materials
- numeracy skills to apply calculations
- organisational skills, including the ability to plan and set out work
- teamwork skills to work with others to action tasks and relate to people from a range of cultural and ethnic backgrounds and with varying physical and mental abilities
- technological skills to:
 - use a range of mobile technology, such as two-way radio and mobile phones
 - voice and hand signals to access and understand site-specific instructions.

Required knowledge

- construction and steelfixing terminology
- job safety analysis (JSA) and safe work method statements

- job specifications related to the layout of reinforcement materials
 - material safety data sheets (MSDS)
 - materials storage and environmentally friendly waste management
 - plans, drawings and specifications
 - processes for the calculation of material requirements
 - quality requirements
 - reinforcement materials placement and fixing techniques
 - types, properties, uses and limitations of reinforcement materials
 - workplace and equipment safety requirements.
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CPCCCO3041A Place Concrete

This section describes the skills and knowledge required for this unit.

Required skills

learning skills to:

- evaluate own actions and make judgments about performance and necessary improvements
- respond to change, such as differences in work site, and environmental and quality requirements
- numeracy skills to:
- estimate time required to place concrete
- calculate and confirm correct quantities of materials and volume of concrete required for work tasks at various times throughout the concrete pour
- oral communication skills to:
- enable clear and direct communication, using questioning to identify and confirm requirements, and share information
- report work site hazards to appropriate personnel, including faults in tools, equipment or materials
- use language and concepts appropriate to cultural differences
- reading skills to:
- interpret documentation, including drawings and specifications
- interpret manufacturer instructions for safely handling tools, equipment and materials
- understand written instructions, procedures and signage
- writing skills to complete pre-operational checklists and simple equipment fault forms

Required knowledge

concreting placement techniques:

- cold joints and how to manage them effectively
 - compaction techniques
 - concrete reinforcement techniques
 - levelling techniques
 - placing concrete level and multi-level areas
 - processes for calculating material requirements at various times throughout the concrete pour
 - processes for material storage and environmentally friendly waste management
 - properties of concrete, including the importance of maintaining the slump specified in the plans and specifications of the job in order to minimise waste, del concrete
 - quality requirements relating to placing concrete
 - types and applications of concrete materials
 - types, characteristics, uses and limitations of plant, tools and equipment relevant to placing concrete
 - types, location and use of relevant safety resources and information:
 - job safety analyses (JSA) and safe work method statements (SWMS)
 - safety data sheets (SDS)
 - signage and barricades
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CPCCCO3042A Finish Concrete

This section describes the skills and knowledge required for this unit.

Required skills

learning skills to:

- evaluate own actions and make judgments about performance and necessary improvements
- respond to change, such as differences in work site, and environmental and quality requirements
- numeracy skills to:
 - check levels of lubricants in tools
 - calculate and confirm correct quantities of materials for work tasks
- oral communication skills to:
 - enable clear and direct communication, using questioning to identify and confirm requirements, and share information
 - report work site hazards to appropriate personnel, including faults in tools, equipment or materials
 - use language and concepts appropriate to cultural differences
- reading skills to:
 - interpret documentation, including drawings and specifications
 - interpret manufacturer instructions for safely handling tools and equipment
 - understand written instructions, procedures and signage
- writing skills to complete pre-operational checklists and simple equipment fault forms

Required knowledge

- concreting levelling and finishing techniques
 - processes for calculating material requirements
 - processes for material storage and environmentally friendly waste management
 - properties of concrete to be able to correctly identify when finishing techniques should be applied to minimise waste, delay and faults in finishing concrete
 - quality requirements and techniques that will result in the required concrete finish
 - types, characteristics, uses and limitations of plant, tools and equipment relating to finishing concrete
 - types, location and use of relevant safety resources and information:
 - job safety analyses (JSA) and safe work method statements (SWMS)
 - safety data sheets (SDS)
 - signage and barricades
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CPCCCO3043A Cure Concrete

This section describes the skills and knowledge required for this unit.

Required skills

learning skills to:

- evaluate own actions and make judgments about performance and necessary improvements
- respond to change, such as differences in work site, and environmental and quality requirements
- numeracy skills to calculate and confirm correct quantities of materials for work tasks
- oral communication skills to:
 - enable clear and direct communication, using questioning to identify and confirm requirements, and share information
 - report work site hazards to appropriate personnel, including faults in tools, equipment or materials
 - use language and concepts appropriate to cultural differences
- reading skills to:
 - interpret documentation, including drawings and specifications
 - interpret manufacturer instructions for safely handling tools, equipment and materials
 - understand written instructions, procedures and signage
- writing skills to complete equipment fault forms

Required knowledge

- concrete curing techniques, including curing duration and effect on ultimate strength
- processes for material storage and environmentally friendly waste management
- processes for calculating material requirements
- properties of concrete to be able to minimise waste, delay and faults in curing concrete
- quality requirements relevant to curing concrete
- types and applications of concrete materials used in the curing process
- types, characteristics, uses and limitations of plant, tools and equipment relevant to curing concrete



- types, location and use of relevant safety resources and information:
- job safety analyses (JSA) and safe work method statements (SWMS)
- safety data sheets (SDS)
- signage and barricades