CPCCCM2010B Matrix Map

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ELEMENTS AND PERFORMANCE CRITERIA

Element	Peformance Criteria	Task / Question Map
Identify work area requirements.	*Site of proposed work at heights is identified from relevant information.*	*What is Working at Heights: Q1* *Workplace Task: Read, interpret and plan working at heights in accordance with safe work procedures*
	Method of accessing work area is identified.	*What is Working at Heights: Q1* *Anchor Lines and Rails: Q1*
	Tasks to be completed are identified from work orders and supervisor instructions.	*Safe Work Method Statements: Q1 Q2* *Workplace Task: Task planned including checking specifications, drawings and communicating with appropriate personnel*
	Fall protection equipment is identified if required by site job workplace health and safety (WHS) analysis and statutory and regulatory requirements.	*Falls in Construction: Q1 Q2 Q3 Q4 Q5* *Falling Object Hazards: Q1* *Inspecting Equipment Before Use: Q1* *Snap Hook & Karabiners: Q1* *Catch Platforms and Safety Nets: Q1* *Individual Fall Arrest Systems : Q1* *Anchor Lines and Rails: Q1* *Guard Rails: Q1* *Restraint Working Positioning Systems: Q1* *Fall Prevention Covers and Safety Mesh: Q1* *Workplace Task: Fall arrest systems are correct installed and used*

	Approved methods of moving tools and equipment to work area are identified to minimise potential of falling objects, removal of scaffold components, inappropriate carrying of materials on ladders, and excessive bending or twisting in pass-up situations.	*Falling Object Hazards: Q1* *Scaffolding: Q2* *Workplace Task: Task planned including checking specifications, drawings and communicating with appropriate personnel*

REQUIRED SKILLS

Required Skill	Task / Question Map
Required skills for this unit are: communication skills to:	
enable clear and direct communication, using questioning to identify and confirm requirements, share information, listen and understand	*Communication Techniques and Equipment: Q1* *Workplace Task: Task planned including checking specifications, drawings and communicating with appropriate personnel*
use language and concepts appropriate to cultural differences	*Workplace Task: Demonstrate language skills and concepts to cultural differences*
use and interpret non-verbal communication, such as hand signals	*Signs and Barriers: Q1* *Hand Signals: Q1*
organisational skills, including the ability to plan and set out work	*Safety data sheets: Q2* *Workplace Task: Task planned including checking specifications, drawings and communicating with appropriate personnel*
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	*Workplace Task: Task planned including checking specifications, drawings and communicating with appropriate personnel*
technological skills to:	
use a range of mobile technology	*Communication Techniques and Equipment: Q1*
voice and hand signals to access and understand site-specific instructions.	*Communication Techniques and Equipment: Q1* *Hand Signals: Q1*

REQUIRED KNOWLEDGE

Required Knowledge	Task / Question Map
Required knowledge for this unit is:	
construction terminology	*What is Working at Heights: Q1* *Safety data sheets: Q2* *Risk Assessments: Q2* *Inspecting Equipment Before Use: Q1* *Mechanical Lifting Equipment: Q1* *Ladders: Q1* *Catch Platforms and Safety Nets: Q1* *Anchor Lines and Rails: Q1* *Fall Prevention Covers and Safety Mesh: Q1* *Workplace Task: Read, interpret and plan working at heights in accordance with safe work procedures*
job safety analysis (JSA) and safe work method statements	*Safe Work Method Statements: Q1 Q2*
material safety data sheets (MSDS)	*Safety data sheets: Q1 Q2* *Workplace Task: Tools and equipment are positioned to minimise risk of being knocked down*
quality requirements	*Safety data sheets: Q2* *Inspecting Equipment Before Use: Q1* *Anchor Lines and Rails: Q1* *Restraint Working Positioning Systems: Q1* *Fall Prevention Covers and Safety Mesh: Q1* *Workplace Task: Task planned including checking specifications, drawings and communicating with appropriate personnel*
types, characteristics, uses and limitation of plant, tools and equipment	*Inspecting Equipment Before Use: Q1* *Mechanical Lifting Equipment: Q1* *Ladders: Q1* *Anchor Lines and Rails: Q1* *Restraint Working Positioning Systems: Q1* *Workplace Task: Task planned including checking specifications, drawings and communicating with appropriate personnel*

workplace and equipment safety requirements.	*Work Health and Safety Act: Q1* *Safe Work Method Statements: Q1* *Safety data sheets: Q2* *Risk Assessments: Q2* *Falls in Construction: Q1 Q2 Q3 Q4 Q5* *Inspecting Equipment Before Use: Q1* *Mechanical Lifting Equipment: Q1* *Ladders: Q1* *Catch Platforms and Safety Nets: Q1* *Individual Fall Arrest Systems : Q1* *Anchor Lines and Rails: Q1* *Guard Rails: Q1* *Restraint Working Positioning Systems: Q1* *Fall Prevention Covers and Safety Mesh: Q1* *Industrial Rope Access Systems: Q1* *Workplace Task: Tools and equipment used were cleaned, checked, maintained and stored correctly after use. Faults reported to supervisor.*

CRITICAL ASPECTS

Critical Aspects	Task / Question Map
This competency is to be assessed using standard and authorised work practices, safety requirements and environmental constraints.	*Work Health and Safety Regulation: Q1* *Inspecting Equipment Before Use: Q1*
Assessment of essential underpinning knowledge will usually be conducted in an off-site context.	*Guard Rails: Q1*
Assessment is to comply with relevant regulatory or Australian standards' requirements.	*Guard Rails: Q1*
Resource implications for assessment include:	
an induction procedure and requirement	*Safety data sheets: Q2* *Workplace Task: Read, interpret and plan working at heights in accordance with safe work procedures*
realistic tasks or simulated tasks covering the mandatory task requirements	*Inspecting Equipment Before Use: Q1*
relevant specifications and work instructions	*Safe Work Method Statements: Q1* *Workplace Task: Task planned including checking specifications, drawings and communicating with appropriate personnel*
tools and equipment appropriate to applying safe work practices	*Inspecting Equipment Before Use: Q1* *Mechanical Lifting Equipment: Q1* *Ladders: Q1* *Guard Rails: Q1* *Workplace Task: Tools and equipment used were cleaned, checked, maintained and stored correctly after use. Faults reported to supervisor.*
support materials appropriate to activity	*Work Health and Safety Regulation: Q1* *Safety data sheets: Q1*
workplace instructions relating to safe work practices and addressing hazards and emergencies	*Safe Work Method Statements: Q1 Q2* *Safety data sheets: Q2* *Risk Assessments: Q2* *Emergency Procedures: Q1* *Anchor Lines and Rails: Q1*

material safety data sheets	*Safety data sheets: Q1 Q2* *Workplace Task: Tools and equipment are positioned to minimise risk of being knocked down*
research resources, including industry related systems information.	*Work Health and Safety Regulation: Q1* *Safety data sheets: Q2*
Reasonable adjustments for people with disabilities must be made to assessment processes where required. This could include access to modified equipment and other physical resources, and the provision of appropriate assessment support.	

RANGE STATEMENTS

Range Statements		Task / Question Map
Information includes:	*diagrams or sketches*	*Safety data sheets: Q2* *Workplace Task: Read, interpret and plan working at heights in accordance with safe work procedures*
	instructions issued by authorised organisational or external personnel	*What is Working at Heights: Q1* *Safety data sheets: Q2*
	material safety data sheets (MSDS)	*Safety data sheets: Q1 Q2* *Workplace Task: Tools and equipment are positioned to minimise risk of being knocked down*
	memos	*Safety data sheets: Q2* *Workplace Task: Read, interpret and plan working at heights in accordance with safe work procedures*
	signage	*Signs and Barriers: Q1*
	verbal or written and graphical instructions	*Safety data sheets: Q2* *Communication Techniques and Equipment: Q1* *Workplace Task: Read, interpret and plan working at heights in accordance with safe work procedures*
	work bulletins	*Workplace Task: Read, interpret and plan working at heights in accordance with safe work procedures*
	work schedules, plans and specifications.	*Safety data sheets: Q2* *Workplace Task: Read, interpret and plan working at heights in accordance with safe work procedures*
Workplace health and safety is to be in accordance with state or territory legislation and regulations, organisational safety policies and procedures, and project safety plan and may include:	*emergency procedures, including extinguishing fires, organisational first aid requirements and evacuation*	*Safety data sheets: Q2* *Emergency Procedures: Q1* *First Aid: Q1*

	handling of materials	*Manual Handling: Q1*
	hazard control	*Falls in Construction: Q1 Q2 Q3 Q4 Q5* *Guard Rails: Q1*
	hazardous materials and substances	*Safety data sheets: Q2*
	safe operating procedures, including the conduct of operational risk assessment and treatments associated with:	
	earth leakage boxes	
	lighting	*Other Common Hazards: Q1*
	photovoltaic (solar) panels	*Other Common Hazards: Q1*
	power cables, including overhead service trays, cables and conduits	*Electricity Services and Overhead Powerlines: Q1*
	restricted access barriers	*Signs and Barriers: Q1*
	surrounding structures	
	traffic control	*Other Common Hazards: Q1*
	trip hazards	*Fall and Trip Hazards: Q1*
	work site visitors and the public	*Signs and Barriers: Q1*
	working in confined spaces	*Confined Space Fall Hazards: Q1*
	working in proximity to others	*Signs and Barriers: Q1*
	working with dangerous materials	
	organisational first aid	*First Aid: Q1*
	personal protective clothing and equipment prescribed under legislation, regulations and workplace policies and practices	*UV Radiation: Q1* *Inspecting Equipment Before Use: Q1* *PPE: Q1* *Individual Fall Arrest Systems : Q1*
	relevant OHS legislation applying in the jurisdiction where work is carried out, including:	
	AS6001 - 1999 Working platforms for domestic application	*Scaffolding: Q2*
	AS1576 - Scaffolding	*Scaffolding: Q1 Q2*
	AS/NZS4576 - 1995 Guidelines for scaffolding	*Scaffolding: Q1 Q2*

	use of tools and equipment	*Manual Handling: Q1* *Inspecting Equipment Before Use: Q1* *Snap Hook & Karabiners: Q1* *Ladders: Q1* *Scaffolding: Q1* *Restraint Working Positioning Systems: Q1*
	workplace environment and safety.	*Scaffolding: Q2*
Statutory and regulatory authorities include:	*federal, state and local authorities administering applicable Acts, regulations and codes of practice.*	*Work Health and Safety Act: Q1* *Ladders: Q1* *Scaffolding: Q2* *Guard Rails: Q1* *Restraint Working Positioning Systems: Q1*
Hazards include:	*air temperature*	*Other Common Hazards: Q1* *UV Radiation: Q1*
	construction activity involving other workers and contractors	*Signs and Barriers: Q1* *Fall Prevention Covers and Safety Mesh: Q1*
	dust and vapours	
	electrical equipment	*Electricity Services and Overhead Powerlines: Q1*
	energy sources	*Electricity Services and Overhead Powerlines: Q1*
	equipment and materials	*Mechanical Lifting Equipment: Q1* *Restraint Working Positioning Systems: Q1* *Workplace Task: Fall arrest systems are correct installed and used*
	hazardous materials	*Safety data sheets: Q1 Q2* *Confined Space Fall Hazards: Q1*
	light	*Other Common Hazards: Q1*
	manual handling	*Manual Handling: Q1*
	moisture	*Confined Space Fall Hazards: Q1*
	noise	
	pholtovoltaic (solar) panels	*Other Common Hazards: Q1*
	stationary and moving plant	*Other Common Hazards: Q1*

	work at heights.	*Confined Space Fall Hazards: Q1* *Fall Prevention Covers and Safety Mesh: Q1*
Tools and equipment include:	*air compressors and hoses*	
	hand and power tools	
	nail guns	
	power leads	*Manual Handling: Q1*
	scaffolding.	
Materials include:	*materials used on the construction work site.*	*Fall Prevention Covers and Safety Mesh: Q1*
Environmental requirements include:	*clean-up management*	*Manual Handling: Q1*
	noise and dust	
	vibration	
	waste management.	*Manual Handling: Q1*