

CPCCPD3030B Matrix Map

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ELEMENTS AND PERFORMANCE CRITERIA

Element	Performance Criteria	Task / Question Map
<i>Plan and prepare.</i>	<i>Work instructions and operational details are obtained using relevant information, confirmed and applied for planning and preparation purposes.</i>	<i>Tools needed for preparation: Q1 Testing Wet Film Thickness: Q1 Q2 Q3 Measuring Ambient Conditions: Q1 Q2 ACTIVITY: Research APAS paint classifications: Q1 Q2</i>
	<i>Safety (OHS) requirements are followed in accordance with safety plans and policies.</i>	<i>Preparing Concrete Surfaces: Q7 Handling Hazardous Materials: Q5 Q6 Q7 Safety Considerations for Protective Coatings: Q1 Q2 Q3 Q4 Q5 Q6 Q7 ACTIVITY: Using PPE: Q1 Maintaining Respirators and Masks: Q1 Q2</i>
	<i>Signage and barricade requirements are identified and implemented.</i>	<i>Handling Hazardous Materials: Q8 PROJECT: Apply Protective Coating System: Q1</i>
	<i>Plant, tools and equipment are selected to carry out tasks, including work platforms where required are consistent with the requirements of the job, checked for serviceability and any faults are rectified or reported prior to commencement.</i>	<i>Tools needed for preparation: Q2 Q3 Preparing Steel Surfaces: Q1 Q2 Preparing Concrete Surfaces: Q6 Q8 Applying Micaceous Iron Oxide: Q1 ACTIVITY: Mixing Two-pack Epoxy: Q1 PROJECT: Apply Protective Coating System: Q1 Workplace Task: Applied protective paint coating system</i>
	<i>Materials quantity requirements are calculated in accordance with plans, specifications and quality requirements.</i>	<i>ACTIVITY: Mixing Two-pack Epoxy: Q1 Workplace Task: Clean-up after application</i>

	<i>Materials appropriate to the work application are identified, obtained, prepared, safely handled and located ready for use.</i>	<i>Handling Hazardous Materials: Q6 Identifying Protective Coatings: Q1 Q2 Q3 Q4 Q5 Q6 Q7 Q8 PROJECT: Apply Protective Coating System: Q1 Workplace Task: Applied protective paint coating system</i>
	<i>Environmental requirements are identified for the project in accordance with environmental plans and regulatory obligations and applied.</i>	<i>Clean-up of Hazardous Paint Waste: Q1 Q2 Q3</i>
<i>Prepare surfaces for protective coating.</i>	<i>Suitability of surface for protective paint coating is determined in accordance with manufacturer recommendations and job specifications.</i>	<i>Preparing Concrete Surfaces: Q3 Q4 Identifying Protective Coatings: Q6 Q7 Q8 Measuring Ambient Conditions: Q1 Q2 ACTIVITY: Research APAS paint classifications: Q2 Workplace Task: Prepare the surface for protective coating</i>
	<i>Surface preparation method is correctly selected in accordance with the environment, finish and substrate requirements.</i>	<i>Tools needed for preparation: Q3 Preparing Steel Surfaces: Q1 Q2 Q3 Q5 Preparing Concrete Surfaces: Q6 Q8 ACTIVITY: Preparing Steel surfaces: Q1 Lead Abatement - chemical stripping: Q1 Q2 Q3 Q4 Workplace Task: Prepare the surface for protective coating</i>
	<i>Surface is prepared to manufacturer specifications in compliance with substrate requirements, specifications and relevant standards.</i>	<i>Tools needed for preparation: Q3 Preparing Steel Surfaces: Q1 Q2 Q3 Preparing Concrete Surfaces: Q1 Q2 Q3 Q4 Q5 Q6 Q7 ACTIVITY: Preparing Steel surfaces: Q1 ACTIVITY: Preparing Concrete Surfaces: Q1 Lead Abatement - chemical stripping: Q1 Q2 Q3 Q4 Workplace Task: Prepare the surface for protective coating</i>
	<i>Surface imperfections are repaired or stopped, filled and sanded to a smooth finish ready for the protective coating in accordance with manufacturer recommendations and job specifications.</i>	<i>Workplace Task: Prepare the surface for protective coating</i>

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<p><i>Apply protective coating system.</i></p>	<p><i>Job location is checked to ensure provision of adequate ventilation and precautions taken to prevent fire and explosion.</i></p>	<p><i>Handling Hazardous Materials: Q1 Q2 Q3 Q4 Q5 Safety Considerations for Protective Coatings: Q5 Q7 PROJECT: Apply Protective Coating System: Q1 Workplace Task: Applied protective paint coating system</i></p>
	<p><i>Application for paint coating is selected consistent with the job location, type of paint, type and condition of surface and climatic conditions.</i></p>	<p><i>Applying Micaceous Iron Oxide: Q1 Identifying Protective Coatings: Q5 Q7 Q8 PROJECT: Apply Protective Coating System: Q1 Workplace Task: Applied protective paint coating system</i></p>
	<p><i>Protective coating system is applied and finished in accordance with job/manufacture specifications and relevant standards.</i></p>	<p><i>Applying 2-Pak Surface Tolerant Epoxies: Q1 Q2 Q3 Q4 Applying 2-Pak Polyurethane: Q1 Q2 Q3 Q4 Applying Micaceous Iron Oxide: Q2 ACTIVITY: Mixing Two-pack Epoxy: Q1 PROJECT: Apply Protective Coating System: Q1 Workplace Task: Applied protective paint coating system</i></p>
	<p><i>Measurement and dry and wet testing are carried out in accordance with manufacturer specifications and relevant standards.</i></p>	<p><i>ACTIVITY: Dry film thickness test verification: Q1 Q2 Tools needed for preparation: Q1 Testing Wet Film Thickness: Q1 Q2 Q3 Q4 Q5 Q6 Measuring Ambient Conditions: Q1 Q2 Workplace Task: Tested coating thickness</i></p>
<p><i>Clean up.</i></p>	<p><i>Waste and unwanted materials are removed and placed into job waste bins or rubbish stockpile in accordance with sound work practices and compliance with the environmental requirements.</i></p>	<p><i>Disposal of Hazardous Solvents: Q1 Q2 Clean-up of Hazardous Paint Waste: Q1 Q2 Q3 Lead Abatement - chemical stripping: Q4 PROJECT: Apply Protective Coating System: Q1 Workplace Task: Clean-up after application</i></p>
	<p><i>Painting tools, equipment and plant are cleaned with correct solutions and without damage, and stored safely and effectively to manufacturer specifications.</i></p>	<p><i>Cleaning and storage of painting tools: Q2 Q3 Q4 Q5 Maintaining Respirators and Masks: Q1 Q2 PROJECT: Apply Protective Coating System: Q1 Workplace Task: Clean-up after application</i></p>

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	<p><i>Unused materials are sealed and stored/stacked in accordance with standard material handling practices and techniques and company requirements.</i></p>	<p><i>PROJECT: Apply Protective Coating System: Q1 Workplace Task: Clean-up after application</i></p>
	<p><i>Paint waste, water and solvents used in cleaning painting equipment are disposed of in an environmentally sustainable manner and in accordance with relevant legislative requirements.</i></p>	<p><i>Disposal of Hazardous Solvents: Q1 Q2 Clean-up of Hazardous Paint Waste: Q1 Q2 Q3 Cleaning and storage of painting tools: Q1 PROJECT: Apply Protective Coating System: Q1 Workplace Task: Clean-up after application</i></p>
	<p><i>Work area is cleared and materials disposed of or and in accordance with legislation, regulations, codes of practice and job specification.</i></p>	<p><i>Disposal of Hazardous Solvents: Q1 Q2 PROJECT: Apply Protective Coating System: Q1 Workplace Task: Clean-up after application</i></p>

REQUIRED SKILLS

Required Skill	Task / Question Map
Required skills for this unit are:	
communication skills to:	
<i>determine requirements</i>	<p><i>ACTIVITY: Dry film thickness test verification: Q1 Q2</i></p> <p><i>Applying 2-Pak Surface Tolerant Epoxies: Q2</i></p> <p><i>Testing Wet Film Thickness: Q1 Q2 Q3</i></p> <p><i>Identifying Protective Coatings: Q1 Q2 Q3 Q4 Q5 Q6 Q7 Q8</i></p> <p><i>ACTIVITY: Mixing Two-pack Epoxy: Q1</i></p> <p><i>ACTIVITY: Using PPE: Q1</i></p> <p><i>Measuring Ambient Conditions: Q1 Q2</i></p> <p><i>PROJECT: Apply Protective Coating System: Q1</i></p> <p><i>ACTIVITY: Research APAS paint classifications: Q2</i></p> <p><i>Workplace Task: Clean-up after application</i></p>
<i>enable clear and direct communication, using questioning to identify and confirm requirements, share information, listen and understand</i>	<p><i>Trainer Sign-off 2 - Benchmark Questions: Q5</i></p> <p><i>PROJECT: Apply Protective Coating System: Q1</i></p> <p><i>Workplace Task: Clean-up after application</i></p>
<i>follow instructions</i>	<p><i>Applying 2-Pak Polyurethane: Q1 Q2 Q3 Q4</i></p> <p><i>Safety Considerations for Protective Coatings: Q2 Q3</i></p> <p><i>ACTIVITY: Mixing Two-pack Epoxy: Q1</i></p> <p><i>Maintaining Respirators and Masks: Q1 Q2</i></p> <p><i>Trainer Sign-off 2 - Benchmark Questions: Q5</i></p> <p><i>PROJECT: Apply Protective Coating System: Q1</i></p> <p><i>Workplace Task: Clean-up after application</i></p>
read and interpret:	

documentation from a variety of sources	Testing Wet Film Thickness: Q1 Q2 Q3 Safety Considerations for Protective Coatings: Q2 Q3 ACTIVITY: Research APAS paint classifications: Q1 Q2 Workplace Task: Clean-up after application
drawings and specifications	ACTIVITY: Dry film thickness test verification: Q1 Q2 Preparing Steel Surfaces: Q3 ACTIVITY: Research APAS paint classifications: Q2 Workplace Task: Tested coating thickness
report faults	Maintaining Respirators and Masks: Q2
use language and concepts appropriate to cultural differences	Trainer Sign-off 2 - Benchmark Questions: Q6
use and interpret non-verbal communication, such as hand signals	Handling Hazardous Materials: Q8 Trainer Sign-off 2 - Benchmark Questions: Q6
evaluating own actions and making judgments about performance and necessary improvements	Tools needed for preparation: Q2 Maintaining Respirators and Masks: Q2 Workplace Task: Tested coating thickness
identifying and accurately reporting to appropriate personnel any faults in tools, equipment or materials	Tools needed for preparation: Q2 Maintaining Respirators and Masks: Q2 Workplace Task: Clean-up after application
organisational skills, including the ability to plan and set out work	Preparing Concrete Surfaces: Q2 Workplace Task: Applied protective paint coating system
recognising procedures, following instructions, responding to change and contributing to workplace responsibilities, such as current work site environmental and sustainability frameworks or management systems	Applying 2-Pak Surface Tolerant Epoxies: Q4 Disposal of Hazardous Solvents: Q1 Q2 Clean-up of Hazardous Paint Waste: Q1 Q2 Q3 Cleaning and storage of painting tools: Q1 Q3 Q4 Workplace Task: Clean-up after application
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	Trainer Sign-off 2 - Benchmark Questions: Q6
technological skills to:	

<i>use a range of mobile technology, such as two-way radio and mobile phones</i>	<i>Trainer Sign-off 2 - Benchmark Questions: Q7</i>
<i>voice and hand signals to access and understand site-specific instructions.</i>	<i>Trainer Sign-off 2 - Benchmark Questions: Q6</i>

REQUIRED KNOWLEDGE

Required Knowledge	Task / Question Map
Required knowledge for this unit is:	
<i>Australian Paint Approval Scheme (APAS) classifications</i>	<i>ACTIVITY: Research APAS paint classifications: Q1 Q2</i>
<i>hazards associated with solvent vapour, chemical fumes, gases, harmful dusts, metal chips, abrasive grit and asbestos fibres</i>	<i>Preparing Concrete Surfaces: Q1 Q7 Handling Hazardous Materials: Q1 Q2 Q3 Q4 Q5 Safety Considerations for Protective Coatings: Q5 Q7 Q8 Disposal of Hazardous Solvents: Q2 Maintaining Respirators and Masks: Q2</i>
<i>impact of atmospheric conditions and high traffic on new and existing structures and coatings</i>	<i>Identifying Protective Coatings: Q6</i>
<i>job safety analysis (JSA) and safe work method statements</i>	<i>Handling Hazardous Materials: Q1 Q2 Q3 Q4 Q5 Safety Considerations for Protective Coatings: Q5 Q8</i>
<i>material safety data sheets (MSDS)</i>	<i>Handling Hazardous Materials: Q2 Safety Considerations for Protective Coatings: Q3 ACTIVITY: Using PPE: Q1</i>
<i>materials storage and environmentally sustainable waste management, including correct disposal of water-based, latex-based and solvent-based paints</i>	<i>Handling Hazardous Materials: Q1 Q2 Q3 Q4 Q5 Q8 Disposal of Hazardous Solvents: Q1 Q2 Cleaning and storage of painting tools: Q1 Q2 Q3 Q4</i>
<i>painting and decorating terminology</i>	<i>Preparing Steel Surfaces: Q1 Q4 Testing Wet Film Thickness: Q1 Q2 Q3 Safety Considerations for Protective Coatings: Q8 Identifying Protective Coatings: Q1 Q2 Q3 Q4 Q5 Q6 Q7 Q8 ACTIVITY: Mixing Two-pack Epoxy: Q1</i>
<i>plans, drawings and specifications</i>	
<i>processes for the calculation of material requirements</i>	<i>Testing Wet Film Thickness: Q1 Q2 Q3</i>

<i>protective paint coating application equipment and techniques and their uses and limitations</i>	<i>Applying Micaceous Iron Oxide: Q1 ACTIVITY: Mixing Two-pack Epoxy: Q1</i>
<i>protective surface coating technology</i>	<i>ACTIVITY: Dry film thickness test verification: Q1 Q2 Identifying Protective Coatings: Q1 Q2 Q3 Q4 Q5 Q6 Q7 Q8</i>
<i>quality requirements</i>	<i>ACTIVITY: Dry film thickness test verification: Q1 Q2 Preparing Steel Surfaces: Q1 Q2 Q3 Q5 Testing Wet Film Thickness: Q1 Q2 Q3 Applying Micaceous Iron Oxide: Q1 Q2</i>
<i>solid waste and paint sludge disposal techniques and relevant legislation, including Environmental Protection Authority (EPA) and local Council regulations</i>	<i>Clean-up of Hazardous Paint Waste: Q1 Q2 Q3 Cleaning and storage of painting tools: Q1</i>
<i>types of commonly used protective paint coatings, their uses and limitations</i>	<i>Identifying Protective Coatings: Q1 Q2 Q3 Q4 Q5 Q6 Q7 Q8</i>
<i>types of paints, including the characteristics and uses of paint materials with various volatile organic compound (VOCs) levels and alternative and natural paints</i>	<i>Safety Considerations for Protective Coatings: Q8 Identifying Protective Coatings: Q1 Q8</i>
<i>workplace and equipment safety requirements.</i>	<i>Handling Hazardous Materials: Q1 Q2 Q3 Q4 Q5 Q6 Q8 Safety Considerations for Protective Coatings: Q1 Q2 Q3 Q4 Q6 Q7 ACTIVITY: Using PPE: Q1 Maintaining Respirators and Masks: Q1 Q2 PROJECT: Apply Protective Coating System: Q1</i>

CRITICAL ASPECTS

Critical Aspects	Task / Question Map
<i>This competency is to be assessed using standard and authorised work practices, safety requirements and environmental constraints.</i>	
<i>Assessment of essential underpinning knowledge will usually be conducted in an off-site context.</i>	ACTIVITY: Research APAS paint classifications: Q1 Q2
<i>Assessment is to comply with relevant regulatory or Australian standards' requirements.</i>	ACTIVITY: Research APAS paint classifications: Q1 Q2
Resource implications for assessment include:	
<i>an induction procedure and requirement</i>	
<i>realistic tasks or simulated tasks covering the mandatory task requirements</i>	ACTIVITY: Dry film thickness test verification: Q1 Q2 ACTIVITY: Preparing Steel surfaces: Q1 ACTIVITY: Preparing Concrete Surfaces: Q1 ACTIVITY: Mixing Two-pack Epoxy: Q1 ACTIVITY: Using PPE: Q1 PROJECT: Apply Protective Coating System: Q1 ACTIVITY: Research APAS paint classifications: Q1 Q2 Workplace Task: Prepare the surface for protective coating
<i>relevant specifications and work instructions</i>	Measuring Ambient Conditions: Q1 Q2 ACTIVITY: Research APAS paint classifications: Q1 Q2
<i>tools and equipment appropriate to applying safe work practices</i>	Safety Considerations for Protective Coatings: Q1 Q2 Q3 Q4 Q6 Q7 PROJECT: Apply Protective Coating System: Q1
<i>support materials appropriate to activity</i>	ACTIVITY: Research APAS paint classifications: Q1 Q2
<i>workplace instructions relating to safe work practices and addressing hazards and emergencies</i>	Safety Considerations for Protective Coatings: Q1 Q2 Q3 Q4 Q5
<i>material safety data sheets</i>	Handling Hazardous Materials: Q1 Q2 Q3 Safety Considerations for Protective Coatings: Q3
<i>research resources, including industry related systems information.</i>	Identifying Protective Coatings: Q6 ACTIVITY: Research APAS paint classifications: Q1 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	
<i>Planning and preparation include:</i>	<i>assessment of conditions and hazards</i>	<i>Handling Hazardous Materials: Q1 Q2 Q3 Q4 Q5 Q6 Q8 Safety Considerations for Protective Coatings: Q5 Q7 ACTIVITY: Using PPE: Q1 Measuring Ambient Conditions: Q1 Q2</i>
	<i>determination of work requirements and safety plans and policies</i>	<i>Preparing Steel Surfaces: Q1 Q2 Q3 Preparing Concrete Surfaces: Q7 Applying 2-Pak Surface Tolerant Epoxies: Q1 Testing Wet Film Thickness: Q1 Q2 Q3 Safety Considerations for Protective Coatings: Q1 Q2 Q3 Q4 PROJECT: Apply Protective Coating System: Q1</i>
	<i>equipment defect identification</i>	<i>ACTIVITY: Dry film thickness test verification: Q1 Q2 Tools needed for preparation: Q2 Maintaining Respirators and Masks: Q1 Q2</i>
	<i>work site inspection.</i>	<i>Handling Hazardous Materials: Q8 Safety Considerations for Protective Coatings: Q5 Identifying Protective Coatings: Q6 Measuring Ambient Conditions: Q1 Q2</i>
<i>Safety (OHS) is to be in accordance with state and territory legislation and regulations and project safety plan and may include:</i>	<i>emergency procedures, including extinguishing fires, organisational first aid requirements and evacuation</i>	<i>Handling Hazardous Materials: Q7</i>
	<i>handling activities that may require the assistance of others or the use of manual or mechanical lifting devices where size, weight or other issues, such as a disability are a factor</i>	<i>Handling Hazardous Materials: Q6</i>

	<i>hazard control</i>	<i>Preparing Concrete Surfaces: Q1 Q7</i> <i>Handling Hazardous Materials: Q1 Q2 Q3 Q4 Q5 Q8</i> <i>Safety Considerations for Protective Coatings: Q1 Q2 Q3 Q4 Q5 Q6 Q7 Q8</i>
	<i>hazardous materials and substances</i>	<i>Preparing Concrete Surfaces: Q7</i> <i>Handling Hazardous Materials: Q1 Q2 Q3 Q4 Q5 Q8</i> <i>Safety Considerations for Protective Coatings: Q1 Q2 Q3 Q4 Q7</i>
	<i>organisational first aid</i>	
	<i>PPE prescribed under legislation, regulations and workplace policies and practices</i>	<i>Safety Considerations for Protective Coatings: Q1 Q2 Q3 Q4 Q6 Q7</i> <i>ACTIVITY: Using PPE: Q1</i> <i>Maintaining Respirators and Masks: Q1 Q2</i>
<i>safe operating procedures, including the conduct of operational risk assessment and treatments associated with:</i>		
	<i>earth leakage boxes</i>	
	<i>electrical and fire and/or explosion from combustible materials</i>	<i>Handling Hazardous Materials: Q1 Q2 Q3 Q4 Q5 Q7 Q8</i> <i>Safety Considerations for Protective Coatings: Q5</i> <i>Disposal of Hazardous Solvents: Q2</i>
	<i>falling objects</i>	
	<i>lighting</i>	
	<i>manual handling</i>	<i>Handling Hazardous Materials: Q6</i> <i>ACTIVITY: Mixing Two-pack Epoxy: Q1</i>
	<i>photovoltaic (solar) panels</i>	
	<i>power cables, including overhead service trays, cables and conduits</i>	
	<i>restricted access barriers</i>	<i>Handling Hazardous Materials: Q8</i>
	<i>solvents, lead, chemicals, fumes/gases</i>	<i>Preparing Concrete Surfaces: Q1</i> <i>Handling Hazardous Materials: Q1 Q2 Q3 Q4 Q5 Q8</i> <i>Safety Considerations for Protective Coatings: Q1 Q2 Q4 Q5 Q8</i> <i>Disposal of Hazardous Solvents: Q1 Q2</i> <i>ACTIVITY: Mixing Two-pack Epoxy: Q1</i> <i>ACTIVITY: Using PPE: Q1</i> <i>Maintaining Respirators and Masks: Q2</i>
	<i>surrounding structures</i>	

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	<i>traffic control</i>	
	<i>trip hazards</i>	
	<i>work access platforms</i>	
	<i>work site visitors and the public</i>	
	<i>working at heights</i>	
	<i>working in confined spaces</i>	<i>Safety Considerations for Protective Coatings: Q5</i>
	<i>working in proximity to others, work site visitors and the public</i>	
	<i>use of firefighting equipment</i>	<i>Handling Hazardous Materials: Q7</i>
	<i>use of tools and equipment</i>	<i>Preparing Concrete Surfaces: Q6</i> <i>Testing Wet Film Thickness: Q1 Q2 Q3 Q4 Q5 Q6</i> <i>Safety Considerations for Protective Coatings: Q6 Q7</i> <i>Applying Micaceous Iron Oxide: Q2</i> <i>ACTIVITY: Preparing Steel surfaces: Q1</i> <i>ACTIVITY: Mixing Two-pack Epoxy: Q1</i> <i>Maintaining Respirators and Masks: Q1 Q2</i>
	<i>workplace environmental requirements and safety.</i>	<i>Handling Hazardous Materials: Q1 Q2 Q3 Q4 Q5 Q8</i> <i>Safety Considerations for Protective Coatings: Q1 Q2 Q3 Q4 Q5 Q8</i> <i>Disposal of Hazardous Solvents: Q2</i>
<i>Tools and equipment include:</i>	<i>brushware</i>	<i>Cleaning and storage of painting tools: Q5</i> <i>Introduction to Applying protective paint coating systems: Q2</i> <i>Workplace Task: Applied protective paint coating system</i>
	<i>brushware accessories</i>	<i>Introduction to Applying protective paint coating systems: Q2</i> <i>Workplace Task: Applied protective paint coating system</i>
	<i>buckets</i>	<i>Introduction to Applying protective paint coating systems: Q2</i>
	<i>covers</i>	<i>Introduction to Applying protective paint coating systems: Q2</i>
	<i>drop sheets</i>	<i>Introduction to Applying protective paint coating systems: Q2</i> <i>Workplace Task: Applied protective paint coating system</i>
	<i>duster brushes</i>	<i>Introduction to Applying protective paint coating systems: Q2</i>
	<i>hand and mechanical wire brushes</i>	<i>Preparing Steel Surfaces: Q2 Q5</i> <i>Introduction to Applying protective paint coating systems: Q2</i>

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	<i>hand sanders</i>	<i>Preparing Steel Surfaces: Q5 Introduction to Applying protective paint coating systems: Q2</i>
	<i>high pressure water blasters</i>	<i>Preparing Steel Surfaces: Q2 Preparing Concrete Surfaces: Q8 ACTIVITY: Preparing Steel surfaces: Q1 ACTIVITY: Preparing Concrete Surfaces: Q1 Introduction to Applying protective paint coating systems: Q2</i>
	<i>mechanical grinders</i>	<i>Tools needed for preparation: Q3 Preparing Steel Surfaces: Q2 Q5 Preparing Concrete Surfaces: Q7 ACTIVITY: Preparing Steel surfaces: Q1 Introduction to Applying protective paint coating systems: Q2</i>
	<i>mechanical sanders</i>	<i>Preparing Steel Surfaces: Q5 ACTIVITY: Preparing Steel surfaces: Q1 Introduction to Applying protective paint coating systems: Q2</i>
	<i>paint pots and buckets</i>	<i>ACTIVITY: Mixing Two-pack Epoxy: Q1 Introduction to Applying protective paint coating systems: Q2 Workplace Task: Applied protective paint coating system</i>
	<i>paint stirrers</i>	<i>ACTIVITY: Mixing Two-pack Epoxy: Q1 Introduction to Applying protective paint coating systems: Q2 Workplace Task: Applied protective paint coating system</i>
	<i>rags</i>	<i>Handling Hazardous Materials: Q3 Q5 Introduction to Applying protective paint coating systems: Q2 Workplace Task: Applied protective paint coating system</i>
	<i>roller accessories</i>	<i>Applying Micaceous Iron Oxide: Q1 Q2 Introduction to Applying protective paint coating systems: Q2 Workplace Task: Applied protective paint coating system</i>
	<i>roller frames</i>	<i>Introduction to Applying protective paint coating systems: Q2 Workplace Task: Applied protective paint coating system</i>
	<i>scrapers</i>	<i>Preparing Steel Surfaces: Q5 Introduction to Applying protective paint coating systems: Q2</i>

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	spray equipment	Applying Micaceous Iron Oxide: Q1 Introduction to Applying protective paint coating systems: Q2 Workplace Task: Applied protective paint coating system
	wet and dry film thickness gauges.	ACTIVITY: Dry film thickness test verification: Q1 Q2 Tools needed for preparation: Q2 Testing Wet Film Thickness: Q1 Q2 Q3 Q4 Q5 Q6 Introduction to Applying protective paint coating systems: Q2 Workplace Task: Tested coating thickness
Work platforms include:	aluminium mobile scaffolds	Required Tools and Materials for CPCCPD3030A: Q2
	elevated work platforms	Required Tools and Materials for CPCCPD3030A: Q2
	hop ups	Required Tools and Materials for CPCCPD3030A: Q2
	in situ scaffold erected by qualified personnel	Required Tools and Materials for CPCCPD3030A: Q2
	ladders	Required Tools and Materials for CPCCPD3030A: Q2
	planks	Required Tools and Materials for CPCCPD3030A: Q2
	scissor lifts	Required Tools and Materials for CPCCPD3030A: Q2
	stepladders	Required Tools and Materials for CPCCPD3030A: Q2
	trestles.	Required Tools and Materials for CPCCPD3030A: Q2
Quality requirements include:	internal company quality policy and standards	
	manufacturer specifications, where specified	ACTIVITY: Dry film thickness test verification: Q1 Q2 Applying 2-Pak Surface Tolerant Epoxies: Q1 Q2 Q3 Q4 Testing Wet Film Thickness: Q1 Q2 Q3 ACTIVITY: Mixing Two-pack Epoxy: Q1 Measuring Ambient Conditions: Q1 Q2 PROJECT: Apply Protective Coating System: Q1
	relevant regulations, including Australian standards	ACTIVITY: Research APAS paint classifications: Q1 Q2
	workplace operations and procedures.	
Materials include:	cleaning aids	Preparing Concrete Surfaces: Q1 Lead Abatement - chemical stripping: Q3

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	<i>cleaning chemicals</i>	<i>Preparing Concrete Surfaces: Q1 Handling Hazardous Materials: Q1 Lead Abatement - chemical stripping: Q3</i>
	<i>solvents.</i>	<i>Applying 2-Pak Surface Tolerant Epoxies: Q1 Handling Hazardous Materials: Q2 Safety Considerations for Protective Coatings: Q2 Q4 Disposal of Hazardous Solvents: Q2</i>
<i>Environmental requirements include:</i>	<i>chemical fumes</i>	<i>Handling Hazardous Materials: Q1 Q2 Q3 Safety Considerations for Protective Coatings: Q1 Q5 Q7 Q8 Workplace Task: Clean-up after application</i>
	<i>clean-up management</i>	<i>Disposal of Hazardous Solvents: Q1 Q2 Clean-up of Hazardous Paint Waste: Q1 Q2 Q3 Cleaning and storage of painting tools: Q1 Q3 Q4 Workplace Task: Clean-up after application</i>
	<i>dust and noise</i>	<i>Preparing Concrete Surfaces: Q7</i>
	<i>low odour and emissions</i>	<i>Safety Considerations for Protective Coatings: Q8</i>
	<i>stormwater protection</i>	<i>Cleaning and storage of painting tools: Q2 Q4 Workplace Task: Clean-up after application</i>
	<i>waste management.</i>	<i>Handling Hazardous Materials: Q1 Q2 Q3 Q4 Q5 Disposal of Hazardous Solvents: Q1 Q2 Clean-up of Hazardous Paint Waste: Q1 Q2 Q3 Cleaning and storage of painting tools: Q1 Q4 Lead Abatement - chemical stripping: Q4 Workplace Task: Clean-up after application</i>
Surface to be prepared and coated:	may be:	
	<i>new</i>	<i>Preparing Concrete Surfaces: Q1 Q2 Q3 Workplace Task: Applied protective paint coating system</i>

	<i>previously coated</i>	<p><i>Tools needed for preparation: Q3</i></p> <p><i>Preparing Concrete Surfaces: Q7</i></p> <p><i>Identifying Protective Coatings: Q4</i></p> <p><i>Lead Abatement - chemical stripping: Q1 Q2 Q3 Q4</i></p> <p><i>Workplace Task: Applied protective paint coating system</i></p>
includes:		
	<i>concrete</i>	<p><i>Tools needed for preparation: Q3</i></p> <p><i>Preparing Concrete Surfaces: Q1 Q2 Q3 Q4 Q5 Q6 Q7 Q8</i></p> <p><i>ACTIVITY: Preparing Concrete Surfaces: Q1</i></p> <p><i>Workplace Task: Applied protective paint coating system</i></p>
	<i>fibreglass</i>	<i>Workplace Task: Applied protective paint coating system</i>
	<i>metallic (iron, steel, ferrous and non-ferrous metals)</i>	<p><i>Preparing Steel Surfaces: Q4</i></p> <p><i>Workplace Task: Applied protective paint coating system</i></p>
	<i>plastics, including polyvinyl chloride (PVC).</i>	<i>Workplace Task: Applied protective paint coating system</i>
<i>Paint coating includes:</i>	<i>polyurethane primer (two pack)</i>	<p><i>Applying 2-Pak Polyurethane: Q1 Q2 Q3 Q4</i></p> <p><i>Safety Considerations for Protective Coatings: Q1</i></p> <p><i>Identifying Protective Coatings: Q1 Q2 Q5</i></p> <p><i>ACTIVITY: Mixing Two-pack Epoxy: Q1</i></p> <p><i>Workplace Task: Applied protective paint coating system</i></p>
	<i>epoxy primer (two pack)</i>	<p><i>Applying 2-Pak Surface Tolerant Epoxies: Q1 Q2 Q3 Q4</i></p> <p><i>Identifying Protective Coatings: Q1 Q2 Q4 Q5</i></p> <p><i>ACTIVITY: Mixing Two-pack Epoxy: Q1</i></p> <p><i>Workplace Task: Applied protective paint coating system</i></p>
	<i>high build epoxy</i>	<p><i>Applying Micaceous Iron Oxide: Q1 Q2</i></p> <p><i>Identifying Protective Coatings: Q1</i></p> <p><i>ACTIVITY: Mixing Two-pack Epoxy: Q1</i></p> <p><i>Workplace Task: Tested coating thickness</i></p>
	<i>high build chlorinated rubber.</i>	<i>Workplace Task: Applied protective paint coating system</i>
<i>Surface preparation method includes:</i>	<i>abrasive blasting</i>	<i>Preparing Steel Surfaces: Q2</i>

	<i>chemical stripping</i>	<i>Lead Abatement - chemical stripping: Q1 Q2 Q3 Q4</i> <i>Workplace Task: Prepare the surface for protective coating</i>
	<i>grinding</i>	<i>Tools needed for preparation: Q3</i> <i>Preparing Steel Surfaces: Q2 Q5</i> <i>Preparing Concrete Surfaces: Q6 Q7</i> <i>ACTIVITY: Preparing Steel surfaces: Q1</i> <i>ACTIVITY: Preparing Concrete Surfaces: Q1</i> <i>Workplace Task: Prepare the surface for protective coating</i>
	<i>heat gun</i>	
	<i>sanding</i>	<i>Preparing Steel Surfaces: Q2 Q5</i> <i>ACTIVITY: Preparing Steel surfaces: Q1</i> <i>Workplace Task: Prepare the surface for protective coating</i>
	<i>scraping (mechanical and hand)</i>	<i>Preparing Steel Surfaces: Q2 Q5</i>
	<i>washing down using sugar soap</i>	
	<i>water blasting.</i>	<i>Preparing Steel Surfaces: Q2</i> <i>Preparing Concrete Surfaces: Q8</i> <i>ACTIVITY: Preparing Steel surfaces: Q1</i> <i>ACTIVITY: Preparing Concrete Surfaces: Q1</i> <i>Workplace Task: Prepare the surface for protective coating</i>
<i>Application:</i>	<i>is to comply with relevant Australian standards.</i>	<i>Workplace Task: Tested coating thickness</i>
<i>Paint coating includes:</i>	<i>corrosion control</i>	<i>Preparing Steel Surfaces: Q4</i> <i>Identifying Protective Coatings: Q2 Q5 Q6 Q7</i> <i>Workplace Task: Applied protective paint coating system</i>
	<i>decoration</i>	<i>Applying Micaceous Iron Oxide: Q1 Q2</i>
	<i>hygiene and sanitation protection</i>	<i>Identifying Protective Coatings: Q6</i>
	<i>trafficable areas.</i>	<i>Identifying Protective Coatings: Q6</i>
<i>Measurement and dry and wet testing techniques:</i>	<i>are those required to confirm that wet film meets specifications.</i>	<i>ACTIVITY: Dry film thickness test verification: Q1 Q2</i> <i>Applying 2-Pak Surface Tolerant Epoxies: Q2</i> <i>Measuring Ambient Conditions: Q1 Q2</i> <i>Workplace Task: Tested coating thickness</i>

CPCCPD3030B Apply protective paint coating systems

<i>Paint waste, water and solvents disposal includes:</i>	<i>use of manual and machine environmentally sustainable cleaning methods</i>	<i>Cleaning and storage of painting tools: Q1 Q4 Q5 PROJECT: Apply Protective Coating System: Q1 Workplace Task: Clean-up after application</i>
	<i>cleaning water re-cycling or professional disposal</i>	<i>Cleaning and storage of painting tools: Q2 Q4 PROJECT: Apply Protective Coating System: Q1 Workplace Task: Clean-up after application</i>
	<i>solid waste disposal requirements</i>	<i>Handling Hazardous Materials: Q1 Q3 Clean-up of Hazardous Paint Waste: Q1 Q2 Q3 PROJECT: Apply Protective Coating System: Q1 Workplace Task: Clean-up after application</i>