

CPPCMN3001B Matrix Map

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ELEMENTS AND PERFORMANCE CRITERIA

Element	Performance Criteria	Task / Question Map
1. Identify current resource use.	1.1 Workplace's environment and resource efficiency issues are identified.	Sustainability in the Building Industry: Q1 Q2 Q3 Q4 Q5 Q6 Q7 Embodied Energy in the Built Environment: Q1 Q2 Q3 Identifying Resource Use: Q1 Q2 Q3 Q4 Q5 Reducing Waste on the Work-site: Q1 Q2 Q3 Q4 Q5 Q6 Making Suggestions to improve sustainability: Q1 Q2 Q3 Q4 Q5 Workplace Task: Identifying resource use
	1.2 Resources used in own work role are identified.	Sustainability in the Building Industry: Q3 Identifying Resource Use: Q3 Q4 Making Suggestions to improve sustainability: Q1 Q2 Q3 Q4 Q5 Workplace Task: Identifying resource use
	1.3 Current use of resources is measured and documented using appropriate techniques.	Reducing Waste on the Work-site: Q1 Q2 Q3 Q4 Q5 Q6 Workplace Task: Identifying resource use
	1.4 Workplace environmental hazards are identified and reported to appropriate personnel.	Reporting workplace environmental hazards: Q1 Q2 Q3 Q4 Q5 Webcam Scenario - Reporting environmental breach : Q1 Workplace Task: Site Sustainability Audit
2. Comply with environmental regulations.	2.1 Procedures are followed to ensure compliance.	Webcam Scenario - Reporting environmental breach : Q1
	2.2 Breaches or potential breaches are reported to appropriate personnel.	Reporting workplace environmental hazards: Q1 Q2 Q3 Q4 Q5 Webcam Scenario - Reporting environmental breach : Q1
3. Contribute to improvement of resource efficiency.	3.1 Organisational plans to improve environmental practices and resource efficiency are followed.	Working on a Green Star project: Q1 Q2 Q3 Work policies and procedures & the Environment: Q1 Q2 Q3 Q4 Q5 Q6 Q7 Reducing Waste on the Work-site: Q1 Q2 Q3 Q4 Q5 Q6 Follow Workplace Plan to Improve Workplace Practices: Q1 Q2 Q3 Q4 Q5

	3.2 Suggestions are made for improvements to workplace practices in own work area.	Teamwork and strategies for improvement: Q1 Q2 Q3 Project - Site Sustainability Audit: Q1 Q2 Making Suggestions to improve sustainability: Q1 Q2 Q3 Q4 Q5
4. Understand resource efficiency issues and practices.	4.1 Organisation's policies and procedures regarding environment and resource efficiency issues are understood and communicated succinctly.	Working on a Green Star project: Q1 Q2 Q3 Work policies and procedures & the Environment: Q1 Q2 Q3 Q4 Q5 Q6 Q7 Teamwork and strategies for improvement: Q1 Q2 Q3
	4.2 Opportunities for improved and sustainable use of resources are identified and communicated as appropriate to customer or workplace supervisor.	Project - Site Sustainability Audit: Q1 Q2 Making Suggestions to improve sustainability: Q1 Q2 Q3 Q4 Q5 Communicating your sustainability outcomes: Q1 Workplace Task: Site Sustainability Audit
	4.3 Benefits provided by organisation's approach to sustainable resource use and impact on work being performed are identified and communicated clearly and succinctly.	Sustainability in the Building Industry: Q7 Making Suggestions to improve sustainability: Q1 Q2 Q3 Q4 Q5 Communicating your sustainability outcomes: Q1

REQUIRED SKILLS

Required Skill	Task / Question Map
<i>interpersonal skills to relate to people from diverse backgrounds</i>	<i>Teamwork and strategies for improvement: Q1 Q2 Q3</i>
language, literacy and numeracy skills for:	
<i>clarifying work requirements</i>	<i>Working on a Green Star project: Q1 Q2 Q3 Embodied Energy in the Built Environment: Q1 Q2 Q3 Workplace Task: Identifying resource use</i>
<i>communicating information about benefits and types of sustainability practices clearly and concisely verbally and in writing</i>	<i>Teamwork and strategies for improvement: Q1 Q2 Q3 Making Suggestions to improve sustainability: Q1 Q2 Q3 Q4 Q5</i>
<i>documenting and reporting resource use</i>	<i>Identifying Resource Use: Q1 Q2 Q3 Q4 Q5 Project - Site Sustainability Audit: Q1 Q2 Making Suggestions to improve sustainability: Q1 Q2 Q3 Q4 Q5</i>
<i>following instructions and procedures</i>	<i>Reporting workplace environmental hazards: Q1 Q2 Q3 Q4 Q5 Webcam Scenario - Reporting environmental breach : Q1 Teamwork and strategies for improvement: Q1 Q2 Q3</i>
<i>interpreting workplace information</i>	<i>Work policies and procedures & the Environment: Q1 Q2 Q3 Q4 Q5 Q6 Q7 Follow Workplace Plan to Improve Workplace Practices: Q1 Q2 Q3 Q4 Q5</i>
<i>measuring resource use</i>	<i>Reducing Waste on the Work-site: Q1 Q2 Q3 Q4 Q5 Q6 Project - Site Sustainability Audit: Q1 Q2 Workplace Task: Identifying resource use</i>

REQUIRED KNOWLEDGE

Required Knowledge	Task / Question Map
<i>basic understanding of sustainability</i>	<p><i>Sustainability: Q1 Q2 Q3</i></p> <p><i>Sustainability in the Building Industry: Q1 Q2 Q3 Q4 Q5 Q6 Q7</i></p> <p><i>Embodied Energy in the Built Environment: Q1 Q2 Q3</i></p> <p><i>Making Suggestions to improve sustainability: Q1 Q2 Q3 Q4 Q5</i></p> <p><i>Workplace Task: Site Sustainability Audit</i></p>
<i>environmental and resource hazards and risks, and inefficiencies associated with own workplace</i>	<p><i>Webcam Scenario - Reporting environmental breach : Q1</i></p> <p><i>Reducing Waste on the Work-site: Q1 Q2 Q3 Q4 Q5 Q6</i></p> <p><i>Making Suggestions to improve sustainability: Q1 Q2 Q3 Q4 Q5</i></p> <p><i>Workplace Task: Site Sustainability Audit</i></p>
<i>legislation and regulations that apply to environmentally sustainable practices in own workplace</i>	<p><i>Energy Efficiency and the Building Code of Australia: Q1 Q2 Q3 Q4 Q5 Q6</i></p> <p><i>Environmental legislation: Q1 Q2 Q3 Q4</i></p> <p><i>Environmental Protection: Q1 Q2 Q3</i></p> <p><i>Workplace Task: Site Sustainability Audit</i></p>
<i>relevant environmental and resource efficiency systems and procedures for own work area</i>	<p><i>Work policies and procedures & the Environment: Q1 Q2 Q3 Q4 Q5 Q6 Q7</i></p> <p><i>Energy Efficiency and the Building Code of Australia: Q1 Q2 Q3 Q4 Q5 Q6</i></p> <p><i>Reducing Waste on the Work-site: Q1 Q2 Q3 Q4 Q5 Q6</i></p> <p><i>Workplace Task: Site Sustainability Audit</i></p>
<i>reporting procedures</i>	<p><i>Reporting workplace environmental hazards: Q1 Q2 Q3 Q4 Q5</i></p> <p><i>Webcam Scenario - Reporting environmental breach : Q1</i></p> <p><i>Project - Site Sustainability Audit: Q1 Q2</i></p> <p><i>Workplace Task: Site Sustainability Audit</i></p>

CRITICAL ASPECTS

Critical Aspects	Task / Question Map
<p><i>A person who demonstrates competency in this unit must be able to provide evidence of the required skills and knowledge specified in this unit.</i></p>	
<p>In particular the person should demonstrate the ability to:</p>	
<p><i>apply improved resource efficiency approaches to own work area and demonstrate outcomes</i></p>	<p><i>Reducing Waste on the Work-site: Q1 Q2 Q3 Q4 Q5 Q6</i> <i>Follow Workplace Plan to Improve Workplace Practices: Q1 Q2 Q3 Q4 Q5</i></p>
<p><i>communicate with customers and other stakeholders</i></p>	<p><i>Webcam Scenario - Reporting environmental breach : Q1</i> <i>Teamwork and strategies for improvement: Q1 Q2 Q3</i> <i>Communicating your sustainability outcomes: Q1</i> <i>Workplace Task: Site Sustainability Audit</i></p>
<p><i>list environmental hazards and risks, and inefficiencies and opportunities for improvements identified in the workplace</i></p>	<p><i>Embodied Energy in the Built Environment: Q1 Q2 Q3</i> <i>Webcam Scenario - Reporting environmental breach : Q1</i> <i>Reducing Waste on the Work-site: Q1 Q2 Q3 Q4 Q5 Q6</i> <i>Project - Site Sustainability Audit: Q1 Q2</i> <i>Making Suggestions to improve sustainability: Q1 Q2 Q3 Q4 Q5</i> <i>Workplace Task: Site Sustainability Audit</i></p>
<p><i>measure and report current resource use</i></p>	<p><i>Identifying Resource Use: Q1 Q2 Q3 Q4 Q5</i> <i>Project - Site Sustainability Audit: Q1 Q2</i> <i>Workplace Task: Identifying resource use</i></p>
<p><i>contribute advice and suggestions for improvements.</i></p>	<p><i>Teamwork and strategies for improvement: Q1 Q2 Q3</i> <i>Project - Site Sustainability Audit: Q1 Q2</i> <i>Making Suggestions to improve sustainability: Q1 Q2 Q3 Q4 Q5</i> <i>Workplace Task: Site Sustainability Audit</i></p>

RANGE STATEMENTS

Range Statements	Task / Question Map	
<i>Environmental and resource efficiency issues may include:</i>	<i>application of industry codes and standards, including ecoCLEAN</i>	<i>Energy Efficiency and the Building Code of Australia: Q3</i>
	<i>measurements made under different conditions</i>	
<i>minimisation of environmental risks and maximisation of opportunities to improve business environmental performance and to promote more efficient production and consumption of natural resources, for example by:</i>		
	<i>efficient energy use</i>	<i>Identifying Resource Use: Q5 Workplace Task: Identifying resource use</i>
	<i>efficient water use</i>	<i>Identifying Resource Use: Q5 Workplace Task: Identifying resource use</i>
	<i>minimising use of chemicals</i>	<i>Identifying Resource Use: Q5 Workplace Task: Identifying resource use</i>
	<i>minimising waste, through implementation of waste management hierarchy</i>	<i>Reducing Waste on the Work-site: Q6 Workplace Task: Identifying resource use</i>
	<i>seeking alternative sources of energy.</i>	<i>Sustainability in the Building Industry: Q3</i>
<i>Appropriate techniques may include:</i>	<i>examination of invoices from suppliers</i>	
	<i>examination of relevant information and data</i>	<i>Reducing Waste on the Work-site: Q6 Project - Site Sustainability Audit: Q2</i>
	<i>measurements made under different conditions.</i>	
<i>Compliance includes:</i>	<i>meeting relevant federal, state and local government laws, by-laws and regulations, including application of energy rating/conservation systems, such as the Green Star environmental rating system.</i>	<i>Working on a Green Star project: Q1 Q2 Q3 Energy Efficiency and the Building Code of Australia: Q3</i>
<i>Organisational plans may include work plans to:</i>	<i>increase efficiency of water use</i>	<i>Identifying Resource Use: Q5 Workplace Task: Site Sustainability Audit</i>

	<i>minimise waste.</i>	<i>Identifying Resource Use: Q5 Reducing Waste on the Work-site: Q6 Workplace Task: Site Sustainability Audit</i>
<i>Suggestions may include ideas that help to:</i>	<i>improve energy efficiency</i>	<i>Project - Site Sustainability Audit: Q2 Making Suggestions to improve sustainability: Q5 Workplace Task: Site Sustainability Audit</i>
	<i>increase use of renewable, recyclable, re-usable and recoverable resources</i>	<i>Identifying Resource Use: Q5 Project - Site Sustainability Audit: Q2 Making Suggestions to improve sustainability: Q5 Workplace Task: Site Sustainability Audit</i>
	<i>prevent and minimise risks and maximise opportunities, such as use of solar or other alternative forms of energy where appropriate</i>	<i>Project - Site Sustainability Audit: Q2 Making Suggestions to improve sustainability: Q5 Workplace Task: Site Sustainability Audit</i>
	<i>reduce emissions of greenhouse gases</i>	<i>Project - Site Sustainability Audit: Q2 Making Suggestions to improve sustainability: Q5 Workplace Task: Site Sustainability Audit</i>
	<i>reduce use of non-renewable resources.</i>	<i>Project - Site Sustainability Audit: Q2 Making Suggestions to improve sustainability: Q5 Workplace Task: Site Sustainability Audit</i>
<i>Benefits of efficient and sustainable use of resources to the customer will depend on the nature of the work being performed and will vary across industry sectors, but may include:</i>	<i>compliance with legislative and industry standards</i>	<i>Energy Efficiency and the Building Code of Australia: Q3</i>
	<i>improved environmental outcomes for the customers, or residents of the premises</i>	<i>Communicating your sustainability outcomes: Q1</i>
	<i>reduced price due to:</i>	
	<i>lower cost for disposal of less toxic chemicals and other materials</i>	<i>Identifying Resource Use: Q5 Communicating your sustainability outcomes: Q1</i>
	<i>lower input costs for consumables</i>	<i>Sustainability in the Building Industry: Q7</i>

	<i>sense of wellbeing by contributing to improved environmental outcomes.</i>	<i>Communicating your sustainability outcomes: Q1</i>
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