

CPCSUS4001A Matrix Map

(Generated Monday, 21 September 2015)

ELEMENTS AND PERFORMANCE CRITERIA

Element	Performance Criteria	Task / Question Map
1. Investigate current practices in relation to resource usage.	1.1. Environmental regulations applying to the organisation are identified.	<p>Environmental legislation: Q1 Q2 Q3 Q4</p> <p>Environmental protection: Q1 Q2 Q3 Q4 Q5 Q6 Q7</p> <p>Reporting workplace environmental hazards: Q1 Q2 Q3 Q4 Q5</p> <p>Workplace Task: access, collect, analyse and organise information from a number of sources to provide information, advice and tools or resources for improvement opportunities to stakeholders and key personnel</p>
	1.2. Procedures for ensuring compliance with environmental regulations are assessed.	<p>Environmental legislation: Q1 Q2 Q3 Q4</p> <p>Environmental protection: Q1 Q2 Q3 Q4 Q5 Q6 Q7</p> <p>Reporting workplace environmental hazards: Q1 Q2 Q3 Q4 Q5</p> <p>Workplace Task: access, collect, analyse and organise information from a number of sources to provide information, advice and tools or resources for improvement opportunities to stakeholders and key personnel</p>
	1.3. Information on environmental and resource efficiency systems and procedures are collected, and where appropriate, provided to stakeholders, key personnel and specialists.	<p>Sustainability in the Building Industry: Q1 Q2 Q3 Q4 Q5 Q6 Q7</p> <p>Identifying Resource Use: Q1 Q2 Q3 Q4 Q5 Q7</p> <p>Own workplace audit - air-conditioning: Q1 Q2</p> <p>Own workplace audit - waste: Q1 Q2</p> <p>Reducing Waste on the Work-site: Q1 Q2 Q3 Q4 Q5 Q6</p> <p>Workplace Task: access, collect, analyse and organise information from a number of sources to provide information, advice and tools or resources for improvement opportunities to stakeholders and key personnel</p>

	1.4. Current resource usage is measured and documented by members of the work group.	<p>Electricity Audit Scenario: Q1 Q2 Q3</p> <p>Own workplace audit - air-conditioning: Q1 Q2</p> <p>Own workplace audit - waste: Q1 Q2</p> <p>Analyse Current Processes and Products: Q1 Q2</p> <p>Practical: Measuring Current Sustainability Practices: Q1 Q2</p> <p>Workplace Task: access, collect, analyse and organise information from a number of sources to provide information, advice and tools or resources for improvement opportunities to stakeholders and key personnel</p>
	1.5. Current purchasing strategies are analysed and documented.	<p>Own workplace audit - waste: Q1 Q2</p> <p>Analysing Current Purchasing Strategies: Q1 Q2 Q3 Q4</p> <p>Analyse Current Processes and Products: Q1 Q2</p> <p>Practical: Measuring Current Sustainability Practices: Q1 Q2</p> <p>Workplace Task: access, collect, analyse and organise information from a number of sources to provide information, advice and tools or resources for improvement opportunities to stakeholders and key personnel</p>
	1.6. Current work processes and products are analysed to access information and data and to assist in identifying areas for improvement.	<p>Analyse Current Processes and Products: Q1 Q2</p> <p>Practical: Measuring Current Sustainability Practices: Q1 Q2</p> <p>Project - Site Sustainability Audit: Q1 Q2</p> <p>Workplace Task: identify possible areas for improved practices and resource efficiency for stakeholders</p>
2. Set targets for improvement.	2.1. Input is sought from stakeholders, key personnel and specialists and shared with them as appropriate.	<p>Analyse Current Processes and Products: Q2</p> <p>Greening Your Supply Chain: Q1 Q2 Q3</p> <p>Teamwork and strategies for improvement: Q1 Q2 Q3</p> <p>Workplace Task: identify possible areas for improved practices and resource efficiency for stakeholders</p>
	2.2. External sources of information and data are accessed as required.	<p>Evaluating alternative solutions: Q1 Q2 Q3</p> <p>Greening Your Supply Chain: Q1 Q2 Q3</p> <p>Workplace Task: access, collect, analyse and organise information from a number of sources to provide information, advice and tools or resources for improvement opportunities to stakeholders and key personnel</p>

	2.3. Alternative solutions to work site environmental issues are evaluated.	Evaluating alternative solutions: Q1 Q2 Q3 Greening Your Supply Chain: Q1 Q2 Q3 Reducing Waste on the Work-site: Q1 Q2 Q3 Q4 Q5 Q6 Workplace Task: identify possible areas for improved practices and resource efficiency for stakeholders
	2.4. Efficiency targets are set.	Workplace Task: devising strategies to improve environmental and resource efficiency issues
3. Implement performance improvement strategies.	3.1. Techniques and tools are sourced to assist in achieving targets.	Greening Your Supply Chain: Q1 Q2 Q3 Workplace Task: devising strategies to improve environmental and resource efficiency issues
	3.2. Continuous improvement strategies are applied to work site, including ideas and possible solutions to communicate to stakeholders, key personnel and specialists.	Greening Your Supply Chain: Q1 Q2 Q3 Teamwork and strategies for improvement: Q1 Q2 Q3 Workplace Task: devising strategies to improve environmental and resource efficiency issues
	3.3. Environmental and resource efficiency improvement plans for work site and clients are integrated with other operational activities and implemented.	Greening Your Supply Chain: Q1 Q2 Q3 Workplace Task: devising strategies to improve environmental and resource efficiency issues
	3.4. Suggestions and ideas about environmental and resource efficiency management are sought from stakeholders, key personnel and specialists and shared with them to act on as appropriate.	Identifying Resource Use: Q1 Q2 Q3 Q4 Q5 Q7 Greening Your Supply Chain: Q1 Q2 Q3 Teamwork and strategies for improvement: Q1 Q2 Q3 Reducing Waste on the Work-site: Q1 Q2 Q3 Q4 Q5 Q6 Workplace Task: identify possible areas for improved practices and resource efficiency for stakeholders
	3.5. Costing strategies are implemented to fully value environmental assets and are shared with stakeholders, key personnel and specialists as necessary.	Electricity Audit Scenario: Q1 Q2 Q3 Water Usage Audit: Q1 Q2 Q3 Q4 Q5 Q6 Q7 Q8 Q9 Workplace Task: devising strategies to improve environmental and resource efficiency issues
4. Monitor performance.	4.1. Outcomes are documented and reports on targets are communicated to key personnel and stakeholders.	Communicating your sustainability outcomes: Q1 Q2 Workplace Task: communicate benefits of changing practices to work team and customers
	4.2. Strategies are evaluated.	Evaluating Your Sustainability Strategies: Q1 Q2

	<i>4.3. New targets are set and new tools and strategies investigated and applied.</i>	<i>Evaluating Your Sustainability Strategies: Q2 Workplace Task: reporting as required ensuring appropriate action is taken within work site in relation to environmental and sustainability compliance and potential hazards</i>
	<i>4.4. Successful strategies are promoted and, where possible, participants rewarded.</i>	<i>Rewarding Sustainability Success: Q1 Workplace Task: communicate benefits of changing practices to work team and customers</i>

REQUIRED SKILLS

Required Skill	Task / Question Map
Required skills for this unit are:	
<i>ability to source/identify the latest industry environmental sustainability concepts and technologies</i>	<i>Introduction to Sustainability: Q1 Q2 Q3</i> <i>Sustainability in the Building Industry: Q1 Q2 Q3 Q4 Q5 Q6 Q7</i> <i>Work policies and procedures & the Environment: Q1 Q2 Q3 Q4 Q5 Q6 Q7</i> <i>Embodied Energy in the Built Environment: Q1 Q2 Q3</i> <i>Analysing Current Purchasing Strategies: Q1 Q2 Q3 Q4</i> <i>Evaluating alternative solutions: Q1 Q2 Q3</i> <i>Greening Your Supply Chain: Q1 Q2 Q3</i> <i>Reducing Waste on the Work-site: Q1 Q2 Q3 Q4 Q5 Q6</i> <i>Evaluating Your Sustainability Strategies: Q1 Q2</i> <i>Workplace Task: access, collect, analyse and organise information from a number of sources to provide information, advice and tools or resources for improvement opportunities to stakeholders and key personnel</i>
<i>applying learning to future opportunities</i>	<i>Greening Your Supply Chain: Q3</i> <i>Evaluating Your Sustainability Strategies: Q1 Q2</i> <i>Workplace Task: identify possible areas for improved practices and resource efficiency for stakeholders</i>
<i>change management skills</i>	<i>Greening Your Supply Chain: Q1 Q2 Q3</i> <i>Teamwork and strategies for improvement: Q1 Q2 Q3</i> <i>Evaluating Your Sustainability Strategies: Q1 Q2</i> <i>Workplace Task: communicate benefits of changing practices to work team and customers</i>
communication skills to:	
<i>answer questions</i>	<i>Workplace Task: reporting as required ensuring appropriate action is taken within work site in relation to environmental and sustainability compliance and potential hazards</i>
<i>clarify and acknowledge suggestions relating to work requirements and environmental efficiency with stakeholders</i>	<i>Workplace Task: communicate benefits of changing practices to work team and customers</i>

<p><i>enable clear and direct communication, using questioning to identify and confirm requirements, share information, listen and understand</i></p>	<p><i>Workplace Task: identify possible areas for improved practices and resource efficiency for stakeholders</i></p>
<p>read and interpret:</p>	
<p><i>documentation</i></p>	<p><i>Practical: Measuring Current Sustainability Practices: Q1 Q2</i> <i>Project - Site Sustainability Audit: Q1 Q2</i> <i>Workplace Task: reporting as required ensuring appropriate action is taken within work site in relation to environmental and sustainability compliance and potential hazards</i></p>
<p><i>environmental and resource efficiency requirements</i></p>	<p><i>Project - Site Sustainability Audit: Q1 Q2</i> <i>Workplace Task: identify possible areas for improved practices and resource efficiency for stakeholders</i></p>
<p><i>support information flow between various internal and external stakeholders to resolve and report on environmental and resource efficiency issues</i></p>	<p><i>Reporting workplace environmental hazards: Q1 Q2 Q3 Q4 Q5</i> <i>Communicating your sustainability outcomes: Q1 Q2</i> <i>Workplace Task: identify possible areas for improved practices and resource efficiency for stakeholders</i></p>
<p><i>use and interpret non-verbal communication</i></p>	<p><i>Work policies and procedures & the Environment: Q1 Q2 Q3 Q4 Q5 Q6 Q7</i> <i>Electricity Audit Scenario: Q1 Q2 Q3</i> <i>Analysing Current Purchasing Strategies: Q4</i> <i>Analyse Current Processes and Products: Q1 Q2</i> <i>Practical: Measuring Current Sustainability Practices: Q1 Q2</i> <i>Project - Site Sustainability Audit: Q1 Q2</i> <i>Greening Your Supply Chain: Q1 Q2 Q3</i> <i>Evaluating Your Sustainability Strategies: Q1</i> <i>Workplace Task: communicate benefits of changing practices to work team and customers</i></p>
<p><i>use language and concepts appropriate to cultural differences</i></p>	<p><i>Workplace Task: communicate benefits of changing practices to work team and customers</i></p>

<p><i>creating tools to measure and monitor improvements and report on outcomes to stakeholders</i></p>	<p><i>Electricity Audit Scenario: Q1 Q2 Q3</i> <i>Water Usage Audit: Q1 Q2 Q3 Q4 Q5 Q6 Q7 Q8 Q9</i> <i>Practical: Measuring Current Sustainability Practices: Q1 Q2</i> <i>Project - Site Sustainability Audit: Q1 Q2</i> <i>Greening Your Supply Chain: Q1 Q2 Q3</i> <i>Workplace Task: reporting as required ensuring appropriate action is taken within work site in relation to environmental and sustainability compliance and potential hazards</i></p>
<p><i>innovation skills to identify improvements, apply knowledge about resource use to organisational activities and customer service, and develop resource efficiency tools</i></p>	<p><i>Analyse Current Processes and Products: Q1 Q2</i> <i>Practical: Measuring Current Sustainability Practices: Q1 Q2</i> <i>Reducing Waste on the Work-site: Q1 Q2 Q3 Q4 Q5 Q6</i> <i>Workplace Task: identify possible areas for improved practices and resource efficiency for stakeholders</i></p>
<p><i>numeracy skills to analyse data on company and stakeholder resource consumption and waste product volumes</i></p>	<p><i>Water Usage Audit: Q1 Q2 Q3 Q4 Q5 Q6 Q7 Q8 Q9</i> <i>Practical: Measuring Current Sustainability Practices: Q1 Q2</i> <i>Project - Site Sustainability Audit: Q1 Q2</i> <i>Reducing Waste on the Work-site: Q2</i></p>
<p>problem solving skills to recognise and analyse problems, including:</p>	
<p><i>devising approaches</i></p>	<p><i>Analyse Current Processes and Products: Q1 Q2</i> <i>Greening Your Supply Chain: Q1 Q2 Q3</i> <i>Evaluating Your Sustainability Strategies: Q2</i> <i>Workplace Task: identify possible areas for improved practices and resource efficiency for stakeholders</i></p>
<p><i>implementing and reflecting on environmental and water, energy or resource efficiency management policies and procedures relevant to work site to improve environmental sustainability</i></p>	<p><i>Work policies and procedures & the Environment: Q1 Q2 Q3 Q4 Q5 Q6 Q7</i> <i>Identifying Resource Use: Q1 Q2 Q3 Q4 Q5 Q7</i> <i>Water Usage Audit: Q1 Q2 Q3 Q4 Q5 Q6 Q7 Q8 Q9</i> <i>Project - Site Sustainability Audit: Q1 Q2</i> <i>Reducing Waste on the Work-site: Q1 Q2 Q3 Q4 Q5 Q6</i> <i>Evaluating Your Sustainability Strategies: Q1 Q2</i></p>
<p><i>share alternative approaches as required</i></p>	<p><i>Evaluating alternative solutions: Q1 Q2 Q3</i> <i>Teamwork and strategies for improvement: Q1 Q2 Q3</i> <i>Workplace Task: reporting as required ensuring appropriate action is taken within work site in relation to environmental and sustainability compliance and potential hazards</i></p>

<p><i>skills to relate to different genders and people from a range of social, cultural and ethnic backgrounds and with a range of physical and mental abilities</i></p>	<p><i>Teamwork and strategies for improvement: Q1 Q2 Q3</i></p>
<p><i>technology skills, including the ability to:</i></p>	
<p><i>operate and shut down equipment</i></p>	<p><i>Evaluating alternative solutions: Q1 Q2 Q3</i></p>
<p><i>where relevant, use software systems for recording and filing documentation for measurement and improvement of resource usage and consumption.</i></p>	

REQUIRED KNOWLEDGE

Required Knowledge	Task / Question Map
Required knowledge for this unit is:	
<i>how tradespersons can contribute to environmental sustainability</i>	<i>Sustainability in the Building Industry: Q1 Q2 Q3 Q4 Q5 Q6 Q7</i> <i>Work policies and procedures & the Environment: Q1 Q2 Q3 Q4 Q5 Q6 Q7</i> <i>Identifying Resource Use: Q1 Q2 Q3 Q4 Q5 Q7</i> <i>Project - Site Sustainability Audit: Q1 Q2</i> <i>Greening Your Supply Chain: Q1 Q2 Q3</i>
knowledge of compliance requirements for all relevant environmental and sustainability legislation, regulations and codes of practice including resource hazards and risks associated with work site:	
<i>supervision</i>	<i>Rewarding Sustainability Success: Q1</i>
<i>job specifications</i>	<i>Evaluating alternative solutions: Q1 Q2 Q3</i>
<i>strategies and procedures to maximise opportunities and minimise impacts relevant to stakeholders and personal area of responsibility</i>	<i>Analyse Current Processes and Products: Q1 Q2</i> <i>Teamwork and strategies for improvement: Q1 Q2 Q3</i> <i>Evaluating Your Sustainability Strategies: Q1 Q2</i>
<i>relevant knowledge of environmental, resource and energy/water efficiency issues, systems and procedures specific to industry practice</i>	<i>Introduction to Sustainability: Q1 Q2 Q3</i> <i>Sustainability in the Building Industry: Q1 Q2 Q3 Q4 Q5 Q6 Q7</i> <i>Identifying Resource Use: Q1 Q2 Q3 Q4 Q5 Q7</i> <i>Reporting workplace environmental hazards: Q1 Q2 Q3 Q4 Q5</i> <i>Embodied Energy in the Built Environment: Q1 Q2 Q3</i> <i>Practical: Measuring Current Sustainability Practices: Q1 Q2</i> <i>Project - Site Sustainability Audit: Q1 Q2</i> <i>Greening Your Supply Chain: Q1 Q2 Q3</i> <i>Reducing Waste on the Work-site: Q1 Q2 Q3 Q4 Q5 Q6</i>

<i>knowledge of best practice approaches and quality assurance systems relevant to area of responsibility and industry</i>	<i>Embodied Energy in the Built Environment: Q1 Q2 Q3 Analysing Current Purchasing Strategies: Q1 Q2 Q3 Q4 Practical: Measuring Current Sustainability Practices: Q1 Q2 Project - Site Sustainability Audit: Q1 Q2 Greening Your Supply Chain: Q1 Q2 Q3</i>
<i>ability to identify and advise on water/energy efficiency opportunities for stakeholders and key personnel</i>	<i>Electricity Audit Scenario: Q1 Q2 Q3 Embodied Energy in the Built Environment: Q1 Q2 Q3 Greening Your Supply Chain: Q1 Q2 Q3 Evaluating Your Sustainability Strategies: Q1 Q2 Communicating your sustainability outcomes: Q1 Q2</i>
<i>supply chain procedures</i>	<i>Analysing Current Purchasing Strategies: Q1 Q2 Q3 Q4 Evaluating alternative solutions: Q1 Q2 Q3 Greening Your Supply Chain: Q1 Q2 Q3 Reducing Waste on the Work-site: Q1 Q2 Q3 Q4 Q5 Q6</i>
<i>OHS issues and requirements</i>	
<i>organisational structure and reporting channels and procedures</i>	<i>Environmental protection: Q1 Q2 Q3 Q4 Q5 Q6 Q7 Reporting workplace environmental hazards: Q1 Q2 Q3 Q4 Q5 Practical: Measuring Current Sustainability Practices: Q1 Q2</i>
<i>terms and conditions of employment, including policies and procedures, such as:</i>	
<i>daily tasks</i>	<i>Project - Site Sustainability Audit: Q1 Q2</i>
<i>equal opportunity</i>	
<i>work area responsibilities</i>	<i>Reporting workplace environmental hazards: Q1 Q2 Q3 Q4 Q5 Teamwork and strategies for improvement: Q1 Q2 Q3</i>
<i>worker, supervisor and employer rights.</i>	

CRITICAL ASPECTS

Critical Aspects	Task / Question Map
A person who demonstrates competency in this unit must be able to provide evidence of the ability to: implement and monitor integrated environmental and resource efficiency management policies and procedures within a work site, including:	
<i>access, collect, analyse and organise information from a number of sources to provide information, advice and tools or resources for improvement opportunities to stakeholders and key personnel</i>	<i>Sustainability in the Building Industry: Q1 Q2 Q3 Q4 Q5 Q6 Q7</i> <i>Identifying Resource Use: Q1 Q2 Q3 Q4 Q5 Q7</i> <i>Electricity Audit Scenario: Q1 Q2 Q3</i> <i>Own workplace audit - air-conditioning: Q1 Q2</i> <i>Analyse Current Processes and Products: Q1 Q2</i> <i>Practical: Measuring Current Sustainability Practices: Q1 Q2</i> <i>Evaluating alternative solutions: Q1 Q2 Q3</i> <i>Teamwork and strategies for improvement: Q1 Q2 Q3</i>
<i>identify possible areas for improved practices and resource efficiency for stakeholders</i>	<i>Identifying Resource Use: Q1 Q2 Q3 Q4 Q5 Q7</i> <i>Electricity Audit Scenario: Q3</i> <i>Project - Site Sustainability Audit: Q1 Q2</i> <i>Greening Your Supply Chain: Q1 Q2 Q3</i> <i>Teamwork and strategies for improvement: Q1 Q2 Q3</i> <i>Reducing Waste on the Work-site: Q1 Q2 Q3 Q4 Q5 Q6</i> <i>Evaluating Your Sustainability Strategies: Q1 Q2</i>
<i>communicate benefits of changing practices to work team and customers</i>	<i>Teamwork and strategies for improvement: Q1 Q2 Q3</i> <i>Rewarding Sustainability Success: Q1</i> <i>Communicating your sustainability outcomes: Q1 Q2</i>
implement new approaches and improvement plans, including planning and organising activities for staff and stakeholders in relation to:	

measurement of current use	<p>Electricity Audit Scenario: Q1 Q2 Q3</p> <p>Own workplace audit - air-conditioning: Q1 Q2</p> <p>Practical: Measuring Current Sustainability Practices: Q1 Q2</p> <p>Project - Site Sustainability Audit: Q1 Q2</p>
devising strategies to improve environmental and resource efficiency issues	<p>Own workplace audit - air-conditioning: Q2</p> <p>Analyse Current Processes and Products: Q1 Q2</p> <p>Greening Your Supply Chain: Q1 Q2 Q3</p> <p>Evaluating Your Sustainability Strategies: Q2</p>
reporting as required ensuring appropriate action is taken within work site in relation to environmental and sustainability compliance and potential hazards	<p>Environmental protection: Q1 Q2 Q3 Q4 Q5 Q6 Q7</p> <p>Reporting workplace environmental hazards: Q1 Q2 Q3 Q4 Q5</p> <p>Project - Site Sustainability Audit: Q1 Q2</p>
monitor and evaluate improvement plans and efficiency targets, using evaluation and monitoring tools and technology to potentially revise and adjust approaches and strategies to ensure continuous improvement.	<p>Greening Your Supply Chain: Q1 Q2 Q3</p> <p>Evaluating Your Sustainability Strategies: Q1 Q2</p>
<p>Evidence that could be used, reflecting the requirements of the unit of competency and work being performed as evidence, include: reports of activities of work group in relation to:</p>	
measurement of resources and efficiency	<p>Identifying Resource Use: Q1 Q2 Q3 Q4 Q5 Q7</p> <p>Electricity Audit Scenario: Q1 Q2 Q3</p> <p>Own workplace audit - air-conditioning: Q1 Q2</p> <p>Practical: Measuring Current Sustainability Practices: Q1 Q2</p> <p>Project - Site Sustainability Audit: Q1 Q2</p>
development of improvement strategies	<p>Electricity Audit Scenario: Q3</p> <p>Project - Site Sustainability Audit: Q1 Q2</p> <p>Greening Your Supply Chain: Q1 Q2 Q3</p> <p>Evaluating Your Sustainability Strategies: Q2</p>
work plans outlining approaches to improved practices, with documented benchmarks	<p>Project - Site Sustainability Audit: Q1 Q2</p> <p>Evaluating Your Sustainability Strategies: Q1 Q2</p>
invoices from stakeholders specifying materials recommended for improved efficiency and those actually used	

<i>quotes and tenders</i>	
<i>lists of environmental hazards, risks and inefficiencies, and opportunities for improvements identified in the work site</i>	<i>Reporting workplace environmental hazards: Q1 Q2 Q3 Q4 Q5</i> <i>Project - Site Sustainability Audit: Q1 Q2</i>
<i>work samples, tools, techniques or simulated activities and the outcomes.</i>	<i>Reporting workplace environmental hazards: Q1 Q2 Q3 Q4 Q5</i> <i>Practical: Measuring Current Sustainability Practices: Q1 Q2</i> <i>Project - Site Sustainability Audit: Q1 Q2</i>
Processes may include:	
<i>relevant authenticated correspondence</i>	
<i>way in which advice is sought and suggestions made about improvements from stakeholders and key personnel</i>	<i>Reporting workplace environmental hazards: Q1 Q2 Q3 Q4 Q5</i> <i>Analyse Current Processes and Products: Q1 Q2</i> <i>Practical: Measuring Current Sustainability Practices: Q1 Q2</i> <i>Evaluating alternative solutions: Q1 Q2 Q3</i> <i>Teamwork and strategies for improvement: Q1 Q2 Q3</i>
evidence of implementation of programs, such as:	
<i>green building program</i>	<i>Communicating your sustainability outcomes: Q1 Q2</i>
<i>supply chain program for purchasing sustainable products</i>	<i>Evaluating alternative solutions: Q1 Q2 Q3</i> <i>Greening Your Supply Chain: Q1 Q2 Q3</i>
<i>environmental site management framework or product recommendations</i>	<i>Work policies and procedures & the Environment: Q1 Q2 Q3 Q4 Q5 Q6 Q7</i> <i>Environmental protection: Q1 Q2 Q3 Q4 Q5 Q6 Q7</i> <i>Practical: Measuring Current Sustainability Practices: Q1 Q2</i> <i>Project - Site Sustainability Audit: Q1 Q2</i> <i>Evaluating alternative solutions: Q1 Q2 Q3</i> <i>Greening Your Supply Chain: Q1 Q2 Q3</i>
<i>notes on understanding external benchmarks and support for particular benchmarks to be used, with expected outcomes and including approaches to recommend products and practices to stakeholders for improving their resource use.</i>	<i>Analysing Current Purchasing Strategies: Q1 Q2 Q3 Q4</i> <i>Evaluating alternative solutions: Q1 Q2 Q3</i>
Resource implications for assessment must include: observation by the assessor over a period of time and in a range of situations and/or evidence provided to the assessor in written or verbal form, including:	

<i>implementing tools and techniques</i>	<i>Practical: Measuring Current Sustainability Practices: Q1 Q2</i> <i>Project - Site Sustainability Audit: Q1 Q2</i> <i>Greening Your Supply Chain: Q3</i> <i>Evaluating Your Sustainability Strategies: Q1 Q2</i>
<i>review of work site and stakeholders/key personnel to assess and measure resource use, hazards and compliance</i>	<i>Practical: Measuring Current Sustainability Practices: Q1 Q2</i> <i>Project - Site Sustainability Audit: Q1 Q2</i>
<i>application of learning to future activities</i>	<i>Greening Your Supply Chain: Q3</i> <i>Evaluating Your Sustainability Strategies: Q2</i>
<i>recommended products and practices to stakeholders</i>	<i>Evaluating alternative solutions: Q1 Q2 Q3</i> <i>Greening Your Supply Chain: Q3</i> <i>Communicating your sustainability outcomes: Q1 Q2</i>
access to a range of information and resources for assessment as listed in the range statement, such as:	
<i>environmental and sustainability legislation</i>	<i>Environmental legislation: Q1 Q2 Q3 Q4</i> <i>Environmental protection: Q1 Q2 Q3 Q4 Q5 Q6 Q7</i>
<i>compliance documentation</i>	
<i>organisational and procedural requirements or organisation plans</i>	<i>Work policies and procedures & the Environment: Q1 Q2 Q3 Q4 Q5 Q6 Q7</i> <i>Practical: Measuring Current Sustainability Practices: Q1 Q2</i>
<i>work supervision and work site documentation, including personnel and responsibilities</i>	<i>Reporting workplace environmental hazards: Q1 Q2 Q3 Q4 Q5</i> <i>Practical: Measuring Current Sustainability Practices: Q1 Q2</i> <i>Project - Site Sustainability Audit: Q1 Q2</i>
<i>quotes, tenders, invoices.</i>	<i>Analyse Current Processes and Products: Q1 Q2</i>

RANGE STATEMENTS

Range Statements	Task / Question Map	
<i>Compliance includes:</i>	<i>meeting relevant Acts, laws, by-laws and regulations, codes of practice or best practice to support compliance in environmental performance and sustainability at each level as required (such as Environmental Protection, Biodiversity Conservation Act and Building Code of Australia)</i>	<i>Environmental legislation: Q4 Environmental protection: Q7 Reporting workplace environmental hazards: Q5 Energy Efficiency and the Building Code of Australia: Q5</i>
	<i>levels include:</i>	
	<i>federal</i>	
	<i>industry</i>	<i>Environmental legislation: Q4</i>
	<i>international</i>	
	<i>local government</i>	
	<i>organisation</i>	<i>Environmental legislation: Q4</i>
	<i>reporting breaches</i>	<i>Environmental legislation: Q4</i>
	<i>state and territory.</i>	<i>Environmental legislation: Q4</i>
<i>Environmental and resource efficiency includes:</i>	<i>approaches of industry associations, such as:</i>	
	<i>Australian Building Greenhouse Rating</i>	
	<i>green plumbers</i>	
	<i>green purchasing</i>	<i>Analysing Current Purchasing Strategies: Q4 Evaluating alternative solutions: Q3 Greening Your Supply Chain: Q3</i>
	<i>Housing Industry Association (HIA) GreenSmart</i>	<i>Reducing Waste on the Work-site: Q6 Communicating your sustainability outcomes: Q2</i>
	<i>ISO 14001 Environmental Management Systems</i>	<i>Evaluating alternative solutions: Q3</i>
	<i>lifecycle thinking</i>	

	<i>Master Builders Association of Victoria Green Living, Leadership in Energy and Environmental Design (LEED), or Green Building Council of Australia (GBCA) Green Star environmental rating system</i>	<i>Communicating your sustainability outcomes: Q2</i>
	<i>National Australian Building Environmental Rating Scheme (NABERS)</i>	
	<i>product stewardship</i>	
	<i>supply chain management</i>	<i>Analysing Current Purchasing Strategies: Q4 Evaluating alternative solutions: Q3 Greening Your Supply Chain: Q3</i>
	<i>Victoria Stormwater Management Guidelines of the Environment Protection Authority (EPA)</i>	
	<i>implementing and using alternative practices, procedures or materials to reduce or eliminate resource consumption on work site</i>	<i>Evaluating alternative solutions: Q3 Greening Your Supply Chain: Q3 Reducing Waste on the Work-site: Q6</i>
<i>recommendations to stakeholders, including:</i>		
	<i>addressing environmental and resource sustainability initiatives, such as an environmental framework, action plan, recommendations, surveys and audits with stakeholders and key personnel</i>	<i>Practical: Measuring Current Sustainability Practices: Q2 Evaluating alternative solutions: Q3 Greening Your Supply Chain: Q3 Communicating your sustainability outcomes: Q2</i>
	<i>efficient water use (e.g. rainwater tanks, grey water sprinkler systems or timers)</i>	<i>Practical: Measuring Current Sustainability Practices: Q2</i>
	<i>energy use (e.g. equipment/appliances installed; equipment, appliance and tool maintenance; transporting materials; heating and cooling; and building efficiency)</i>	<i>Electricity Audit Scenario: Q3 Practical: Measuring Current Sustainability Practices: Q2</i>
	<i>environmental site management</i>	<i>Practical: Measuring Current Sustainability Practices: Q2 Project - Site Sustainability Audit: Q2</i>

	<i>evaluating and implementing most appropriate waste treatment, including waste to landfill, recycling, re-use, recoverable resources and wastewater treatment through site management</i>	<i>Reducing Waste on the Work-site: Q6</i>
	<i>improving resource, energy and water efficiency</i>	<i>Electricity Audit Scenario: Q3 Greening Your Supply Chain: Q3</i>
	<i>including environmental performance in tender and quote specifications</i>	
	<i>initiating and maintaining appropriate work site procedures for operational energy consumption, including stationary and non-stationary (transport) energy</i>	<i>Project - Site Sustainability Audit: Q2</i>
	<i>preventing and minimising risks and maximising opportunities on work site and for stakeholders</i>	
	<i>reducing emissions of greenhouse gases</i>	
	<i>reducing material usage</i>	<i>Reducing Waste on the Work-site: Q6</i>
	<i>reducing stormwater pollution</i>	
	<i>reducing use of non-renewable resources</i>	
	<i>types of products and materials used</i>	<i>Identifying Resource Use: Q5 Analysing Current Purchasing Strategies: Q4 Evaluating alternative solutions: Q3 Greening Your Supply Chain: Q3</i>
	reference to standards, guidelines, industry association standards, codes of practice and best practice approaches such as:	
	<i>federal government standards, including five-star rating for all new homes.</i>	

Stakeholders, key personnel and specialists (individuals and groups) both within and external to the organisation who have direct or indirect interest in the organisation's conduct, actions, products and services, include:	clients	Communicating your sustainability outcomes: Q2
	employees at all levels of the organisation	Teamwork and strategies for improvement: Q3 Rewarding Sustainability Success: Q1
	government	
	investors	
	key personnel within the organisation	
	local community	
	specialists outside the organisation who may have particular technical expertise	Evaluating alternative solutions: Q3
	suppliers	Evaluating alternative solutions: Q3
	other organisations.	Analysing Current Purchasing Strategies: Q4 Evaluating alternative solutions: Q3 Communicating your sustainability outcomes: Q2
Purchasing strategies include:	influencing stakeholders to take up environmental sustainability approaches and products	
	researching and participating in programs, such as a supply chain program to purchase sustainable products (such as radial timber, sustainable timber, and low flow fittings and appliances).	Analysing Current Purchasing Strategies: Q4 Evaluating alternative solutions: Q3 Greening Your Supply Chain: Q3
Techniques and tools include:	accessing the skills of others as appropriate to the specific industry context	
	environmental site management plans	Practical: Measuring Current Sustainability Practices: Q2
	examination of invoices from suppliers	

	<i>examination of relevant information and data</i>	<i>Analysing Current Purchasing Strategies: Q4 Practical: Measuring Current Sustainability Practices: Q2 Project - Site Sustainability Audit: Q2 Evaluating alternative solutions: Q3</i>
	<i>integration of environmental and sustainability specifications in quotes and tenders</i>	
	<i>measurements made under different conditions</i>	<i>Practical: Measuring Current Sustainability Practices: Q2 Project - Site Sustainability Audit: Q2</i>
	<i>recommendation of sustainable products and practices to stakeholders.</i>	<i>Evaluating alternative solutions: Q3 Communicating your sustainability outcomes: Q2</i>
<i>Suggestions include:</i>	<i>eliminating the use of hazardous and toxic materials</i>	
	<i>expressing green purchasing power through using and recommending a selection of suppliers with improved environmental performance (e.g. green power, lifecycle thinking, product stewardship, energy or water efficiency)</i>	<i>Evaluating alternative solutions: Q3 Greening Your Supply Chain: Q3</i>
	<i>ideas that help to improve energy and water efficiency</i>	
	<i>making more efficient use of resources, materials, energy and water</i>	
	<i>maximising opportunities to use renewable, recyclable, reusable and recoverable resources (energy, water, materials, products and waste)</i>	<i>Reducing Waste on the Work-site: Q6</i>
	<i>preventing and minimising risks and maximising opportunities, such as use of renewable energy such as solar or grey water, and other alternative forms of water, energy and resources</i>	

	<i>recommending and using alternative sustainable products, materials, procedures, practices and installation techniques</i>	
	<i>reducing emissions of greenhouse gases by reducing waste and transport</i>	
	<i>reducing the consumption of non-renewable resources, such as water, fuel, and materials</i>	
	<i>seeking alternative sources of water and energy or encouraging conservation.</i>	