

<b>TSC Category</b>	Engineering Construction, Operations and Maintenance					
<b>TSC</b>	Test Planning					
<b>TSC Description</b>	Develop testing plans and procedures by determining scope and risks, identifying the objects of testing, selecting test methods and tools, and controlling test implementation					
<b>TSC Proficiency Description</b>	<b>Level 1</b>	<b>Level 2</b>	<b>Level 3</b>	<b>Level 4</b>	<b>Level 5</b>	<b>Level 6</b>
				<b>EGS-MAI-4012-1.1-1</b>	<b>EGS-MAI-5012-1.1-1</b>	
				Formulate procedures and parameters for the testing of equipment, components and systems	Establish testing objectives and plans based on equipment, components and systems requirements	
<b>Knowledge</b>				<ul style="list-style-type: none"> <li>International standards, codes, legislation pertaining to equipment testing</li> <li>Equipment and systems testing and validation processes</li> <li>Methods of deploying testing procedures according to overall testing plans</li> <li>Limitations of equipment</li> <li>Testing documentation, reporting and close out requirements</li> </ul>	<ul style="list-style-type: none"> <li>Methods of developing testing plans and objectives</li> <li>Health, Safety and Environment (HSE) requirements related to testing of equipment and systems</li> <li>Business risks of obsolete equipment and systems</li> <li>Emerging trends and industry developments in testing</li> <li>Resource requirements for equipment and systems testing</li> </ul>	
<b>Abilities</b>				<ul style="list-style-type: none"> <li>Develop testing procedures based on established plans and product specification requirements</li> <li>Define testing boundaries and parameters for equipment and systems</li> <li>Develop challenge test protocols</li> <li>Prioritise work to maximise efficiency and effectiveness of testing</li> <li>Determine equipment, tools and personal</li> </ul>	<ul style="list-style-type: none"> <li>Articulate objectives of testing procedures</li> <li>Develop testing plans based on organisation wide strategies and objectives</li> <li>Synthesise emerging industry trends, techniques and developments in testing</li> <li>Develop test plans for assessing need and optimal timelines for equipment and system upgrades</li> </ul>	

				protective equipment to be used for testing <ul style="list-style-type: none"> <li>• Oversee final review of testing to ensure compliance with all requirements and specifications</li> <li>• Verify the functions and capabilities of equipment and systems</li> <li>• Direct responses to failures of challenge tests</li> </ul>	<ul style="list-style-type: none"> <li>• Integrate relevant HSE practices and procedures into the design of testing plans</li> <li>• Ensure equipment and systems are tested within an acceptable timeframe</li> <li>• Liaise with stakeholders to communicate and resolve issues</li> </ul>	
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