

<b>TSC Category</b>	Health, Safety and Environment (HSE) Management					
<b>TSC</b>	Environmental Management System Framework Development and Implementation					
<b>TSC Description</b>	Develop Environmental Management System (EMS) frameworks and implement procedures and practices to ensure compliance with legal and organisational requirements as well as commitment to environment protection					
<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-WSH-1017-1.1-1</b>	<b>EGS-WSH-2017-1.1</b>	<b>EGS-WSH-3017-1.1</b>	<b>EGS-WSH-4017-1.1</b>	<b>EGS-WSH-5017-1.1</b>	<b>EGS-WSH-6017-1.1</b>
	Identify Environmental Management System (EMS) policies, procedures and practices in the planning, preparation and execution of work activities	Apply Environmental Management System (EMS) procedures and practices in the planning, preparation and execution of work activities	Interpret Environmental Management System (EMS) policies, standards, procedures and practices in the workplace to ensure compliance with EMS	Facilitate the development and implementation of Environmental Management System (EMS) frameworks and procedures to ensure compliance with legal and organisational requirements and for commitment to environmental protection	Review Environmental Management System (EMS) policies, standards, procedures and practices to ensure effective implementation and continuous improvement of EMS	Set direction of Environmental Management System (EMS) framework and system to meet the organisation's health safety and environmental objectives
<b>Knowledge</b>	<ul style="list-style-type: none"> <li>EMS policies, procedures and practices</li> <li>Principles of environmental aspects and impacts</li> <li>Environmental related procedures and practices</li> <li>Roles and responsibilities as defined in the organisation's EMS</li> <li>EMS related document storage and access</li> </ul>	<ul style="list-style-type: none"> <li>EMS policies, procedures and practices</li> <li>Types of environmental aspects and impacts</li> <li>Environmental hazard related signs and symbols</li> <li>Operational control procedures for environmental related aspects</li> <li>Methods for maintaining an environmentally safe and compliant workplace</li> <li>EMS roles and responsibilities</li> </ul>	<ul style="list-style-type: none"> <li>EMS policies, procedures and practices</li> <li>Environmental related legal and other requirements</li> <li>EMS system requirements</li> <li>EMS duties and responsibilities</li> <li>Overview of the EMS framework and system requirements</li> <li>Environmental objectives and targets</li> <li>Operational control procedures for environmental aspects</li> <li>Emergency response procedures due to environmental incidents and accidents</li> <li>Methods of coordinating contractors and their adherence to EMS in the workplace</li> </ul>	<ul style="list-style-type: none"> <li>EMS policies, procedures and practices</li> <li>EMS related legal and other requirements</li> <li>Types of EMS and system requirements</li> <li>EMS related industry best practices and international practices</li> <li>EMS committee roles and responsibilities</li> <li>EMS framework, objectives and targets</li> <li>EMS implementation and operational control methods and procedures</li> <li>Emergency Response Plan (ERP) for environmental related incidents</li> <li>Methods for EMS Communication</li> <li>Types of EMS awareness training</li> <li>Documentation control for EMS</li> </ul>	<ul style="list-style-type: none"> <li>EMS related legal and other requirements</li> <li>Types of EMS and system requirements</li> <li>EMS related industry best practices and international practices</li> <li>Techniques to review EMS legal compliance</li> <li>Methods of EMS audit and management review</li> <li>Lagging and leading indicators for EMS implementation</li> <li>Types of preventive measures and continual improvement measures</li> </ul>	<ul style="list-style-type: none"> <li>Corporate and legal EMS responsibilities and accountabilities</li> <li>EMS implementation methods and processes</li> <li>Methods of developing and maintaining a proactive EMS organisational culture</li> <li>EMS improvement methods in the workplace and within the workforce</li> </ul>
<b>Abilities</b>	<ul style="list-style-type: none"> <li>Comply with EMS practices</li> </ul>	<ul style="list-style-type: none"> <li>Comply with EMS policies and procedures</li> </ul>	<ul style="list-style-type: none"> <li>Coordinate EMS and practices in the workplace</li> </ul>	<ul style="list-style-type: none"> <li>Develop and implement EMS frameworks and procedures</li> </ul>	<ul style="list-style-type: none"> <li>Manage and review EMS performances based on</li> </ul>	<ul style="list-style-type: none"> <li>Drive EMS strategic plans</li> </ul>

**SKILLS FRAMEWORK FOR ENGINEERING SERVICES  
TECHNICAL SKILLS & COMPETENCIES (TSC) REFERENCE**

	<ul style="list-style-type: none"> <li>Follow EMS related procedures when performing work activities</li> <li>Report EMS related non-conformance and incidents</li> <li>Access EMS documents, policies and procedures</li> </ul>	<ul style="list-style-type: none"> <li>Identify environmental aspects and impacts</li> <li>Monitor and implement environmental control measures</li> <li>Respond to resolving environmental workplace issues</li> <li>Maintain good housekeeping standards</li> <li>Ensure contractors comply with EMS policies and procedures</li> <li>Contribute to the continuous improvement of EMS</li> </ul>	<ul style="list-style-type: none"> <li>Supervise work areas of accountabilities to ensure compliance to EMS standards and procedures</li> <li>Conduct environmental aspect and impact analysis</li> <li>Ensure implementation of environmental related control measures</li> <li>Respond to environmental incidents and contribute to incident investigations</li> <li>Monitor contractors to ensure compliance with the organisation's EMS standards and practices by performing routine inspections and meetings</li> <li>Contribute to continual improvement of EMS activities in the workplace</li> </ul>	<ul style="list-style-type: none"> <li>Identify scope of EMS</li> <li>List roles, responsibilities and authorities of the organisation's EMS</li> <li>Identify and deploy resources required for development and implementation of EMS</li> <li>Manage the compliance with EMS policies and procedures</li> <li>Establish environmental objectives and targets</li> <li>Develop EMS related operational planning and control procedures</li> <li>Establish ERP to environmental incidents</li> <li>Conduct EMS related training and communication</li> <li>Establish documentation control system for EMS related documents and records</li> </ul>	<p>EMS objectives and targets</p> <ul style="list-style-type: none"> <li>Audit EMS systems in accordance with legal and system requirements</li> <li>Lead management reviews and audits for EMS</li> <li>Evaluate the effectiveness of the EMS framework and system procedures</li> <li>Recommend continuous improvement of EMS policies and procedures</li> <li>Communicate EMS performance across the organisation</li> <li>Oversee EMS improvement projects</li> </ul>	<ul style="list-style-type: none"> <li>Endorse EMS policies and frameworks</li> <li>Liaise with external governing bodies on standards and legal compliance issues</li> <li>Integrate EMS elements into the organisation's systems holistically</li> <li>Drive EMS audits</li> <li>Communicate EMS performance both internally and externally</li> <li>Drive EMS continuous improvement activities and projects</li> <li>Drive an effective and responsible EMS culture</li> </ul>
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