

**SKILLS FRAMEWORK FOR WORKPLACE SAFETY AND HEALTH
TECHNICAL SKILLS & COMPETENCIES (TSC) REFERENCE DOCUMENT**

TSC Category	Workplace Safety and Health Management					
TSC	Workplace Safety and Health Management in Marine Industry					
TSC Description	Manage operational issues associated with the controls and put in place appropriate risk control measures in the marine industry					
TSC Proficiency Description	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6
		WPH-WSH-2082-1.1	WPH-WSH-3082-1.1	WPH-WSH-4082-1.1	WPH-WSH-5082-1.1	
		Identify common safety and health hazards and support appropriate control measures in the worksite	Oversee or supervise works or processes in shipyard to carry out the works or processes safely and without any risks to health	Mitigate operational issues associated with the controls and support implementation of control measures in the marine industry	Handle the operational issues associated with the controls and management of risks in the marine industry	
Knowledge		<ul style="list-style-type: none"> Importance of Workplace Safety and Health (WSH) Consequences of unsafe work practices and workplace conditions Salient WSH legal and other requirements relevant to marine industry Overview of WSH management system WSH duties and responsibilities in the marine industry Safety and health planning and organisation Risk management process Typical marine activities Permit-to-work for high-risk marine works 	<ul style="list-style-type: none"> Importance of Workplace Safety and Health (WSH) Consequences of unsafe work practices and workplace conditions Salient WSH legal and other requirements relevant to marine industry WSH (Shipbuilding and Ship-Repairing) Regulations Overview of WSH management system WSH duties and responsibilities of supervisor in marine industry Shipyard general safety Vessel Safety Coordination Committee (VSCC) Risk management process Permit-to-work system for high risk works in marine industry Typical shipbuilding and ship repairing activities Typical WSH hazards including personal health issues in Marine industry WSH control measures Methods for hazard identification 	<ul style="list-style-type: none"> Key types of trades and working environment in the marine industry WSH legal and other requirements for the marine industry Types of WSH hazards including personal health issues and risks in the marine industry Control measures to address hazards and risks in the marine industry WSH training for marine industry Methods of monitoring the implementation of control measures Status report of an implementation plan 	<ul style="list-style-type: none"> Types of trades and working environment in the marine industry WSH legal and other requirements for the marine industry WSH hazards and risks including personal health issues in the marine industry Control measures for key trades in the marine industry Mandatory WSH training for marine industry Methods of monitoring the implementation of control measures Status report of an implementation plan 	

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			<ul style="list-style-type: none"> Organisational WSH inspections Incident Investigation and reporting 			
Abilities		<ul style="list-style-type: none"> Support in safe work practices and risk control procedures Participate in workplace safety and health management activities Support workplace emergency response procedures 	<ul style="list-style-type: none"> Explain and interpret salient WSH legislations and other requirements relevant to the marine industry Describe WSH duties and responsibilities of a supervisor in marine industry Conduct briefings on shipyard general safety and explain the Vessel Safety Coordination Committee (VSCC) and Permit-to-Work (PTW) procedure to shipyard workers and contractors Identify WSH hazards including personal health issues, evaluate and control risks in marine industry in accordance with risk management process Carry out WSH inspections in accordance with organisational inspection procedure Conduct incident investigations and prepare reports in accordance with legal and other organisational requirements 	<ul style="list-style-type: none"> Identify WSH hazards and assess the risks including personal health issues of key trades and daily work activities in the marine industry in accordance to organisational procedures and legal requirements Support development of control measures to address the WSH hazards and risks identified Carry out implementation plan in accordance to the organisational risk management plan Communicate WSH hazards and risks, proposed control measures and implementation plan to relevant stakeholders Implement control measures in daily work activities Assist in compilation of reports to management on status of implementation plan 	<ul style="list-style-type: none"> Identify WSH hazards and assess the risks including personal health issues of key trades and working environment in the marine industry Develop control measures to address the WSH hazards and risks associated to the marine industry Formulate implementation plan in accordance to the organisational risk management plan Communicate WSH hazards and risks, proposed control measures and implementation plan to relevant stakeholders Monitor implementation of the control measures in daily activities Report to management on status of implementation plan 	