

**SKILLS FRAMEWORK FOR SEA TRANSPORT
TECHNICAL SKILLS AND COMPETENCIES (TSC) REFERENCE DOCUMENT**

TSC Category	Workplace Safety and Health					
TSC	Maritime Emergency Response Management					
TSC Description	Manage emergency response plans for the range of contingencies affecting the maritime sector					
TSC Proficiency Description	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6
			STP-WSH-3091-1.1	STP-WSH-4091-1.1	STP-WSH-5091-1.1	
			Coordinate the implementation of health, safety, security, environment and quality (HSSEQ) Emergency Preparedness and Response Plans (EPRPs) for a range of contingencies	Review Emergency Preparedness and Response Plans (EPRPs) and collaborate with external entities from the port marine fire department, police coast guards, hospitals and other agencies	Establish organisational Emergency Preparedness and Response Plans (EPRPs) for a range of maritime contingencies	
Knowledge			<ul style="list-style-type: none"> Legal and other requirements related to maritime emergency preparedness and response Types of emergency situations Composition of emergency response teams Roles and responsibilities of response team members Types of organisational emergency response plans Internal and external emergency contact lists Training and rehearsals to prepare emergency response teams and shipboard personnel External assistance in planning and handling emergency situations 	<ul style="list-style-type: none"> Legal and other requirements related to maritime emergency preparedness and response Roles and responsibilities of the port marine fire department, police coast guards and other external agencies Types of emergencies which require notification to, and/or support from external agencies Internal protocols for notifying and engaging external agencies Advanced risk management strategies for commercial tanker operations Bunker risk management strategies 	<ul style="list-style-type: none"> Legal and other requirements related to maritime emergency preparedness Processes in conducting hazard and vulnerability assessments Types of emergency scenarios Formulation of EPRPs Composition and competencies of emergency response teams Roles and responsibilities of the emergency response teams Types of resources for emergency preparedness and response Types of emergency preparedness and response training 	

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			<ul style="list-style-type: none"> • Emergency response training and rehearsals processes • Conduct and documentation and review of drills • Types of emergency response equipment and their maintenance • International Maritime Organisation (IMO) oil spill response training 		<ul style="list-style-type: none"> • Scope of emergency preparedness and response inspections • Data sources to evaluate improvements for EPRPs • Types of emergency response procedures to be updated after review of EPRPs 	
Abilities			<ul style="list-style-type: none"> • Identify the emergency situations • Coordinate the implementation of WSH HSSEQ EPRPs • Coordinate the conduct of the appropriate emergency response drills in accordance with the emergency preparedness and response plans • Coordinate the maintenance of emergency response equipment • Organise the review of the emergency preparedness and response plans 	<ul style="list-style-type: none"> • Review EPRPs to identify gaps • Establish internal procedures for notifying and escalating relevant emergency scenarios to relevant external agencies, insurers, unions and classification societies. • Establish points of contact with nearest port, flag state and relevant external agencies for emergency handling • Recommend improvements to EPRPs in alignment with organisational and legislative requirements 	<ul style="list-style-type: none"> • Conduct hazard and vulnerability assessments to identify the types of maritime emergency scenarios for preparedness and response planning • Develop organisational EPRPs based on hazard and vulnerability assessment findings • Implement organisational EPRPs • Maintain the organisational EPRPs 	