

**SKILLS FRAMEWORK FOR SEA TRANSPORT
SKILLS MAP – EQUIPMENT SPECIALIST**

Sector	Sea Transport					
Track	Port					
Sub-Track	Terminal Operations					
Occupation	Terminal Operations					
Job Role	Equipment Specialist					
Job Role Description	The Equipment Specialist operates equipment to move cargo while ensuring compliance with workplace safety and health (WSH) regulations. He/She is responsible for inspecting the equipment and work site prior to equipment set-up and is aware of the equipment capacity, limits and corresponding load weights to prevent overload. He is organised and physically fit with good hand-eye coordination, who works in all weather conditions in the course of work.					
Critical Work Functions and Key Tasks	Critical Work Functions		Key Tasks			
	Execute cargo operations		Operate equipment, and/or manage automated equipment operations remotely, to move cargo			
			Conduct pre and post-operation checks on equipment			
			Prepare worksite for cargo operations			
			Handle gantry operations			
			Propose initiatives to enhance workflows and productivity			
Ensure compliance with workplace safety and health (WSH) policies, procedures and regulations		Comply with workplace safety and health policies, procedures and regulations on use of personal protective equipment when operating equipment, etc.				
Lead improvements to enhance efficiency		Propose workflow improvements to improve efficiency				
-		Assist with implementation of workflow improvements to improve efficiency				
Skills and Competencies	Technical Skills and Competencies		Generic Skills and Competencies (Top 5)			
	Bulk Cargo Operations	Level 1	Communication	Basic		
	Confined Space Work	Level 1	Interpersonal Skills	Basic		
	Cyber Security	Level 3	Managing Diversity	Basic		
	Documentation and Administration	Level 2	Teamwork	Basic		
	Innovation	Level 3	Digital Literacy	Basic		
	Mobile Equipment - Heavy Duty Prime Mover and Trailer Operations	Level 1				
	Mobile Equipment - Prime Mover Defensive Driving	Level 1				
	Port Call Planning	Level 2				
	Quality Systems	Level 2				
	Rigging and Signalling	Level 1				
	Ship Operations	Level 1				
	Work at Heights	Level 1				
	Workplace Safety and Health for Crane Operations	Level 1				
Programme Listing						
For a list of Training Programmes available for the Sea Transport sector, please visit: www.skillsfuture.sg/skills-framework/sea-transport						

The information contained in this document serves as a guide.