

SKILLS FRAMEWORK FOR SEA TRANSPORT SKILLS MAP - SENIOR EQUIPMENT SPECIALIST				
Sector	Sea Transport			
Track	Port			
Sub-track	Terminal Operations			
Occupation	Terminal Operations			
Job Role	Senior Equipment Specialist			
Job Role Description	<p>The Senior Equipment Specialist is proficient in the use of multiple types of equipment for cargo movement and ensures that the work site is safe to facilitate the efficient transfer of cargo. He/She also handles automated equipment operations remotely.</p> <p>He coaches junior colleagues in the use of equipment, oversees the implementation of workplace safety and health (WSH) practices, and proposes workflow improvements to enhance the productivity and efficiency of port operations. He is physically fit and has good hand-eye coordination and should be adept at handling multiple tasks.</p>			
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.	
Oversee the management and development of port teams		Coach others in the correct use of equipment		
		Monitor performance of subordinates in the use of equipment		
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 2	Communication	Basic
	Cargo Loading and Unloading	Level 2	Interpersonal Skills	Basic
	Confined Space Work	Level 3	Managing Diversity	Basic
	Container Operations	Level 2	Teamwork	Basic
	Cyber Security	Level 3	Digital Literacy	Basic
	Documentation and Administration	Level 3		
	Innovation	Level 3		
	Mobile Equipment - Heavy Duty Prime Mover and Trailer Operations	Level 2		
	Port Call Planning	Level 2		
	Quality Systems	Level 3		
	Rigging and Signalling	Level 3		
	Ship Operations	Level 2		
	Single Stack Medium Forklift Operations	Level 3		
	Technology Integration	Level 2		
	Work at Heights	Level 1		
Workplace Safety and Health for Crane Operations	Level 2			
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.