

SKILLS FRAMEWORK FOR AIR TRANSPORT SKILLS MAP – RAMP OPERATOR					
Sector	Air Transport				
Sub-Sector	Airport				
Track	Ramp and Technical Ramp Services				
Occupation	Ramp and Technical Ramp Services Operator				
Job Role	Ramp Operator				
Job Role Description	<p>The Ramp Operator is tasked with operating Ground Support Equipment (GSE) during ramp operations. He/She clears the Equipment Restraint Area (ERA) before setting up the GSE and performs checks on GSE to ensure they are functioning optimally. He removes any hazards from the Equipment Staging Area (ESA), complies with all safety and/or security standards and reports safety and/or security breaches to officers and supervisors.</p> <p>Besides having a Class 3 Driving Licence and an Airfield Driving Permit (ADP) to operate vehicles and equipment, the Ramp Operator is able to work outdoors under all weather conditions as well as work in shifts to accommodate round-the-clock flight arrivals and departures. He is also physically and mentally fit with good hearing and eyesight. In addition, he has good time management, communication and interpersonal skills and is familiar with technological tools.</p>				
Critical Work Functions and Key Tasks / Performance Expectations	Critical Work Functions	Key Tasks	Performance Expectations (For legislated / regulated occupations)		
				Prepare for ramp/technical ramp operations	Inspect Equipment Restraint Area (ERA) for Foreign Object Debris (FOD), obstacles and/or spillages
					Clear Equipment Staging Area (ESA) from FOD, obstacles and/or spillages
					Access roster information using technological devices
	Carry out checks on Ground Support Equipment (GSE) to ensure they are in working order				
	Administer ramp/technical ramp operations	Operate GSE to perform ramp operations			
		Maintain a hazard-free environment during ramp operations			
		Respond to real-time operational information using technological devices			
	Conduct post ramp/technical ramp operations	Retract GSE from ERA to ESA			
		Clear ERA from FOD, obstacles and/or spillages			

	Uphold safety and/or security standards	Interpret and follow individual safety and/or security standards in the workplace		
		Identify and report breaches of safety and/or security standards in the workplace		
Skills & Competencies	Technical Skills & Competencies		Generic Skills & Competencies (Top 5)	
	Accident and Incident Response Management	Level 1	Teamwork	Basic
	Aircraft Movement Management	Level 1	Communication	Basic
	Aircraft Turnaround Coordination	Level 1	Virtual Collaboration	Basic
	Airside Driving	Level 1	Problem Solving	Basic
	Baggage Loading and Unloading Administration	Level 1	Service Orientation	Basic
	Cargo Loading and Unloading Administration	Level 1		
	Change Management	Level 1		
	Dangerous Goods Management	Level 1		
	Ground Handling Services and Operations Management	Level 1		
	Ground Support Equipment Operations	Level 1		
	Hazard and Risk Control and Policy Management	Level 2		
	Human Factors Management	Level 2		
	Human-Robot Collaboration	Level 2		
	Inclement Weather Operations and Planning	Level 1		
	Innovation Management	Level 2		
	International Air Transport Association Safety Audit for Ground Operations Implementation	Level 1		
	Internet of Things Application	Level 2		
	Learning and Development	Level 1		
	Process Improvement and Optimisation	Level 2		
	Stakeholder Management	Level 1		
Technology Application	Level 1			

Programme Listing	For a list of Training Programmes available for the Air Transport sector, please visit: www.skillsfuture.sg/skills-framework/air-transport
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The information contained in this document serves as a guide.