

SKILLS FRAMEWORK FOR AIR TRANSPORT SKILLS MAP – MAINTENANCE TECHNICIAN				
Sector	Air Transport			
Sub-Sector	Airport			
Track	Technical Services			
Occupation	Technical Services Technician			
Job Role	Maintenance Technician			
Job Role Description	<p>The Maintenance Technician performs routine preventive maintenance and carries out repairs on Ground Support Equipment (GSE) according to maintenance plans. He/She provides updates on ad-hoc repairs and GSE functionality to officers and supervisors. To maintain a safe working environment, he complies with all safety and/or security standards and report breaches to officers and supervisors.</p> <p>Besides having a technical or engineering background in maintenance work, the Maintenance Technician is familiar with the functions of GSE. He also works in shifts to accommodate round-the-clock flight arrivals and departures. He is detail-oriented, physically fit to handle heavy equipment and shows initiative in performing his daily tasks.</p>			
Critical Work Functions and Key Tasks	Critical Work Functions	Key Tasks		
	Provide technical maintenance services	Carry out routine preventive maintenance and basic corrective maintenance of Ground Support Equipment (GSE)		
		Carry out repairs according to established maintenance plans and Standard Operating Procedures (SOPs)		
		Report ad-hoc repairs to officers and supervisors		
		Provide updates on GSE functionality		
	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	Digital Literacy	Basic
	Aircraft Turnaround Coordination	Level 1	Teamwork	Basic
	Airside Driving	Level 1	Lifelong Learning	Basic
	Change Management	Level 1	Interpersonal Skills	Basic
	Dangerous Goods Management	Level 1	Problem Solving	Basic
	Ground Handling Services and Operations Management	Level 1		

	Ground Support Equipment Maintenance	Level 2	
	Ground Support Equipment Operations	Level 1	
	Ground Support Equipment Safety Audit Inspections	Level 1	
	Hazard and Risk Control and Policy Management	Level 2	
	Human Factors Management	Level 2	
	Human-Robot Collaboration	Level 2	
	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		

The information contained in this document serves as a guide.