

SKILLS FRAMEWORK FOR PUBLIC TRANSPORT SKILLS MAP - TECHNICAL SPECIALIST				
Sector	Public Transport			
Track	Bus Fleet Engineering			
Sub-Track	Bus Workshop			
Occupation	Automotive Specialist			
Job Role	Technical Specialist			
Job Role Description	<p>The Technical Specialist is assigned to perform maintenance activities on a specific bus sub-system based on his/her area of specialisation. His duties include corrective and preventive maintenance of a bus sub-system, troubleshooting to identify faults, repair and conduct functionality tests. He supports the general housekeeping activities and maintenance of workshop tools and equipment as well as carrying out Workplace Safety and Health (WSH) procedures.</p> <p>He is required to work in the bus workshop and/or depot environment based on rotating shifts. He is technically-inclined and has opportunities to deepen his technical knowledge and skills in the maintenance of different bus sub-systems. He is a team-player and supports the team to meet its operational and maintenance targets.</p>			
Critical Work Functions and Key Tasks	Critical Work Functions	Maintain bus fleet	Key Tasks	
			Perform preventive maintenance on bus sub-system based on area of specialisation	
			Perform corrective maintenance on bus sub-system based on area of specialisation	
	Support maintenance activities and operational requirements	Support continuous improvement activities to enhance service reliability	Conduct functionality and quality checks on maintenance work done	
			Support implementation of housekeeping activities and maintenance of workshop tools, equipment and expendables	
			Document inspection and maintenance activities	
	Comply with Workplace Safety and Health (WSH) policies, procedures and regulations when carrying out work	Propose workflow improvements to enhance maintenance procedures of bus system		
Support implementation of work and process improvement activities				
Skills & Competencies	Technical Skills & Competencies		Generic Skills & Competencies (Top 5)	
	Bus Air-Conditioning Systems Maintenance	Level 1, Level 2	Communication	Intermediate
	Bus Body Work Maintenance	Level 1, Level 2	Problem Solving	Basic
	Bus Brake Systems Maintenance	Level 1, Level 2	Teamwork	Basic
	Bus Drivetrain Systems Maintenance	Level 1, Level 2	Computational Thinking	Basic
	Bus Electrical and Electronic Systems Maintenance	Level 1, Level 2	Creative Thinking	Basic
	Bus Engine System Maintenance	Level 1, Level 2		
	Bus Regulatory Compliance	Level 2		
	Bus Steering and Suspension Systems Maintenance	Level 1, Level 2		
	Continuous Improvement Management	Level 2		
	Data and Statistical Analytics	Level 2		
	Equipment Maintenance and Housekeeping	Level 2		
	Heavy Lifting Machinery Operation	Level 1		
	Internet of Things Application	Level 2		
	Report Writing	Level 1		
	Robotics and Automation Application	Level 2		
	Work at Heights	Level 1		
	Workplace Facilities Safety Management	Level 2		
	Workplace Safety and Health Culture Development	Level 2		
	Workplace Safety and Health for Electrical Safety	Level 1		
	Workplace Safety and Health for Fire Prevention and Fire Fighting	Level 1		
Workplace Safety and Health for Incident and Accident Investigation	Level 2			
Programme Listing	For a list of Training Programmes available for the Public Transport sector, please visit: www.skillsfuture.sg/skills-framework/public-transport			

The information contained in this document serves as a guide.

