

SKILLS FRAMEWORK FOR PUBLIC TRANSPORT SKILLS MAP - TECHNICIAN (ROLLING STOCK)				
Sector	Public Transport			
Track	Rail Engineering			
Sub-Track	Rolling Stock			
Occupation	Rail Technician			
Job Role	Technician (Rolling Stock)			
Job Role Description	<p>The Technician (Rolling Stock) works in a team to perform preventive and corrective maintenance of passenger trains. He/She assists in the preparation of maintenance work and supports the team in the conduct of fault analysis and testing to improve the reliability of passenger trains. He supervises the work of contractors and external stakeholders in ensuring adherence to safety requirements and operating standards.</p> <p>He may be deployed at various rail premises such as workshops, depots and/or maintenance plants to carry out his duties. He is technically inclined and adept in the maintenance and/or repair of passenger train components. He is capable of communicating effectively within the team, able to multi-task and prioritises his assigned maintenance workload in supporting maintenance activities.</p>			
Critical Work Functions and Key Tasks	Critical Work Functions	Key Tasks		
	Maintain rolling stock	Perform preventive maintenance for rolling stock Perform corrective maintenance for rolling stock Assist in conducting fault analysis and testing of rolling stock Perform shunting of rolling stock		
Critical Work Functions and Key Tasks	Support maintenance activities and operational requirements	Supervise the work of contractors and stakeholders external to the rolling stock team Ensure proper housekeeping of spare parts, equipment and tools Document inspection and maintenance activities Comply with Workplace Safety and Health (WSH) policies, procedures and regulations when carrying out work Comply with the Rapid Transit System (RTS) Codes of Practice		
Skills & Competencies	Technical Skills & Competencies		Generic Skills & Competencies (Top 5)	
	Condition-based Assets Monitoring Management	Level 1	Teamwork	Basic
	Data and Statistical Analytics	Level 1	Communication	Basic
	Engineering Train and Rolling Stock Operation	Level 3	Interpersonal Skills	Basic
	Equipment Maintenance and Housekeeping	Level 1	Problem Solving	Basic
	Heavy Lifting Machinery Operation	Level 1	Lifelong Learning	Basic
	Internet of Things Application	Level 2		
	Rail Regulatory Compliance	Level 1		
	Report Writing	Level 1		
	Robotics and Automation Application	Level 2		
	Rolling Stock Air Condition and Ventilation Systems Maintenance	Level 1, Level 2		
	Rolling Stock Auxiliary Systems Maintenance	Level 1, Level 2		
	Rolling Stock Bogie Maintenance	Level 1, Level 2		
	Rolling Stock Brake Systems Maintenance	Level 1, Level 2		
	Rolling Stock Car Body Maintenance	Level 1, Level 2		
	Rolling Stock On-Board Control Systems Maintenance	Level 1, Level 2		
	Rolling Stock Power Systems Maintenance	Level 1, Level 2		
	Rolling Stock Propulsion Systems Maintenance	Level 1, Level 2		
	Vendor Management	Level 1		
	Workplace Facilities Safety Management	Level 2		
	Workplace Safety and Health for Confined Spaces	Level 1		
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.