

SKILLS FRAMEWORK FOR PUBLIC TRANSPORT SKILLS MAP - SENIOR TECHNICIAN (ROLLING STOCK)					
<b>Sector</b>	Public Transport				
<b>Track</b>	Rail Engineering				
<b>Sub-Track</b>	Rolling Stock				
<b>Occupation</b>	Rail Technician				
<b>Job Role</b>	<b>Senior Technician (Rolling Stock)</b>				
<b>Job Role Description</b>	<p>The Senior Technician (Rolling Stock) performs preventive and corrective maintenance activities as well as modification and/or overhaul works on passenger trains and its components. His/Her duties include troubleshooting to perform fault analyses, repairing of electronics, electrical and mechanical equipment of passenger trains as well as performing routine vehicle inspections in accordance to maintenance procedures and instructions. He also supervises the work of contractors and external stakeholders to ensure adherence to operating standards and safety standards.</p> <p>He may be deployed at various rail premises such as workshops, depots and/or maintenance plants to carry out his duties, depending on his area of specialisation and expertise. He possesses good communication skills, is able to lead a work team and manage multiple tasks and works productively in a fast-paced and team-oriented environment.</p>				
<b>Critical Work Functions and Key Tasks</b>	<b>Critical Work Functions</b>	Maintain rolling stock	Key Tasks		
			Perform preventive maintenance for rolling stock		
			Perform corrective maintenance for rolling stock		
			Perform fault analysis and testing of rolling stock		
	Support maintenance activities and operational requirements	Perform shunting of rolling stock	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		
		Manage people and team performance	Assist in allocating manpower for work activities		
		Contribute to workflow improvement, planning and scheduling activities	Perform on-the-job coaching		
	<b>Skills &amp; Competencies</b>	<b>Technical Skills &amp; Competencies</b>		<b>Generic Skills &amp; Competencies (Top 5)</b>	
		Condition-based Assets Monitoring Management	Level 2	Teamwork	Basic
		Data and Statistical Analytics	Level 2	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	Sense Making	Basic	
Internet of Things Application		Level 2			
Learning and Development		Level 2			
Maintenance Scheduling		Level 3			
Rail Regulatory Compliance		Level 2			
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 Culture Development	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	
<b>Programme Listing</b>	For a list of Training Programmes available for the Public Transport sector, please visit: <a href="http://www.skillsfuture.sg/skills-framework/public-transport">www.skillsfuture.sg/skills-framework/public-transport</a>		

The information contained in this document serves as a guide.