

SKILLS FRAMEWORK FOR PUBLIC TRANSPORT SKILLS MAP - SENIOR TECHNICAL SPECIALIST				
<b>Sector</b>	Public Transport			
<b>Track</b>	Bus Fleet Engineering			
<b>Sub-Track</b>	Bus Workshop			
<b>Occupation</b>	Automotive Specialist			
<b>Job Role</b>	Senior Technical Specialist			
<b>Job Role Description</b>	<p>The Senior Technical Specialist supports the preventive and corrective maintenance work on multiple bus sub-systems. His/Her duties include instructing the maintenance team on various approaches and procedures to resolve technical issues. He also conducts sub-system and component fault analysis and testing with specialised tools and techniques as well as devises fault rectification methods on multiple bus sub-systems. He is also involved in supervising external contractors on various bus and workshop equipment maintenance and servicing to ensure quality requirements are met.</p> <p>He is required to work in the bus workshop and/or depot environment based on rotating shifts. He is meticulous, analytical and able to interact with the maintenance team effectively to provide technical and instructional advice.</p>			
<b>Critical Work Functions and Key Tasks</b>	<b>Critical Work Functions</b>	Maintain bus fleet	<b>Key Tasks</b>	
			Supervise and provide guidance on preventive and corrective maintenance work on multiple bus sub-systems within the team	
			Perform preventive maintenance work on multiple bus sub-systems	
			Perform corrective maintenance work on multiple bus-systems	
			Perform fault analysis and testing across multiple bus sub-systems to identify faults and repair requirements	
	Review maintenance work for quality and serviceability			
	Support maintenance activities and operational requirements	Implement housekeeping practices and maintenance plans for workshop tools, equipment and expendables		
		Validate inspection and maintenance records and documents		
		Supervise and facilitate the work of contractors and stakeholders external to the bus maintenance team to ensure safety requirements, operating standards and quality standards are met		
	Support continuous improvement activities to enhance service reliability	Ensure workplace adherence with Workplace Safety and Health (WSH) policies, procedures and regulations when carrying out work		
Propose workflow improvements to enhance efficiency and reliability of bus systems maintenance				
		Implement maintenance and workflow improvement initiatives to enhance bus systems maintenance		
<b>Skills &amp; Competencies</b>	<b>Technical Skills &amp; Competencies</b>		<b>Generic Skills &amp; Competencies (Top 5)</b>	
	Bus Air-Conditioning Systems Maintenance	Level 3	Problem Solving	Basic
	Bus Body Work Maintenance	Level 2	Communication	Intermediate
	Bus Brake Systems Maintenance	Level 3	Decision Making	Basic
	Bus Drivetrain Systems Maintenance	Level 3	Teamwork	Basic
	Bus Electrical and Electronic Systems Maintenance	Level 3	Creative Thinking	Basic
	Bus Engine System Maintenance	Level 3		
	Bus Regulatory Compliance	Level 3		
	Bus Steering and Suspension Systems Maintenance	Level 3		
	Continuous Improvement Management	Level 3		
	Data and Statistical Analytics	Level 3		
	Equipment Maintenance and Housekeeping	Level 2		
	Heavy Lifting Machinery Operation	Level 2		
	Innovation Management	Level 3		
	Internet of Things Application	Level 3		
	Inventory Management	Level 3		
	Maintenance Scheduling	Level 3		
	Report Writing	Level 2		
	Robotics and Automation Application	Level 3		
	Vendor Management	Level 2		
	Work at Heights	Level 3		

	Workplace Facilities Safety Management	Level 3	
	Workplace Safety and Health Culture Development	Level 3	
	Workplace Safety and Health for Electrical Safety	Level 2	
	Workplace Safety and Health for Fire Prevention and Fire Fighting	Level 2	
	Workplace Safety and Health for Incident and Accident Investigation	Level 3	
<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.