

SKILLS FRAMEWORK FOR PUBLIC TRANSPORT SKILLS MAP - TECHNICIAN (AUTOMATIC FARE COLLECTION)					
Sector	Public Transport				
Track	Rapid Transit System Engineering				
Sub-Track	Automatic Fare Collection				
Occupation	Rail Technician				
Job Role	Technician (Automatic Fare Collection)				
Job Role Description	<p>The Technician (Automatic Fare Collection) works in a team to perform preventive and corrective maintenance of Automatic Fare Collection (AFC) Line Replacement Units (LRUs). He/She is responsible for the preparation of materials, tools, equipment and checklists required. He also assists in the conduct of fault analysis and testing to improve the reliability of the AFC systems as well as supervises the work of contractors and external stakeholders in ensuring compliance to safety requirements and operating standards.</p> <p>He is required to carry out his duties in the depot, workshop and/or at various train stations during train operating hours. He is a team player and a well-organised individual who is able to work under pressure and carry out his duties professionally in public access areas.</p>				
Critical Work Functions and Key Tasks	Critical Work Functions	Maintain Automatic Fare Collection (AFC) systems	Key Tasks		
			Perform preventive maintenance of AFC Line Replacement Units (LRUs)		
			Perform corrective maintenance of AFC LRUs		
	Support maintenance activities and operational requirements	Assist in conducting fault analysis and testing of AFC LRUs		Supervise the work of contractors and stakeholders external to the AFC team to ensure safety requirements and operating standards are met	
		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			
Skills & Competencies	Technical Skills & Competencies			Generic Skills & Competencies (Top 5)	
	Automatic Fare Collection Auxiliary Systems Maintenance	Level 1, Level 2		Teamwork	Basic
	Automatic Fare Collection Gate Maintenance	Level 1, Level 2		Communication	Basic
	Automatic Fare Collection Sales Device Maintenance	Level 1, Level 2		Interpersonal Skills	Basic
	Condition-based Assets Monitoring Management	Level 1		Problem Solving	Basic
	Data and Statistical Analytics	Level 1		Lifelong Learning	Basic
	Equipment Maintenance and Housekeeping	Level 1			
	Internet of Things Application	Level 2			
	Rail Regulatory Compliance	Level 1			
	Report Writing	Level 1			
	Vendor Management	Level 1			
	Workplace Facilities Safety Management	Level 2			
	Workplace Safety and Health for Electrical Safety	Level 1			
	Workplace Safety and Health for Fire Prevention and Fire Fighting	Level 1			
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.