

SKILLS FRAMEWORK FOR ENGINEERING SERVICES SKILLS MAP – TECHNICIAN/COORDINATOR (OPERATIONS AND MAINTENANCE)					
Sector	Engineering Services				
Track	Operations and Maintenance				
Occupation	Associate Professional and Technician				
Job Role	Technician/Coordinator (Operations and Maintenance)				
Job Role Description	<p>The Technician/Coordinator (Operations and Maintenance) is responsible for ensuring that all engineering equipment and systems are fully functional and in optimal operating condition. He/She supports the team by performing maintenance on equipment and systems in accordance with maintenance Standard Operating Procedures (SOPs). He follows corporate guidelines and best practices, ensuring work activities are carried out safely and in compliance with regulatory and statutory policies, procedures and regulations. He follows emergency response plans and adheres to workplace safety and health (WSH) requirements.</p> <p>He usually works under supervision. He is a good team player and is able to engage and interact with internal and external stakeholders. He is also expected to work on-site, on a rotating or day-shift, and/or may be employed on-call basis.</p>				
Critical Work Functions and Key Tasks / Performance Expectations	Critical Work Functions		Key Tasks	Performance Expectations* (For legislated / regulated occupations)	
			Maintain equipment and systems		Conduct testing of equipment and systems Perform repair works on equipment and systems Monitor equipment and system condition Perform housekeeping of tools after maintenance and repairs
			Conduct operations		Follow resourcing plans in support of engineering projects Operate equipment and systems in adherence to operational plans and Standard Operating Procedures (SOPs) Monitor equipment and systems performance
			Manage responses to emergencies and crises		Follow emergency response plans and relevant safety procedures Respond to emergencies as an emergency response team member
	Manage health, safety and environment	Comply with the organisational Workplace Safety and Health (WSH) policies and Environmental Management Systems (EMS)			

		Coordinate with contractors to ensure compliance with the organisational WSH and EMS standards and practices	
		Report accidents and incidents in accordance with WSH and EMS standards and practices	*Performance Expectations are non-exhaustive and subject to prevailing regulations
Skills & Competencies	Technical Skills & Competencies		Generic Skills & Competencies (Top 5)
	Asset Management	Level 3	Communication Basic
	Condition-based Assets Monitoring Management	Level 1	Teamwork Intermediate
	Continuous Improvement Management	Level 2	Interpersonal Skills Basic
	Data and Statistical Analytics	Level 1	Problem Solving Basic
	Emergency Response Management	Level 2	Digital Literacy Basic
	Engineering Drawing Interpretation and Management	Level 1	
	Environmental Management System Framework Development and Implementation	Level 1	
	Equipment and Systems Repair	Level 2	
	Equipment and Systems Testing	Level 2	
	Equipment Maintenance and Housekeeping	Level 1	
	Facility Maintenance	Level 2	
	Hazards and Risk Identification and Management	Level 1	
	Inventory Management	Level 3	
	Preventive Maintenance	Level 2	
	Programme Management	Level 1	
	Quality System Management	Level 2	
	Structural Testing	Level 2	
	Technical Inspection	Level 2	
	Technical Writing	Level 2	
Technology Application	Level 2		
Third Party Management	Level 2		

	Workplace Safety and Health Culture Development	Level 2	
	Workplace Safety and Health Framework Development and Implementation	Level 1	
Programme Listing	For a list of Training Programmes available for the Engineering Services sector, please visit: www.skillsfuture.sg/skills-framework/engineeringservices		

The information contained in this document serves as a guide.