

SKILLS FRAMEWORK FOR ELECTRONICS SKILLS MAP - ASSISTANT EQUIPMENT ENGINEER				
<b>Sector</b>	Electronics			
<b>Sub-sector</b>	Semiconductor and Data Storage			
<b>Track</b>	Technical and Engineering			
<b>Occupation</b>	Engineer			
<b>Job Role</b>	<b>Assistant Equipment Engineer</b>			
<b>Job Role Description</b>	The Assistant Equipment Engineer applies engineering principles and techniques to support equipment engineering processes in a manufacturing environment to meet organisational objectives. He/She also assists in analysing equipment maintenance issues.			
	In addition, the Assistant Equipment Engineer participates in equipment improvement projects, and partakes in the development of maintenance plans in accordance with organisational objectives.			
	The Assistant Equipment Engineer is required to have strong communication skills, good teamwork and an analytical mind to perform his role well to achieve the desired organisational outcomes.			
<b>Critical Work Functions and Key Tasks</b>	<b>Critical Work Functions</b>	Administer equipment engineering	<b>Key Tasks</b>	
			Perform set-up and conversion to support production	
			Assist in overseeing proper equipment maintenance and repair works	
			Assist to resolve equipment maintenance issues	
	Manage equipment capability	Co-ordinate resources to support maintenance works		
		Interpret information provided by the networks and/or dashboard for equipment performance monitoring		
	Conform to management system requirements	Maintain optimum equipment performance		
		Enforce good safety culture and maintenance practices		
		Ensure adherence to processes and procedures		
	Contribute to continuous improvements	Supervise maintenance works for Workplace Safety and Health compliance		
		Assist in implementation of improvement projects		
		Identify opportunities for continuous improvement projects		
Perform evaluation and/or experiments				
<b>Skills &amp; Competencies</b>	<b>Technical Skills and Competencies</b>		<b>Generic Skills and Competencies (Top 5)</b>	
	Audit Management	Level 4	Communication	Basic
	Automated Operations Monitoring	Level 3	Decision Making	Basic
	Automation Process Control	Level 3	Leadership	Basic
	Automation Systems Maintenance	Level 3	Lifelong Learning	Basic
	Continuous Process Improvement	Level 3	Teamwork	Basic
	Data Analytics Systems Design	Level 3		
	Electrostatic Discharge Control	Level 3		
	Embedded Systems Integration	Level 4		
	Emergency Management	Level 3		
	Equipment Maintenance	Level 3		
	Failure Analysis	Level 3		
	Good Manufacturing Practices Implementation	Level 3		
	Hazards and Risk Control, and Policy Management	Level 3		
	Innovation Management	Level 3		
	Internet of Things (IoT) Management	Level 3		
	Learning and Development	Level 2		
	Technical Presentations	Level 4		
	Quality Systems Management	Level 3		
	Report Writing	Level 3		
Solutioning	Level 4			
Workplace Safety and Health (WSH) Practices Implementation	Level 3			
<b>Programme Listing</b>	For a list of Training Programmes available for the Electronics sector, please visit: <a href="http://www.skillsfuture.sg/skills-framework/electronics">www.skillsfuture.sg/skills-framework/electronics</a>			

The information contained in this document serves as a guide.