

SKILLS FRAMEWORK FOR ELECTRONICS SKILLS MAP - SENIOR FACILITIES ENGINEER				
Sector	Electronics			
Sub-sector	Semiconductor and Data Storage			
Track	Technical and Engineering			
Occupation	Engineer			
Job Role	Senior Facilities Engineer			
Job Role Description	The Senior Facilities Engineer is responsible for the day-to-day facilities operations including maintaining uptime and operations of facilities to meet business needs. He/She, as the subject matter expert, is required to manage maintenance for all facilities and adopt new technologies to improve facilities system and facilities capability indices. He is responsible for developing a management system to ensure operations meet both internal and external parties' quality requirements.			
	He has to take the lead in managing cross-functional teams in continuous improvement projects and assist in implementing process improvement projects. He plays an important role in organisational development through the development of on-the-job training and mentoring of team leaders.			
	The Senior Facility Engineer possesses an analytical mind and leadership skills to steer the team to perform their best and achieve the desired organisational outcomes.			
Critical Work Functions and Key Tasks	Critical Work Functions		Key Tasks	
	Administer facility engineering			Maintain uptime and operations of facility systems
				Manage outsourced services to ensure fulfilment of contract terms and agreements
				Coordinate with sub-contractors, vendors or local authorities for any new installations or system re-location
				Resolve facility maintenance issues
	Manage facility system capabilities			Manage maintenance for all facilities
				Improve facility capability indices to meet organisation goals
				Design data monitoring systems to aid data analytics
	Conform to management system requirements			Adopt new technologies to improve facility systems
				Develops quality systems to ensure that operations meet both internal and external parties' quality requirements
	Contribute to continuous improvement			Enhance safety procedures and ensure good housekeeping in the respective area of responsibilities
				Lead cross-functional teams in continuous improvement projects
Influence organisational development			Collaborate with stakeholders in improvement activities to meet organisational goals	
			Develop on-the-job training programmes	
			Develop workplace learning plans	
			Develop team leaders through capability development and coaching	
Skills & Competencies	Technical Skills and Competencies		Generic Skills and Competencies (Top 5)	
	Audit Management	Level 5	Communication	Intermediate
	Change Management	Level 3	Creative Thinking	Intermediate
	Conflict Management	Level 4	Decision Making	Intermediate
	Continuous Process Improvement	Level 5	Leadership	Advanced
	Crisis Situations Management	Level 3	Lifelong Learning	Intermediate
	Data Analytics Systems Design	Level 5		
	Effectiveness Management	Level 5		
	Enterprise Risk Management	Level 4		
	Facilities Management	Level 5		
	Factory Systems Management	Level 5		
	Failure Analysis	Level 5		
	Innovation Management	Level 4		
	Internet of Things (IoT) Management	Level 5		
	Learning and Development	Level 4		
	Operations Management	Level 5		
	Organisational Analysis	Level 4		
	Organisational Strategising	Level 4		
	Quality Systems Management	Level 5		
	Workplace Safety and Health (WSH) Systems Management	Level 5		
Programme Listing	For a list of Training Programmes available for the Electronics sector, please visit: www.skillsfuture.sg/skills-framework/electronics			

The information contained in this document serves as a guide.