

**SKILLS FRAMEWORK FOR ELECTRONICS
TECHNICAL SKILLS & COMPETENCIES (TSC) REFERENCE DOCUMENT**

TSC Category	Maintenance					
TSC	Facilities Maintenance					
TSC Description	Manage facility systems maintenance as well as propose strategies for performance enhancement					
TSC Proficiency Description	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6
		ELE-MAI-2002-1.1	ELE-MAI-3002-1.1	ELE-MAI-4002-1.1	ELE-MAI-5002-1.1	
		Interpret fault codes to identify possible fault of facility systems and take measures to recover them	Coordinate facility systems maintenance to maintain the performance of the facility systems	Manage day-to-day operations, maintenance and troubleshooting of the facility systems	Formulate strategies for facility system performance enhancement	
Knowledge		<ul style="list-style-type: none"> Types of distribution systems and network Distribution systems, network functions and operating principles Types of warning devices and fault indicators Fault diagnostic procedures Testing procedures 	<ul style="list-style-type: none"> Facility systems operations and safety requirements Functionality of different facility systems Building control systems Concept and application of maintenance procedures on facility systems 	<ul style="list-style-type: none"> Types of distribution systems and network Distribution systems and network maintenance Types of performance metrics and monitoring parameters Incident escalation procedures Troubleshooting techniques of systems and network Safety requirements 	<ul style="list-style-type: none"> Problem solving techniques Facility system performance metrics 	
Abilities		<ul style="list-style-type: none"> Perform daily operational checks and inspections on distribution systems and network Apply appropriate technique(s) to determine the faults Interpret fault codes from alarm panels Rectify fault(s) using correct techniques, procedures, tools and equipment Verify distribution systems and network performance 	<ul style="list-style-type: none"> Identify facility systems functions in the manufacturing process Prepare facility systems for basic maintenance Perform facility systems maintenance Verify distribution systems and network performance 	<ul style="list-style-type: none"> Identify types of distribution systems and network Manage day-to-day operations, and maintenance of plant distribution systems and network Verify distribution system and network performance Set up the distribution systems and network for operational readiness 	<ul style="list-style-type: none"> Analyse facility systems performance metrics in accordance with specifications Select appropriate project that will enhance facility system performance Define project scope of work and the number of hours based on business requirements Execute project in accordance with project plan Evaluate project effectiveness in accordance with project objectives Recommend follow up actions 	

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