

**SKILLS FRAMEWORK FOR PRECISION ENGINEERING
TECHNICAL SKILLS AND COMPETENCIES (TSC) REFERENCE DOCUMENT**

TSC Category	Production Management					
TSC	Production Performance Management					
TSC Description	Plan and manage resources to optimise production performance as well as manage production constraint and improve manufacturing efficiency					
TSC Proficiency Description	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6
			PRE-OPR-3009-1.1	PRE-OPR-4009-1.1	PRE-OPR-5009-1.1	
			Analyse production resources and manage resource planning to meet production performance	Review production performance by identifying production constraints and allocate resources to overcome them	Formulate strategies for manufacturing efficiency improvement by analysing the manufacturing metrics	
Knowledge			<ul style="list-style-type: none"> • Production metrics • Manufacturing work flow • Production terminologies 	<ul style="list-style-type: none"> • Production monitoring tools • Manufacturing process flow • Problem solving techniques 	<ul style="list-style-type: none"> • Manufacturing metrics • Problem solving techniques 	
Abilities			<ul style="list-style-type: none"> • Interpret production terminologies • Analyse production resources required to meet production performance • Determine production resources to meet production performance • Verify production performance against production resource plan • Determine follow-up action 	<ul style="list-style-type: none"> • Relate production plan to production line operations • Execute production plan • Identify production constraints in accordance with production plan • Allocate resources to overcome constraints • Review production performance • Determine follow-up actions 	<ul style="list-style-type: none"> • Analyse manufacturing efficiency • Select appropriate project that will improve manufacturing efficiency • Define project scope of work and the number of hours as defined by the supervisor, based on business requirements • Execute improvement project in accordance to the plan • Evaluate project effectiveness in accordance with project objectives • Recommend follow up actions 	