

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

TSC Category	Procurement					
TSC	Supply Chain Solutioning					
TSC Description	Develop new operating models and solutions for customers to manage their supply chain needs as well as improve inventory levels, delivery time and cost saving					
TSC Proficiency Description	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6
			PRE-SPM-3005-1.1	PRE-SPM-4005-1.1	PRE-SPM-5005-1.1	
			Analyse current supply chain operating models with respect to changing customer needs, improve inventory management, delivery time and cost saving	Develop models to optimise supply chain operating models based on conclusions drawn from analysis	Formulate supply chain operations optimisation plans to ensure alignment to business objectives	
Knowledge			<ul style="list-style-type: none"> Process improvement techniques and tools Supply chain operation elements Key performance metrics of supply chain systems Industry best practices for supply chain operations Future business needs projection techniques 	<ul style="list-style-type: none"> Process improvement approaches Supply chain process improvement industry trends Supply chain management Interdependency and variability in supply chains Modelling techniques and methodologies for supply chain Simulation software 	<ul style="list-style-type: none"> Process improvement frameworks Supply chain optimisation strategies Emerging trends in supply chain management 	
Abilities			<ul style="list-style-type: none"> Project future demand for supply chain operations Collaborate with critical supply chain stakeholders to analyse gaps of current supply chain operating models with respect to key performance indicators, current industry best practices and future demand Implement supply chain optimisation plans 	<ul style="list-style-type: none"> Develop appropriate performance indicators for supply chain operation management Develop optimisation plans for supply chain operating models to close identified gaps, taking into account customer needs Simulate optimisation plans for supply chain operation with models such as conducting experiments with different parameters in terms of 	<ul style="list-style-type: none"> Formulate priorities in measuring key performance of supply chain operations management Formulate supply chain operations strategies to meet customer needs Evaluate proposed supply chain operating models by business impact, ensure marketing competitiveness and meeting future customer needs 	

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

				<p>order quantity and lead time for inventory models</p> <ul style="list-style-type: none">• Adopt integrated solution approaches to manage supply chain	<ul style="list-style-type: none">• Drive implementation of supply chain operation optimisation models	
--	--	--	--	--	--	--