

**Skills Framework for Aerospace**  
**Programmes that broaden or deepen specific skills and knowledge**  
**for the various occupations in the sector**

**Manufacturing**

Occupation:  
**Senior Quality Engineer**

Full Qualification Programme	Provider
	N/A

Skill Category	Modular Programme	Provider
<b>Technical and Engineering Fundamentals</b>	Apply Human Factors Principles	SIA ENGINEERING COMPANY LIMITED AIR TRANSPORT TRAINING COLLEGE PTE LTD
	Apply Principles of Electrical Fundamentals (Advanced)	SIA ENGINEERING COMPANY LIMITED
	Select Aerospace Materials and Hardware (Advanced)	SIA ENGINEERING COMPANY LIMITED
	Perform Aerospace Maintenance Practices (Advanced)	SIA ENGINEERING COMPANY LIMITED
	Engineering Optics and Optical Measurements	SINGAPORE INSTITUTE OF MANUFACTURING TECHNOLOGY
	Image Processing and Industrial Vision Inspection	SINGAPORE INSTITUTE OF MANUFACTURING TECHNOLOGY
<b>Productivity and Innovation</b>	Implement Lean Six Sigma	LEARNERS HUB PTE. LTD. NEVILLE-CLARKE (SINGAPORE) PTE LIMITED SERVICE QUALITY CENTRE PTE. LTD. SMF CENTRE FOR CORPORATE LEARNING PTE. LTD. TRAINING VISION INSTITUTE PTE. LTD. SSA CONSULTING GROUP PTE. LTD. SINGAPORE NATIONAL EMPLOYERS FEDERATION SINGAPORE MANUFACTURING FEDERATION KAPLAN PROFESSIONAL EVEREST INNOVATION PTE. LTD.
	Manage Productivity Improvement to Achieve Business Objectives	SMF CENTRE FOR CORPORATE LEARNING PTE. LTD. ASCENDO CONSULTING PTE. LTD.
	Apply Failure Mode Effect and Analysis (FMEA)	SMF CENTRE FOR CORPORATE LEARNING PTE. LTD. LEARNERS HUB PTE. LTD. NEVILLE-CLARKE (SINGAPORE) PTE LIMITED NTUC LEARNINGHUB PTE. LTD.
	Manage Process Improvement	ELECTRONICS INDUSTRIES TRAINING CENTRE INSTITUTE OF PROCESS INDUSTRY (IPI) - A DIVISION OF ASPRI LEARNERS HUB PTE. LTD. SERVICE QUALITY CENTRE PTE. LTD. SMF CENTRE FOR CORPORATE LEARNING PTE. LTD. SSA CONSULTING GROUP PTE. LTD. TRAINING VISION INSTITUTE PTE. LTD. CAPELLE ACADEMY PTE. LTD. NTUC LEARNINGHUB PTE. LTD. SINGAPORE NATIONAL EMPLOYERS FEDERATION SUPPLY CHAIN & LOGISTICS ACADEMY PTE. LTD. SUPPLY CHAIN ASIA COMMUNITY LTD. SINGAPORE INSTITUTE OF MATERIALS MANAGEMENT SINGAPORE MANUFACTURING FEDERATION KAPLAN PROFESSIONAL ASCENDO CONSULTING PTE. LTD. TEMASEK POLYTECHNIC
	Apply ISO 9001 Quality Management System (QMS) to Audit Requirements	CERTIFICATION INTERNATIONAL (SINGAPORE) PTE LTD TECS FIRE & SAFETY TRAINING PTE. LTD. EQS ASIA PTE LTD
	Conduct Internal Audit on Management System	ABSOLUTE KINETICS CONSULTANCY PTE LTD CERTIFICATION INTERNATIONAL (SINGAPORE) PTE LTD EQS ASIA PTE LTD TECS FIRE & SAFETY TRAINING PTE. LTD.
	Manage Quality System and Processes	INSTITUTE OF PROCESS INDUSTRY (IPI) - A DIVISION OF ASPRI LEARNERS HUB PTE. LTD. SERVICE QUALITY CENTRE PTE. LTD. SMF CENTRE FOR CORPORATE LEARNING PTE. LTD. SSA CONSULTING GROUP PTE. LTD. TRAINING VISION INSTITUTE PTE. LTD. SINGAPORE INSTITUTE OF MATERIALS MANAGEMENT ELECTRONICS INDUSTRIES TRAINING CENTRE SINGAPORE MANUFACTURING FEDERATION CAPELLE ACADEMY PTE. LTD. KAPLAN PROFESSIONAL,NTUC LEARNINGHUB PTE. LTD.

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TEMASEK POLYTECHNIC

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	Geometric Dimensioning & Tolerancing	SINGAPORE INSTITUTE OF MANUFACTURING TECHNOLOGY
	Dimensional Measurements and Nano-scale Metrology	SINGAPORE INSTITUTE OF MANUFACTURING TECHNOLOGY
	Manage Advanced Metrology and Quality Assurance	NANYANG POLYTECHNIC
<b>Workplace Safety and Health</b>	Develop a Workplace Safety and Health Management System (WSHMS) Implementation Plan	BUILDING AND CONSTRUCTION AUTHORITY
		TAT HONG TRAINING SERVICES PTE LTD
		BOND INTERNATIONAL CONSULTANTS PTE LTD
		ESIS ACADEMY PTE. LTD.
		NTUC LEARNINGHUB PTE. LTD.
		QESH CONSULTANTS (PTE.) LTD.
		SERVICE QUALITY CENTRE PTE. LTD.
		A2V CONSTRUCTION SERVICES PTE LTD
		ABSOLUTE KINETICS CONSULTANCY PTE LTD
		AVANTA GLOBAL PTE. LTD.
		COMAT TRAINING SERVICES PTE LTD
		CONCORD ASSOCIATES PTE. LTD.
		EQS ASIA PTE LTD
		GREENSAFE INTERNATIONAL PTE. LTD.
		LEARNERS HUB PTE. LTD.
		MASS EDUCATION INSTITUTE PTE. LTD.
		SINGAPORE INSTITUTION OF SAFETY OFFICERS (SISO)
		ST ELECTRONICS (E-SERVICES) PTE. LTD.
		TEAM-6 SAFETY TRAINING & CONSULTANCY (S) PTE. LTD.
		INTERNATIONAL SAFETY RESOURCE CENTRE PTE. LTD.
		THE SINGAPORE CONTRACTORS ASSOCIATION LIMITED
		INTEGRATED TRAINING CONSULTANTS PTE. LTD.
		CCIS SINGAPORE PTE LTD
		QUEBEE SAFETY TRAINING HUB PTE. LTD.
		ASSOCIATES CONSULTING PTE LTD
HONG TECH CONSULTANT PTE LTD		
ASCENDO CONSULTING PTE. LTD.		
<b>Planning and Implementation</b>	Display Critical Thinking and Analytical Skills	KAPLAN PROFESSIONAL
		CAPELLE ACADEMY PTE. LTD.
		INSTITUTE OF SINGAPORE CHARTERED ACCOUNTANTS
		SINGAPORE NATIONAL EMPLOYERS FEDERATION
		AUSTON INSTITUTE OF MANAGEMENT PTE. LTD.
<b>Project Management</b>	Apply Project Management Skills	INSTITUTE OF PROCESS INDUSTRY (IPI) - A DIVISION OF ASPRI
		LEARNERS HUB PTE. LTD.
		SINGAPORE MANUFACTURING FEDERATION
		SMF CENTRE FOR CORPORATE LEARNING PTE. LTD.
		SUPPLY CHAIN & LOGISTICS ACADEMY PTE. LTD.
		SINGAPORE INSTITUTE OF MATERIALS MANAGEMENT
		SUPPLY CHAIN ASIA COMMUNITY LTD.
		NTUC LEARNINGHUB PTE. LTD.
		ELECTRONICS INDUSTRIES TRAINING CENTRE
		PUBLIC UTILITIES BOARD
		TEMASEK POLYTECHNIC
		SINGAPORE NATIONAL EMPLOYERS FEDERATION
		Manage Project Team
BOCA PERFORMANCE IMPROVEMENT ASIA PTE. LTD.		
Manage Project Stakeholder Relations	BOCA PERFORMANCE IMPROVEMENT ASIA PTE. LTD.	
Manage Project Timeline	CAPELLE ACADEMY PTE. LTD.	
Manage Project Risk	SFIC INSTITUTE PTE. LTD.	
		SINGAPORE INSTITUTE OF MANAGEMENT (SIM)
		SINGAPORE NATIONAL EMPLOYERS FEDERATION
		LOYAL RELIANCE PTE. LTD.
		CAPELLE ACADEMY PTE. LTD.
		COLD STORAGE SINGAPORE (1983) PTE LTD
		MENDAKI SOCIAL ENTERPRISE NETWORK SINGAPORE PTE. LTD.
		PACE O.D. CONSULTING PTE. LTD.
		SINGAPORE CHINESE CHAMBER INSTITUTE OF BUSINESS

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<b>Leadership</b>	Lead Teams Leaders to Develop Business Strategies and Governance Management	PACE O.D. ACADEMY PTE. LTD.	
		TRAINING MASTERS WORKFORCE INSTITUTE PTE LTD	
		SERAPHCORP INSTITUTE PTE. LTD.	
		ONG TENG CHEONG LABOUR LEADERSHIP INSTITUTE	
		KAPLAN PROFESSIONAL	
		TRAINING VISION INSTITUTE PTE. LTD.	
		IMAGE INSTITUTE OF LEARNING AND DEVELOPMENT PTE. LTD.	
		SDC CONSULTING	
		TOURISM MANAGEMENT INSTITUTE OF SINGAPORE PTE LTD	
		NTUC LEARNINGHUB PTE. LTD.	
<b>Human Resource</b>	Appraise/Evaluate Staff	WILLIAM ANGLISS INSTITUTE PTE. LTD.	
		IFI ACADEMY PTE. LTD.	
		TEMASEK POLYTECHNIC	
		ASIAN CULINARY INSTITUTE OF SINGAPORE	
<b>Human Resource</b>	Develop On-the-job Training Programme	SINGAPORE SPA INSTITUTE PTE. LTD.	
		SHATEC INSTITUTES PTE. LTD.	
		INSTITUTE FOR ADULT LEARNING (IAL)	
<b>Human Resource</b>	Develop and Review Competency-based Assessment	INSTITUTE FOR ADULT LEARNING (IAL)	
		SINGAPORE POLYTECHNIC	
<b>People Management and Development</b>	Develop Personal Effectiveness at Managerial Level	SERVICE QUALITY CENTRE PTE. LTD.	
		SINGAPORE NATIONAL EMPLOYERS FEDERATION	
		SSA CONSULTING GROUP PTE. LTD.	
		TRAINING VISION INSTITUTE PTE. LTD.	
	<b>People Management and Development</b>	Manage Workplace Challenges with Resilience	KAPLAN PROFESSIONAL
			SINGAPORE INSTITUTE OF MANAGEMENT (SIM)
			CAPELLE ACADEMY PTE. LTD.
			KAPLAN PROFESSIONAL
<b>People and Relationship Management</b>	Lead Workplace Communication and Engagement	SSA CONSULTING GROUP PTE. LTD	
		TRAINING VISION INSTITUTE PTE. LTD.	
		SERVICE QUALITY CENTRE PTE. LTD.	
		ROHEI CORPORATION PTE. LTD.	
		IMAGE INSTITUTE OF LEARNING AND DEVELOPMENT PTE. LTD.	
		SINGAPORE INSTITUTE OF MANAGEMENT (SIM)	
		KAPLAN PROFESSIONAL	
		TRAINING VISION INSTITUTE PTE. LTD.	
		EBEN CONSULTANTS (FAR EAST) PTE LTD	
	INSTITUTE OF SINGAPORE CHARTERED ACCOUNTANTS		
	<b>People and Relationship Management</b>	Develop a Work Team	SERVICE QUALITY CENTRE PTE. LTD.
			SINGAPORE NATIONAL EMPLOYERS FEDERATION
			SSA CONSULTING GROUP PTE. LTD.
			NTUC LEARNINGHUB PTE. LTD.
			CAPELLE ACADEMY PTE. LTD.
			SINGAPORE POLYTECHNIC
			THE SINGAPORE CONTRACTORS ASSOCIATION LIMITED
			SINGAPORE INSTITUTION OF SAFETY OFFICERS (SISO)
BUILDING AND CONSTRUCTION AUTHORITY			