

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

**Manufacturing**

Occupation:  
**Quality Engineer**

Full Qualification Programme	Provider
Diploma in Engineering (Aerospace Manufacturing) Precision Engineering Master Craftsman (PeMC) Diploma in Engineering (Mechatronic)	NANYANG POLYTECHNIC
Diploma in Engineering (Mechatronics)	NGEE ANN POLYTECHNIC
Diploma in Engineering (Mechanical Technology) Diploma in Engineering (Mechanical - Rapid Transit Technology) WSQ Diploma in Precision Engineering -Mechatronics & Robotics Track (DMRO) WSQ Diploma in Precision Engineering - Machinery & System Track (M&S) Dip in Engineering (Control & Automation) Dip in Engineering (Power Engineering) Dip in Power System Engineering	SINGAPORE POLYTECHNIC
Diploma in Engineering (Aerospace)	TEMASEK POLYTECHNIC

Skill Category	Modular Programme	Provider		
	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		
<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		
	Supervise Work Improvement Processes		NTUC LEARNINGHUB PTE. LTD.	
			SINGAPORE POLYTECHNIC	
			KAPLAN PROFESSIONAL	
			FLEXI INDUSTRIAL SAFETY TRAINING PTE. LTD.	
			SERVICE QUALITY CENTRE PTE. LTD.	
SINGAPORE INSTITUTE OF MATERIALS MANAGEMENT				
SINGAPORE MANUFACTURING FEDERATION				
SMF CENTRE FOR CORPORATE LEARNING PTE. LTD.				
TEXTILE AND FASHION INDUSTRY TRAINING CENTRE PTE LTD				
TRAINING VISION INSTITUTE PTE. LTD.				
PETROFAC TRAINING INSTITUTE PTE. LTD.				
SINGAPORE TECHNOLOGIES MARINE LTD				
SSA CONSULTING GROUP PTE. LTD.				
SP TRAINING AND CONSULTANCY COMPANY PTE. LTD.				
AIR TRANSPORT TRAINING COLLEGE PTE LTD				
ELECTRONICS INDUSTRIES TRAINING CENTRE				
SINGAPORE NATIONAL EMPLOYERS FEDERATION				
YOKOGAWA ENGINEERING ASIA PTE LTD				
		INSTITUTE OF PROCESS INDUSTRY (IPI) - A DIVISION OF ASPRI		
		NTUC LEARNINGHUB PTE. LTD.		
		LIGHTHOUSE GLOBAL TRAINING AND CONSULTANCY PTE. LTD.		
		SIA ENGINEERING COMPANY LIMITED		
		TAT HONG TRAINING SERVICES PTE LTD		
		SP GLOBAL SOLUTIONS PTE. LTD.		
				ELECTRONICS INDUSTRIES TRAINING CENTRE
				INSTITUTE OF PROCESS INDUSTRY (IPI) - A DIVISION OF ASPRI
				LEARNERS HUB PTE. LTD.

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<b>Quality</b>	Manage Process Improvement	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	Conduct Internal Audit on Management System	CERTIFICATION INTERNATIONAL (SINGAPORE) PTE LTD
TECS FIRE & SAFETY TRAINING PTE. LTD.				
EQS ASIA PTE LTD				
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	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.		
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
Workplace Safety and Health	Supervise Workplace Safety and Health Practices	MASS EDUCATION INSTITUTE PTE. LTD.
		PETROFAC TRAINING INSTITUTE PTE. LTD.
INTEGRATED TRAINING CONSULTANTS PTE. LTD.		
SINGAPORE INSTITUTE OF MATERIALS MANAGEMENT		
SP TRAINING AND CONSULTANCY COMPANY PTE. LTD.		
SMF CENTRE FOR CORPORATE LEARNING PTE. LTD.		
DAIKIN AIRCONDITIONING (SINGAPORE) PTE. LTD.		
TEMASEK POLYTECHNIC		
AIR TRANSPORT TRAINING COLLEGE PTE LTD		
ELECTRONICS INDUSTRIES TRAINING CENTRE		
NTUC LEARNINGHUB PTE. LTD.		
SINGAPORE MANUFACTURING FEDERATION		
SINGAPORE POLYTECHNIC		
SSA CONSULTING GROUP PTE. LTD.		
YOKOGAWA ENGINEERING ASIA PTE LTD		
INSTITUTE OF PROCESS INDUSTRY (IPI) - A DIVISION OF ASPRI		
FLEXI INDUSTRIAL SAFETY TRAINING PTE. LTD.		
SINGAPORE TECHNOLOGIES MARINE LTD		
TAT HONG TRAINING SERVICES PTE LTD		
SIA ENGINEERING COMPANY LIMITED		
SP GLOBAL SOLUTIONS PTE. LTD.		
Workplace Safety and Health	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.		
Planning and Implementation	Display Critical Thinking and Analytical Skills	KAPLAN PROFESSIONAL
		CAPELLE ACADEMY PTE. LTD.
		INSTITUTE OF SINGAPORE CHARTERED ACCOUNTANTS
		SINGAPORE NATIONAL EMPLOYERS FEDERATION
Project Management	Apply Project Management Skills	AUSTON INSTITUTE OF MANAGEMENT PTE. LTD.
		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.		

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	NTUC LEARNINGHUB PTE. LTD. ELECTRONICS INDUSTRIES TRAINING CENTRE PUBLIC UTILITIES BOARD TEMASEK POLYTECHNIC SINGAPORE NATIONAL EMPLOYERS FEDERATION	
<b>Leadership</b>	Lead Teams Leaders to Develop Business Strategies and Governance Management 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 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 SINGAPORE SPA INSTITUTE PTE. LTD. SHATEC INSTITUTES PTE. LTD.
	Develop On-the-job Training Programme	INSTITUTE FOR ADULT LEARNING (IAL)
	Assess Competence	INSTITUTE FOR ADULT LEARNING (IAL) CENTER FOR COMPETENCY-BASED LEARNING AND DEVELOPMENT PTE. LTD. SINGAPORE TRAINING & DEVELOPMENT ASSOCIATION (STADA) SIGMA SOLUTIONS HRD CONSULTANTS PTE. LTD.
	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. KAPLAN PROFESSIONAL SINGAPORE INSTITUTE OF MANAGEMENT (SIM) CAPELLE ACADEMY PTE. LTD.
	Manage Workplace Challenges with Resilience	KAPLAN PROFESSIONAL SSA CONSULTING GROUP PTE. LTD TRAINING VISION INSTITUTE PTE. LTD. SERVICE QUALITY CENTRE PTE. LTD. ROHEI CORPORATION PTE. LTD.
<b>People and Relationship Management</b>	Lead Workplace Communication and Engagement	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 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)

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**Manufacturing**

Occupation:  
**Quality Engineer**

	Develop a Work Team	BUILDING AND CONSTRUCTION AUTHORITY
		ROHEI CORPORATION PTE. LTD.
		SSA CONSULTING GROUP PTE. LTD.
		TRAINING VISION INSTITUTE PTE. LTD.
		SERVICE QUALITY CENTRE PTE. LTD.
		SINGAPORE NATIONAL EMPLOYERS FEDERATION
		SINGAPORE INSTITUTE OF MANAGEMENT (SIM)
		KAPLAN PROFESSIONAL
		CAPELLE ACADEMY PTE. LTD.