

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

**Aircraft
Engine /
Component
Maintenance**

Occupation:

Senior Technician (Engine/Engine Component Repair and Overhaul)

Full Qualification Programme	Provider
Diploma in Engineering (Aerospace Manufacturing)	NANYANG POLYTECHNIC
Diploma in Engineering (Mechatronics) Diploma in Engineering (Marine)	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)	SINGAPORE POLYTECHNIC

Skill Category	Modular Programme	Provider	
Maintenance	Perform General Workshop Practice	TEMASEK POLYTECHNIC	
	Maintain Sheet Metal Structures	TEMASEK POLYTECHNIC	
		AIR TRANSPORT TRAINING COLLEGE PTE LTD SIA ENGINEERING COMPANY LIMITED	
	Perform Electrical Terminations and Connections	TEMASEK POLYTECHNIC SINGAPORE POLYTECHNIC AIR TRANSPORT TRAINING COLLEGE PTE LTD SIA ENGINEERING COMPANY LIMITED	
		Perform Electrical Measurements	AIR TRANSPORT TRAINING COLLEGE PTE LTD TEMASEK POLYTECHNIC SINGAPORE POLYTECHNIC SIA ENGINEERING COMPANY LIMITED
			Disassemble and Assemble Engine
	Clean Engine Parts		
	Inspect Engine Component Parts	TEMASEK POLYTECHNIC AIR TRANSPORT TRAINING COLLEGE PTE LTD SIA ENGINEERING COMPANY LIMITED	
		Manufacturing Processes	Handle, Inspect and Pack Engines & Components
	Rig & De-rig Engine for Test		TEMASEK POLYTECHNIC SIA ENGINEERING COMPANY LIMITED
Technical and Engineering Fundamentals	Apply Human Factors Principles	SIA ENGINEERING COMPANY LIMITED	
		AIR TRANSPORT TRAINING COLLEGE PTE LTD	
Specialised Processes	Perform Liquid Penetrant Inspection (Advanced)	SETSCO SERVICES PTE LTD	
	Perform Magnetic Particle Inspection (Advanced)	SETSCO SERVICES PTE LTD	
	Perform Eddy Current Inspection (Advanced)	SETSCO SERVICES PTE LTD	
	Perform Ultrasonic Inspection (Advanced)	SETSCO SERVICES PTE LTD	
	Perform Radiographic Inspection (Advanced)	SETSCO SERVICES PTE LTD	
Operations	Use Hand Tools	NTUC LEARNINGHUB PTE. LTD.	
		ST ELECTRONICS (E-SERVICES) PTE. LTD.	
		ELECTRONICS INDUSTRIES TRAINING CENTRE	
		SINGAPORE NATIONAL EMPLOYERS FEDERATION	
		SMF CENTRE FOR CORPORATE LEARNING PTE. LTD.	
		SSA CONSULTING GROUP PTE. LTD.	
		AIR TRANSPORT TRAINING COLLEGE PTE LTD	
		TEMASEK POLYTECHNIC	
		SINGAPORE MANUFACTURING FEDERATION	
		INSTITUTE OF TECHNICAL EDUCATION	
SIA ENGINEERING COMPANY LIMITED			
	NTUC LEARNINGHUB PTE. LTD.		

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Occupation: Senior Technician (Engine/Engine Component Repair and Overhaul)		
Aircraft Engine / Production	Operate Basic Measuring Devices	ST ELECTRONICS (E-SERVICES) PTE. LTD. AIR TRANSPORT TRAINING COLLEGE PTE LTD ELECTRONICS INDUSTRIES TRAINING CENTRE SMF CENTRE FOR CORPORATE LEARNING PTE. LTD. SSA CONSULTING GROUP PTE. LTD. TEMASEK POLYTECHNIC SINGAPORE MANUFACTURING FEDERATION INSTITUTE OF TECHNICAL EDUCATION SINGAPORE NATIONAL EMPLOYERS FEDERATION SIA ENGINEERING COMPANY LIMITED
	Set-up and Operate Coordinate Measuring Machine	CARL ZEISS PTE. LTD. INSTITUTE OF TECHNICAL EDUCATION
Workplace Safety and Health	Perform Basic Safety Practices and Documentation	TEMASEK POLYTECHNIC SINGAPORE POLYTECHNIC MIL-COM AEROSPACE PTE LTD AVIATIONLEARN PTE. LTD. SIA ENGINEERING COMPANY LIMITED AIR TRANSPORT TRAINING COLLEGE PTE LTD
	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.
	Apply Quality Systems	AIR TRANSPORT TRAINING COLLEGE PTE LTD TEXTILE AND FASHION INDUSTRY TRAINING CENTRE PTE LTD SINGAPORE TECHNOLOGIES MARINE LTD ELECTRONICS INDUSTRIES TRAINING CENTRE SINGAPORE NATIONAL EMPLOYERS FEDERATION MASS EDUCATION INSTITUTE PTE. LTD. TAT HONG TRAINING SERVICES PTE LTD FESTO PRIVATE LIMITED GLOBAL SCHOOL OF TECHNOLOGY & MANAGEMENT AVANTA GLOBAL PTE. LTD. EDUQUEST INTERNATIONAL INSTITUTE PTE. LTD. FLEXI INDUSTRIAL SAFETY TRAINING PTE. LTD. LEARNERS HUB PTE. LTD. PUBLIC UTILITIES BOARD SERVICE QUALITY CENTRE PTE. LTD. SINGAPORE INSTITUTE OF MATERIALS MANAGEMENT

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**Aircraft
Engine /**

Occupation:

Senior Technician (Engine/Engine Component Repair and Overhaul)

Quality		SMF CENTRE FOR CORPORATE LEARNING PTE. LTD.
		TRAINING VISION INSTITUTE PTE. LTD.
		WONG FONG ACADEMY PTE. LTD.
		INSTITUTE OF TECHNICAL EDUCATION
		NANYANG POLYTECHNIC
		PSA CORPORATION LIMITED
		YOKOGAWA ENGINEERING ASIA PTE LTD
		SSA CONSULTING GROUP PTE. LTD.
		NTUC LEARNINGHUB PTE. LTD.
		SINGAPORE MANUFACTURING FEDERATION
		INSTITUTE OF PROCESS INDUSTRY (IPI) - A DIVISION OF ASPRI
		SP CONSULTING (INTERNATIONAL) PTE LTD
		KAPLAN PROFESSIONAL
		SIA ENGINEERING COMPANY LIMITED
		SFIC INSTITUTE PTE. LTD.
	KAPLAN PROFESSIONAL	
	FLEXI INDUSTRIAL SAFETY TRAINING PTE. LTD.	
	MASS EDUCATION INSTITUTE PTE. LTD.	
	SERVICE QUALITY CENTRE PTE. LTD.	
	SINGAPORE INSTITUTE OF MATERIALS MANAGEMENT	
	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.	
	AIR TRANSPORT TRAINING COLLEGE PTE LTD	
	ELECTRONICS INDUSTRIES TRAINING CENTRE	
	NTUC LEARNINGHUB PTE. LTD.	
	SINGAPORE MANUFACTURING FEDERATION	
	SINGAPORE NATIONAL EMPLOYERS FEDERATION	
	SINGAPORE POLYTECHNIC	
	YOKOGAWA ENGINEERING ASIA PTE LTD	
	INSTITUTE OF PROCESS INDUSTRY (IPI) - A DIVISION OF ASPRI	
	SIA ENGINEERING COMPANY LIMITED	
	TAT HONG TRAINING SERVICES PTE LTD	
	INSTITUTE OF TECHNICAL EDUCATION	
	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.	
	NEVILLE-CLARKE (SINGAPORE) PTE LIMITED	
	TAT HONG TRAINING SERVICES PTE LTD	
	SIA ENGINEERING COMPANY LIMITED	
	NEVILLE-CLARKE (SINGAPORE) PTE LIMITED	
	TAT HONG TRAINING SERVICES PTE LTD	
	SIA ENGINEERING COMPANY LIMITED	
	SINGAPORE POLYTECHNIC	
	KAPLAN PROFESSIONAL	
	FLEXI INDUSTRIAL SAFETY TRAINING PTE. LTD.	
	SERVICE QUALITY CENTRE PTE. LTD.	

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Aircraft Engine /	Supervise Work Improvement Processes	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.
	Supervise Work Improvement Processes	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.
Productivity and Innovation	Supervise Work Improvement Processes	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.
Planning and Implementation	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.
Human Resource	Facilitate Workplace Learning	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)

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Occupation: Senior Technician (Engine/Engine Component Repair and Overhaul)			
Aircraft Engine /		SIGMA SOLUTIONS HRD CONSULTANTS PTE. LTD.	
	People Management and Development	Apply Emotional Competence to Manage Self and Team at the Workplace	MENDAKI SOCIAL ENTERPRISE NETWORK SINGAPORE PTE. LTD.
			SERVICE QUALITY CENTRE PTE. LTD.
			SSA CONSULTING GROUP PTE. LTD.
			TRAINING VISION INSTITUTE PTE. LTD.
			KAPLAN PROFESSIONAL
			EAGLE INFOTECH CONSULTANTS PTE LTD
	People and Relationship Management	Develop Personal Effectiveness at Supervisory Level	IMAGE INSTITUTE OF LEARNING AND DEVELOPMENT PTE. LTD.
			IMAGE INTERNATIONAL (S) PTE. LTD.
			MENDAKI SOCIAL ENTERPRISE NETWORK SINGAPORE PTE. LTD.
			NANYANG POLYTECHNIC
			SERVICE QUALITY CENTRE PTE. LTD.
			SINGAPORE NATIONAL EMPLOYERS FEDERATION
			SSA CONSULTING GROUP PTE. LTD.
TRAINING VISION INSTITUTE PTE. LTD.			
TRILLION TRAINING (S) PTE LTD			
KAPLAN PROFESSIONAL			
INTEGRATED LEARNING SYSTEMS PTE LTD			
CIVIL SERVICE COLLEGE			
CAPELLE ACADEMY PTE. LTD.			
EAGLE INFOTECH CONSULTANTS PTE LTD			
People and Relationship Management	Facilitate Effective Communication and Engagement at the Workplace	BUILDING AND CONSTRUCTION AUTHORITY	
		GREENSAFE INTERNATIONAL PTE. LTD.	
		SINGAPORE INSTITUTION OF SAFETY OFFICERS (SISO) THE	
		NTUC LEARNINGHUB PTE. LTD.	
		SINGAPORE POLYTECHNIC	
		IMAGE INSTITUTE OF LEARNING AND DEVELOPMENT PTE. LTD.	
		KAPLAN PROFESSIONAL	
		INTEGRATED LEARNING SYSTEMS PTE LTD	
		CIVIL SERVICE COLLEGE	
		CAMBRIAN ACADEMY PTE. LTD.	
		AVANTA GLOBAL PTE. LTD.	
		COMAT TRAINING SERVICES PTE LTD	
		LIGHTHOUSE GLOBAL TRAINING AND CONSULTANCY PTE. LTD.	
		MENDAKI SOCIAL ENTERPRISE NETWORK SINGAPORE PTE. LTD.	
		NANYANG POLYTECHNIC	
		NGEE ANN POLYTECHNIC	
		SERVICE QUALITY CENTRE PTE. LTD.	
		SINGAPORE NATIONAL EMPLOYERS FEDERATION	
	SSA CONSULTING GROUP PTE. LTD.		
	ST ELECTRONICS (E-SERVICES) PTE. LTD.		
	TRAINING VISION INSTITUTE PTE. LTD.		
	TRILLION TRAINING (S) PTE LTD		
	CAPELLE ACADEMY PTE. LTD.		
	EAGLE INFOTECH CONSULTANTS PTE LTD		
Facilitate Effective Work Teams	BUILDING AND CONSTRUCTION AUTHORITY		
	KAPLAN PROFESSIONAL		
	IMAGE INSTITUTE OF LEARNING AND DEVELOPMENT PTE. LTD.		
	MENDAKI SOCIAL ENTERPRISE NETWORK SINGAPORE PTE. LTD.		
	SERVICE QUALITY CENTRE PTE. LTD.		
	SSA CONSULTING GROUP PTE. LTD.		

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Aircraft Engine /	Occupation: Senior Technician (Engine/Engine Component Repair and Overhaul)	TRAINING VISION INSTITUTE PTE. LTD. TRILLION TRAINING (S) PTE LTD CAMBRIAN ACADEMY PTE. LTD. EAGLE INFOTECH CONSULTANTS PTE LTD
	Analytical, Conceptual and Evaluative	Solve Problems and Make Decisions at Supervisory Level