

Skills Framework for Biopharmaceuticals Manufacturing

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

Quality Assurance and Quality Control

Job Role:

Quality Control Laboratory Analyst/Chemist/Microbiologist

Full Qualification Programme	Provider
Advanced Diploma in Medical and Pharmaceutical Technology	Ngee Ann Polytechnic
Post-Diploma Certificate in Biopharmaceutical Manufacturing	
Post-Diploma Certificate in Cell and Molecular Biology	
Post-Diploma Certificate in Microbiological and Pharmaceutical Analyses	
Post-Diploma Certificate in Pharmaceutical Quality System	
Advanced Diploma in Applied Food Science (Earn & Learn)	Singapore Polytechnic
Development & Apprenticeship Programme: DNA (Biologics) and DNA (Pharmaceuticals)	
Diploma in Applied Science (Industrial Chemistry and Life Sciences)	
Local Biologics Skills Training Programme (WSQ Higher Cert in Process Manufacturing – Biologics)	
Specialist Diploma in Microbiology	Singapore Polytechnic

Technical Skills and Competencies (TSC)			Modular Programmes	Providers
Category	Title	Proficiency Level		
Health, Safety and Environment	Biorisk Management	3	Follow Good Biosafety Practices	Ngee Ann Polytechnic
			Singapore Polytechnic	
			Ted Traum Institute	
			World Biohaztec Pte Ltd	
Quality Control	Laboratory Data Analysis	3	Process and Evaluate Laboratory Data	Yokogawa Engineering Asia Pte Ltd

Generic Skills and Competencies (GSC)		Modular Programmes	Providers
Title	Proficiency Level		
		Facilitate Effective Communication and Engagement at the Workplace	Absolute Kinetics Consultancy Pte Ltd
		Develop Self	Bootstrap Pte Ltd
		People Leadership Program	Capelle Academy Pte Ltd
		Leading through People	Capelle Academy Pte Ltd
		Manage Self	Charles Mann Training and Consultancy Pte Ltd
		Facilitate Effective Communication and Engagement at the Workplace	Comat Training Services Pte Ltd
		Lead Workplace Communication and Engagement	Eben Consultants (Far East) Pte Ltd
		Facilitate Effective Communication and Engagement at the Workplace	E-Square Communication and Management Training Consultancy
		Decision Making & Self Mastery	Everest Innovation Pte Ltd
		Be an Achiever: Manage Self	Image Institute of Learning and Development Pte Ltd
		ES WSQ Effective Interactive and Relationship Management (Supervisory)	Integrated Learning Systems Pte Ltd
		ES-IP-301G-1 Facilitate Effective Communication & Engagement at the Workplace	Kaplan Professional
		ES-IP-401G-1 Lead Workplace Communication and Engagement	Kaplan Professional
		Manage Self	Kaplan Professional
		Develop Self	Kaplan Professional
		Facilitate Effective Communication and Engagement at the Workplace	Mendaki Social Enterprise Network Singapore Pte Ltd
		Manage Self	Mendaki Social Enterprise Network Singapore Pte Ltd
		Develop Self	Mendaki Social Enterprise Network Singapore Pte Ltd
		Facilitate Effective Communication and Engagement at the Workplace	Nanyang Polytechnic

Communication	Intermediate	Facilitate Effective Communication and Engagement at the Workplace	Ngee Ann Polytechnic		
		Lead Workplace Communication and Engagement	Ngee Ann Polytechnic		
		Facilitate Effective Communication and Engagement at the Workplace (ES-IP-301G-1)	NTUC LearningHub Pte Ltd		
		Lead Workplace Communication and Engagement (ES-IP-401G-1)	NTUC LearningHub Pte Ltd		
		Manage Self	NTUC LearningHub Pte Ltd		
		Develop Self powered by John Maxwell	NTUC LearningHub Pte Ltd		
		Facilitate Effective Communication and Engagement at the Workplace	PSB Corporation Pte Ltd		
		Manage Self	Raffles Skills Lab International Training Centre Pte Ltd		
		Manage Self	SeraphCorp Institute Pte Ltd		
		Develop Self	SeraphCorp Institute Pte Ltd		
		Facilitate Effective Communication and Engagement at the Workplace	Service Quality Centre Pte Ltd		
		Lead Workplace Communication and Engagement	Service Quality Centre Pte Ltd		
		Manage Self	Singapore Chinese Chamber Institute of Business		
		Develop Self	Singapore Chinese Chamber Institute of Business		
		Developing Self Effectiveness for Business Performance	Singapore Institute of Management		
		The Facilitative Leader of Self-Managed Teams	Singapore National Employers Federation		
		Creative Leadership and Self Development Skills	Singapore National Employers Federation		
		Facilitate Effective Communication and Engagement at the Workplace	The National University of Singapore Society		
		Develop Self to Maintain Professional Competence at Managerial Level	Training Masters Workforce Institute Pte Ltd		
		Facilitate Effective Communication and Engagement at the Workplace	Training Vision Institute Pte Ltd		
		Facilitate Effective Communication and Engagement at the Workplace (Contextualised)	Training Vision Institute Pte Ltd		
		Lead Workplace Communication and Engagement (Contextualised)	Training Vision Institute Pte Ltd		
		Lead workplace communication and engagement	Training Vision Institute Pte Ltd		
		Facilitate Effective Communication and Engagement at the Workplace	Trillion Training (S) Pte Ltd		
		Lead Workplace Communication and Engagement	Trust Management Centre		
		Decision Making	Intermediate	Develop Self	Bootstrap Pte Ltd
				Leading through People	Capelle Academy Pte Ltd
Develop Self	Kaplan Professional				
Develop Self	Mendaki Social Enterprise Network Singapore Pte Ltd				
Develop Self powered by John Maxwell	NTUC LearningHub Pte Ltd				
Develop Self	SeraphCorp Institute Pte Ltd				
Develop Self	Singapore Chinese Chamber Institute of Business				
Developing Self Effectiveness for Business Performance	Singapore Institute of Management				
Creative Leadership and Self Development Skills	Singapore National Employers Federation				
Problem Solving	Intermediate	Solve Problems & Make Decisions at Supervisory Level	Absolute Kinetics Consultancy Pte Ltd		
		Solve Problems and Make Decisions at Supervisory Level	Avanta Global Pte Ltd		
		Solve Problems and Make Decisions at Supervisory Level	Capelle Academy Pte Ltd		
		Eradicating Problems and Making Effective Decisions	Capelle Academy Pte Ltd		
		Solve Problems & Make Decisions at Supervisory level	CBM Pte Ltd		
		ES WSQ Solve Problems and Make Decisions at Supervisory Level (Level 3)	Civil Service College		
		Solve Problems and Make Decisions at Supervisory Level	Comat Training Services Pte Ltd		
		WSQ Solve Problems and Make Decisions at Supervisory Level	Eagle Infotech Consultants Pte Ltd		
		Solve Problems and Make Decisions at Supervisory Level	E-Square Communication and Management Training Consultancy		
		Solve Problems and Make Decisions at Supervisory Level	Ever Safe Consultants Pte Ltd		
		'Effective Problem Solving and Decision Making'	Everest Innovation Pte Ltd		
		Solve Problems and Make Decisions at Supervisory Level	Greensafe International Pte Ltd		
		ES WSQ Systematic Problem Solving & Decision Making (Supervisory Level)	Integrated Learning Systems Pte Ltd		
		Solve Problems and Make Decisions for Supervisors	Lighthouse Global Training and Consultancy Pte Ltd		

		Solve Problems and Make Decisions at Supervisory Level	Mendaki Social Enterprise Network Singapore Pte Ltd
		Solve Problems and Make Decisions at Supervisory Level	Nanyang Polytechnic
		Solve Problems and Make Decisions at Managerial Level (ES-ACE-402G-1)	NTUC Learning Hub Pte Ltd
		Solve Problems and Make Decisions at Supervisory Level (ES-ACE-302G-1)	NTUC LearningHub Pte Ltd
		Solve Problems and Make Decisions at Managerial Level	Service Quality Centre Pte Ltd
		Innovative Problem Solving and Decision Making	Singapore Institute of Management
		Solve Problems and Make Decisions at Supervisory Level	Singapore National Employers Federation
		Solve Problems and Make Decisions at Managerial Level	Singapore National Employers Federation
		Solve Problems and Make Decisions at Supervisory Level	Singapore Polytechnic
		Solve Problems & Make Decisions at Supervisory Level	SSA Consulting Group Pte Ltd
		Solve Problems and Make Decisions at Managerial Level	SSA Consulting Group Pte Ltd
		Solve Problems and Make Decisions at Supervisory Level	Trillion Training (S) Pte Ltd
		Solve Problems and Make Decisions at Supervisory Level	U-Training Centre Pte Ltd
Sense Making	Intermediate	Manage Service Performance	Andalus Corporation Pte Ltd
		The Service Coach (Version B)	Capelle Academy Pte Ltd
		Manage Service Performance	Kaplan Professional
		Manage Service Performance	Mendaki Social Enterprise Network Singapore Pte Ltd
		WSQ Manage Service Performance	NTUC Learning Hub Pte Ltd
		Manage Service Performance	Service Quality Centre Pte Ltd
		Manage Service Operations and Performance	Singapore Chinese Chamber Institute of Business
		Manage Service Performance	Training Vision Institute Pte Ltd
		Manage Service Performance	William Angliss Institute Pte Ltd