

Skills Framework for Energy and Chemicals

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

Quality Assurance and Quality Control (QA&QC)

Job Role: Laboratory Technician/Technologist	
Full Qualification Programmes	Providers
(Earn and Learn Programme) Specialist Diploma in Analytical Science	Ngee Ann Polytechnic
Specialist Diploma in Advanced Composites	Republic Polytechnic
(Earn and Learn Programme) Diploma in Applied Science (Pharmaceutical Sciences)	Republic Polytechnic
Modular Certificate in Food Chemistry and Analysis	Republic Polytechnic
Diploma in Applied Science (Nutrition and Food Science)	Republic Polytechnic
(Earn and Learn Programme) Diploma in Applied Science (Chemical Laboratory Technology)	Singapore Polytechnic
Diploma in Applied Science (Industrial Chemistry and Life Sciences)	Singapore Polytechnic
Specialist Diploma in Laboratory Management & Instrumentation	Temasek Polytechnic

Technical Skills and Competencies (TSC)			Modular Programmes	Providers
Category	Title	Proficiency Level		
Data Analytics	Data and Statistical Analytics	2	Validation QC Analytics QA and Documentation	Ngee Ann Polytechnic Ngee Ann Polytechnic Ngee Ann Polytechnic
Health, Safety and Environment Management	Incident Investigation Management	2	Chemical Safety Chemical Safety Quality Assurance & Quality Control	Nanyang Polytechnic Ngee Ann Polytechnic Ngee Ann Polytechnic
Laboratory Management	Sample Management	2	Apply Process Quality Control Techniques Apply Process Quality Control Techniques (AOP) Apply Process Quality Control Techniques WSQ Apply Process Quality Control Techniques	Glaxo Wellcome Manufacturing Pte Ltd Glaxo Wellcome Manufacturing Pte Ltd Temasek Polytechnic Singapore Polytechnic
Health, Safety and Environment Management	Workplace Safety and Health Hazard Identification and Risk Control Management	2	Chemical Safety	Ngee Ann Polytechnic

Generic Skills and Competencies (GSCs)		Modular Programmes	Providers
Title	Proficiency Level		
Teamwork	Basic	Work In A Team	Agb Education Centre Pte Ltd
		WSQ Work in a Team	Eagle Infotech Consultants Pte Ltd
		Work in a Team	Lighthouse Global Training And Consultancy Pte Ltd
		Work in A Team	Mendaki Social Enterprise Network Singapore Pte Ltd
		Work In A Team	Natc Institute Pte Ltd
		Work in a Team	Ntuc Learninghub Pte Ltd
		Work in a Team	Ssa Consulting Group Pte Ltd
Communication	Basic	Work in a Team	Trillion Training (S) Pte Ltd
		Project a Positive and Professional Image (Impress Like a Pro)	Beacon Consulting Pte Ltd
		UPI Your Service: Achieving Superior Service (Version B)	Capelle Academy Pte Ltd
		Winning Service (Version B)	Capelle Academy Pte Ltd
		Workplace Training for Project a Positive and Professional Image	Caretech168 Llp
		Project a Positive and Professional Image	Dsi Academy Pte Ltd
		WSQ Project a Positive and Professional Image	Eagle Infotech Consultants Pte Ltd
		Project a Positive and Professional Image (SVCF-CS-102C-1)	Eben Consultants (Far East) Pte Ltd
		Communicate & Relate Effectively at the Workplace	E-Square Communication And Management Training Consultancy
		Effective Customer Service Skills (Module 1)	Impact Management Seminars Pte Ltd
3 Secrets to Establish Confidence and Professionalism	Impact Management Seminars Pte Ltd		

		ES WSQ Effective Interaction & Relationship Management (Operational)	Integrated Learning Systems Pte Ltd
		Project a Positive and Professional Image	Kaplan Professional
		Communicate & Relate Effectively at the Workplace	Kaplan Professional
		WSQ Workplace Training for "Project A Positive & Professional Image"	Leacov Singapore Pte Ltd
		Communicate and Relate Effectively at the Workplace	Lighthouse Global Training And Consultancy Pte Ltd
Communication	Basic	Communicate and Negotiate Effectively at the Workplace (Operations)	Mendaki Social Enterprise Network Singapore Pte Ltd
		Communicate and Relate Effectively at the Workplace	Mendaki Social Enterprise Network Singapore Pte Ltd
		Communicate and Relate Effectively at the Workplace	Natc Institute Pte Ltd
		WSQ Project a Positive and Professional Image	Ntuc Learning Hub Pte Ltd
		Communicate and Relate Effectively at the Workplace (ES-IP-101G-1)	Ntuc Learninghub Pte Ltd
		Communicate and Relate Effectively at the Workplace	Psb Corporation Pte Ltd
		Extra Mile Professionalism	Rohei Corporation Pte Ltd
		Communicate and Relate Effectively at the Workplace	Rsvp Proguide Pte. Ltd.
		Project a Positive and Professional Image	Service Quality Centre Pte Ltd
		Communicate and Relate Effectively at the Workplace	Service Quality Centre Pte Ltd
		Deliver Personalised Service	Singapore Institute Of Hospitality
		Project a Positive and Professional Image	Singapore Institute Of Retail Studies
		Project a Positive and Professional Image	Singapore National Employers Federation
		Communicate and Relate Effectively at the Workplace	Singapore National Employers Federation
		Communicate and Relate Effectively at the Workplace	Ssa Consulting Group Pte Ltd
		Project a Positive and Professional Image	Studyworks Pte Ltd
		Communicate and Relate Effectively at the Workplace	The National University Of Singapore Society
		Project a Positive and Professional Image	Training Vision Institute Pte Ltd
		Communicate and Relate Effectively at the Workplace	Training Vision Institute Pte Ltd
		Communicate and Relate Effectively at the Workplace	Trillion Training (S) Pte Ltd
Project a Positive and Professional Image	Xperienz Pte Ltd		
Interpersonal Skills	Basic	WSQ Apply Emotional Competence to Manage Self at the Workplace	Eagle Infotech Consultants Pte Ltd
		Apply Emotional Competence to Manage Self at the Workplace	Ssa Consulting Group Pte Ltd
		Apply Emotional Competence to Manage Self	Lighthouse Global Training And Consultancy Pte Ltd
		Apply Emotional Competence to Manage Self at the Workplace	Ntuc Learninghub Pte Ltd
Problem Solving	Basic	Solve Problems and Make Decisions at Operations Level	Agb Education Centre Pte Ltd
		Solve Problems and Make Decisions at Operations Level	Avanta Global Pte Ltd
		Solve Problems and Make Decisions	Capelle Academy Pte Ltd
		ES WSQ Solve Problems and Make Decisions at Operations Level (Level 1)	Civil Service College
		Solve Problems and Make Decisions at Operations Level	Compas Management Consulting Pte Ltd
		WSQ Solve Problems and Make Decisions at Operations Level	Eagle Infotech Consultants Pte Ltd
		Solve Problems and Make Decisions at Operational Level	Eben Consultants (Far East) Pte Ltd
		Solve Problem and Make Decisions at Operations Level	Lighthouse Global Training And Consultancy Pte Ltd
		Solve Problem and Make Decision at Operations Level	Mendaki Social Enterprise Network Singapore Pte Ltd
		ES-ACE-102G-1 Solve Problems and Make Decisions at Operations Level	Natc Institute Pte Ltd
		Solve Problems and Make Decisions at Operations Level (ES-ACE-102G-1)	Ntuc Learninghub Pte Ltd
		Solve Problems and Make Decisions at Operations Level	Singapore National Employers Federation
		Solve Problems and Make Decisions at Operations Level	Singapore Polytechnic
		Solve Problems and Make Decisions at Operations Level	Ssa Consulting Group Pte Ltd
		Solve Problems and Make Decisions at Operations Level	Trillion Training (S) Pte Ltd