

## Skills Framework for Energy and Chemicals

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

Production and Process Engineering

**Job Role:**  
**Superintendent**

Full Qualification Programmes	Providers
N/A	N/A

Technical Skills and Competencies (TSC)			Modular Programmes	Providers
Category	Title	Proficiency Level		
Business and Organisational Management	Change Management	4	Safety Management and Audit	Singapore University Of Social Sciences
			Risk Assessment and Management	Singapore University Of Social Sciences
			Environmental Management & Sustainable Development	Singapore University Of Social Sciences
			Accident and Incident Investigation	Singapore University Of Social Sciences
			Behavioural Based Safety	Singapore University Of Social Sciences
			Safety Standards, Legislations and Best Practices	Singapore University Of Social Sciences
			Fatigue Management	Singapore University Of Social Sciences
Business and Organisational Management	Continuous Improvement Management	4	Quality Assurance & Quality Control	Ngee Ann Polytechnic
			Safety Management and Audit	Singapore University Of Social Sciences
			Risk Assessment and Management	Singapore University Of Social Sciences
			Behavioural Based Safety	Singapore University Of Social Sciences
			Cognitive Systems Engineering	Singapore University Of Social Sciences
Safety, Risk and Resilience Engineering	Singapore University Of Social Sciences			
Emergency Response and Crisis Management	Crisis Management	4	Emergency Preparedness & Response Planning	Singapore University Of Social Sciences
Data Analytics	Data and Statistical Analytics	3	Data Visualisation for Business	Singapore University Of Social Sciences
			Fundamentals of Data Mining	Singapore University Of Social Sciences
			Association and Clustering	Singapore University Of Social Sciences
			Predictive Modelling	Singapore University Of Social Sciences
			Business Analytics Applications	Singapore University Of Social Sciences
			Business Forecasting	Singapore University Of Social Sciences
Emergency Response and Crisis Management	Emergency Response Management	4	Emergency Preparedness & Response Planning	Singapore University Of Social Sciences
			Fire Fighter Course 1	Civil Defence Academy
			IMPLEMENT INCIDENT MANAGEMENT PROCESSES	Civil Defence Academy
			Rota Commander Course	Civil Defence Academy
			Implement Incident Management Process	Absolute Kinetics Consultancy Pte Ltd
			Implement Incident Management Process	A Star Safety Centre Pte. Ltd.
			Implement Incident Management Process	Avanta Global Pte. Ltd.
			Implement Incident Management Process	Glen Iris Tracon Pte. Ltd.
			Implement Incident Management Process	Greencross Safety Fire And Equipment Consultants Pte. Ltd.
			Implement Incident Management Process	Institute Of Process Industry (Ipi) - A Division Of Aspri
			Implement Incident Management Process	Leacov Singapore Pte. Ltd.
			Implement Incident Management Process	Petrochemical Corporation Of Singapore (Private) Limited
			Implement Incident Management Process	Pioneer Training Centre Pte. Ltd.
			Implement Incident Management Process	Singapore Institution Of Safety Officers (Siso) The
			Implement Incident Management Processes	Association Of Company Emergency Response Teams (Singapore)
			Implement Incident Management Processes	Cert Consultancy Group Pte. Ltd.
			Implement Incident Management Processes	Coserm Safety & Security Services Pte. Ltd.
			Implement Incident Management Processes	Flexi Industrial Safety Training Pte. Ltd.
			Implement Incident Management Processes	Greensafe International Pte. Ltd.
			Implement Incident Management Processes	Industrial Training Centre Pte. Ltd.
			Implement Incident Management Processes	Infinity Continuity
			Implement Incident Management Processes	Tecs Fire & Safety Training Pte. Ltd.
			IMPLEMENT INCIDENT MANAGEMENT PROCESSES	Dynamic Safety Pte. Ltd.
			Implement Incident Management Processes Course	Ever Safe Consultants Pte. Ltd.
			WSQ Implement Incident Management Process	Aat Training Hub Pte. Ltd.
			WSQ Implement Incident Management Process	Novexx Pte. Ltd.
WSQ Implement Incident Management Processes	Aesperon Academy Private Limited			
WSQ Implement Incident Management Processes	Skillshq Academy Pte. Ltd.			

			ESTABLISH A BASIC UNDERSTANDING OF CHANGE CONTROL MANAGEMENT	Temasek Polytechnic
Engineering Design and Project Management	Engineering Management of Change	4	ESTABLISH A BASIC UNDERSTANDING OF CHANGE CONTROL MANAGEMENT	Temasek Polytechnic
Engineering Design and Project Management	Engineering Project Management	3	Implement Project Management Skills in Workplace	Institute Of Technical Education
Health, Safety and Environment Management	Environmental Management System Framework Development and Implementation	4	Environmental Management & Sustainable Development	Singapore University Of Social Sciences
Process Operations Management	Process Plant and Equipment Integrity Management	3	Perform Automatic Filter Integrity Testing	Merck Pte. Ltd.
			Perform Automatic Filter Integrity Testing	Temasek Polytechnic
Business and Organisational Management	Third Party Management	4	Safety Management and Audit	Singapore University Of Social Sciences
			Risk Assessment and Management	Singapore University Of Social Sciences
Health, Safety and Environment Management	Workplace Safety and Health Framework Development and Implementation	4	Safety Management and Audit	Singapore University Of Social Sciences
			Risk Assessment and Management	Singapore University Of Social Sciences
			Behavioural Based Safety	Singapore University Of Social Sciences
			Safety Standards, Legislations and Best Practices	Singapore University Of Social Sciences
Health, Safety and Environment Management	Workplace Safety and Health Hazard Identification and Risk Control Management	4	Fatigue Management	Singapore University Of Social Sciences
			Safety Management and Audit	Singapore University Of Social Sciences
			Risk Assessment and Management	Singapore University Of Social Sciences
			Accident and Incident Investigation	Singapore University Of Social Sciences
			Behavioural Based Safety	Singapore University Of Social Sciences
			Safety Standards, Legislations and Best Practices	Singapore University Of Social Sciences
			Fatigue Management	Singapore University Of Social Sciences
			Occupational Biomechanics	Singapore University Of Social Sciences
			Workplace Evaluation and Design	Singapore University Of Social Sciences
			Cognitive Systems Engineering	Singapore University Of Social Sciences
Safety, Risk and Resilience Engineering	Singapore University Of Social Sciences			
Environmental Hazards and Toxicology	Singapore University Of Social Sciences			

Generic Skills and Competencies (GSCs)		Modular Programmes	Providers
Title	Proficiency Level		
Problem Solving	Advanced	IMPACT: Advanced Problem Solving & Decision Making Workshop	Capelle Academy Pte Ltd
		Apply Systems Thinking in Problem Solving and Decision Making	Service Quality Centre Pte Ltd
		Apply Systems Thinking in Problem Solving & Decision Making	Singapore National Employers Federation
		Apply Systems Thinking in Problem Solving and Decision Making	Ssa Consulting Group Pte Ltd
Sense Making	Advanced	WSQ Service Analytics	Institute Of Systems Science, National University Of Singapore
		Analyse Service Quality and Customer Satisfaction	Kaplan Professional
		Analyse Service Quality and Customer Satisfaction	Service Quality Centre Pte Ltd
		Analyse Service Quality and Customer Satisfaction	Training Vision Institute Pte Ltd
Resource Management	Advanced	Strategise Service Operations	Capelle Academy Pte Ltd
		Strategise Service Operations	Training Vision Institute Pte Ltd