

Skills Framework for Workplace Safety and Health

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

Operational Control

Job Role:
Workplace Safety and Health Officer

Full Qualification Programmes	Providers
Specialist Diploma in Workplace Safety and Health	Ngee Ann Polytechnic
Specialist Diploma in Workplace Safety and Health	Singapore Polytechnic
BSc. Human Factors in Safety	Singapore University of Social Sciences

Technical Skills and Competencies (TSC)			Modular Programmes	Providers
Category	Title	Proficiency Level		
Audit Management	Workplace Safety and Health Audit System Management	5	The Human Factor in Process Safety Specialist Certificate in Process Safety	Singapore Institution of Technology (SIT) Singapore Institution of Technology (SIT)
Business Development	Workplace Safety and Health Business Case Development	5	Develop a Business Case for WSH	Building and Construction Authority
			Develop a Business Case for WSH	Ngee Ann Polytechnic
			Develop a Business Case for WSH	NTUC LEARNINGHUB PTE. LTD.
			Develop a Business Case for WSH	Singapore Institution of Safety Officers (SISO)
			Develop a Business Case for WSH	Singapore Polytechnic
General Management	Financial Budgeting	5	Manage Financial Resources for WSH	Building and Construction Authority
			Manage Financial Resources for WSH	Ngee Ann Polytechnic
			Manage Financial Resources for WSH	NTUC LEARNINGHUB PTE. LTD.
			Manage Financial Resources for WSH	Singapore Institution of Safety Officers (SISO)
			Manage Financial Resources for WSH	Singapore Polytechnic
	Innovation Management	3	Specialist Diploma in Human Factors Engineering	Nanyang Polytechnic
	Stakeholder Management	3	The Human Factor in Process Safety	Singapore Institution of Technology (SIT)
			Specialist Certificate in Process Safety	Singapore Institution of Technology (SIT)
Hazards Management	Hazards Identification	5	Identify WSH Hazards and Assess WSH Risks	Building and Construction Authority
			Identify WSH Hazards and Assess WSH Risks	Ngee Ann Polytechnic
			Identify WSH Hazards and Assess WSH Risks	NTUC LEARNINGHUB PTE. LTD.
			Process Safety Concepts	Singapore Institution of Technology (SIT)
			Specialist Certificate in Process Safety	Singapore Institution of Technology (SIT)
			Identify WSH Hazards and Assess WSH Risks	Singapore Institution of Safety Officers (SISO)
			Identify WSH Hazards and Assess WSH Risks	Singapore Polytechnic
Network Technology Management	Internet of Things Management	3	Specialist Diploma in Human Factors Engineering	Nanyang Polytechnic
	Behavioural Safety Management	5	Design and Implement Behavioural Safety Programme	Building and Construction Authority
			Design and Implement Behavioural Safety Programme	Ngee Ann Polytechnic
			Design and Implement Behavioural Safety Programme	NTUC LEARNINGHUB PTE. LTD.
			Design and Implement Behavioural Safety Programme	Singapore Institution of Safety Officers (SISO)
			Design and Implement Behavioural Safety Programme	Singapore Polytechnic
	Emergency Response Management	5	Establish and Review Emergency Preparedness and Response Plan	Building and Construction Authority
			Establish and Review Emergency Preparedness and Response Plan	Ngee Ann Polytechnic
			Establish and Review Emergency Preparedness and Response Plan	NTUC LEARNINGHUB PTE. LTD.
			Establish and Review Emergency Preparedness and Response Plan	Singapore Institution of Safety Officers (SISO)
			Establish and Review Emergency Preparedness and Response Plan	Singapore Polytechnic

Operational Control Implementation	Human Factors in Job Design	5	Apply Human Factors in Job Design	Building and Construction Authority
			Specialist Diploma in Human Factors Engineering	Nanyang Polytechnic
			Apply Human Factors in Job Design	Ngee Ann Polytechnic
			Apply Human Factors in Job Design	NTUC LEARNINGHUB PTE. LTD.
			Specialist Certificate in Process Safety	Singapore Institution of Technology (SIT)
			The Human Factor in Process Safety	Singapore Institution of Technology (SIT)
			Apply Human Factors in Job Design	Singapore Institution of Safety Officers (SISO)
			Apply Human Factors in Job Design	Singapore Polytechnic
	Risk Management	5	Manage WSH Risks	Building and Construction Authority
			Manage WSH Risks	Ngee Ann Polytechnic
			Manage WSH Risks	NTUC LEARNINGHUB PTE. LTD.
			Manage WSH Risks	Singapore Institution of Safety Officers (SISO)
			Manage WSH Risks	Singapore Polytechnic
	Workplace Safety and Health Control Measures	5	Recommend WSH Control Measures	Building and Construction Authority
			Recommend WSH Control Measures	Ngee Ann Polytechnic
			Recommend WSH Control Measures	NTUC LEARNINGHUB PTE. LTD.
			Recommend WSH Control Measures	Singapore Institution of Safety Officers (SISO)
			Recommend WSH Control Measures	Singapore Polytechnic
	Workplace Safety and Health Culture Management	5	Develop a WSH Culture	Building and Construction Authority
			Develop a WSH Culture	Ngee Ann Polytechnic
			Develop a WSH Culture	NTUC LEARNINGHUB PTE. LTD.
			Specialist Certificate in Process Safety	Singapore Institution of Technology (SIT)
			The Human Factor in Process Safety	Singapore Institution of Technology (SIT)
			Develop a WSH Culture	Singapore Institution of Safety Officers (SISO)
			Develop a WSH Culture	Singapore Polytechnic
	Workplace Safety and Health Incident Management	5	Establish and Manage WSH Incident Investigation and Analysis Process	Building and Construction Authority
			Establish and Manage WSH Incident Investigation and Analysis Process	Ngee Ann Polytechnic
			Establish and Manage WSH Incident Investigation and Analysis Process	NTUC LEARNINGHUB PTE. LTD.
Establish and Manage WSH Incident Investigation and Analysis Process			Singapore Institution of Safety Officers (SISO)	
Establish and Manage WSH Incident Investigation and Analysis Process			Singapore Polytechnic	
Workplace Safety and Health Performance Management	5	Establish Measurement and Monitoring of WSH Performance	Building and Construction Authority	
		Establish Measurement and Monitoring of WSH Performance	Ngee Ann Polytechnic	
		Establish Measurement and Monitoring of WSH Performance	NTUC LEARNINGHUB PTE. LTD.	
		Establish Measurement and Monitoring of WSH Performance	Singapore Institution of Safety Officers (SISO)	
		Establish Measurement and Monitoring of WSH Performance	Singapore Polytechnic	
Quality Mangement	Technical Writing	5	Quantitative Risk Analysis	Singapore Institution of Technology (SIT)
			Specialist Certificate in Process Safety	Singapore Institution of Technology (SIT)
Technology Management	Technology Application	3	Specialist Diploma in Human Factors Engineering	Nanyang Polytechnic
Workplace Safety and Health Policy Development	5	Establish WSH Policy and Advise on WSH Legal Compliance Issues	Building and Construction Authority	
		Establish WSH Policy and Advise on WSH Legal Compliance Issues	Ngee Ann Polytechnic	
		Establish WSH Policy and Advise on WSH Legal Compliance Issues	NTUC LEARNINGHUB PTE. LTD.	
		Establish WSH Policy and Advise on WSH Legal Compliance Issues	Singapore Institution of Safety Officers (SISO)	
		Establish WSH Policy and Advise on WSH Legal Compliance Issues	Singapore Polytechnic	
			Develop a WSH Management System	Building and Construction Authority

Workplace Safety and Health Management	Workplace Safety and Health System Management	5	Develop a WSH Management System	Ngee Ann Polytechnic
			Develop a WSH Management System	NTUC LEARNINGHUB PTE. LTD.
			Specialist Certificate in Process Safety	Singapore Institution of Technology (SIT)
			Develop a WSH Management System	Singapore Institution of Safety Officers (SISO)
			Develop a WSH Management System	Singapore Polytechnic
	Workplace Safety and Health Management in Chemical, Process, Pharmaceutical Industries and Laboratories	5	Specialist Certificate in Process Safety	Singapore Institution of Technology (SIT)
			Quantitative Risk Analysis	Singapore Institution of Technology (SIT)
			Manage WSH in Chemical, Process, Pharmaceutical Industries and Laboratories	Ngee Ann Polytechnic
	Workplace Safety and Health Management in Construction Industry	5	Manage WSH in Construction Industry	Building and Construction Authority
			Manage WSH in Construction Industry	Ngee Ann Polytechnic
			Manage WSH in Construction Industry	NTUC LEARNINGHUB PTE. LTD.
			Manage WSH in Construction Industry	Singapore Institution of Safety Officers (SISO)
			Manage WSH in Construction Industry	Singapore Polytechnic
	Workplace Safety and Health Management in Manufacturing Industry	5	Specialist Diploma in Human Factors Engineering	Nanyang Polytechnic
			Manage WSH in Manufacturing Industry	Ngee Ann Polytechnic
			Manage WSH in Manufacturing Industry	NTUC LEARNINGHUB PTE. LTD.
	Workplace Safety and Health Management in Marine Industry	5	Manage WSH in Marine Industry	Ngee Ann Polytechnic
	Workplace Safety and Health Management in Service Industry	5	Manage WSH in Service Industry	Ngee Ann Polytechnic

For Generic Skills and Competencies (GSCs) programme listing, please refer to Section (v) (c) - View the Training Programmes for Generic Skills and Competencies (GSCs) section, or click on this [link](#) to view the GSCs Programme Listing.