

## Skills Framework for Public Transport

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

Rail Engineering (Power) Job Role:  
Engineering Head (Power)

Full Qualification Programmes	Providers
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Technical Skills and Competencies (TSC)			Modular Programmes	Providers
Category	Title	Proficiency Level		
Business Management	Budgeting	5	NICF-Finance for IT Managers	National University of Singapore
Business Management	Change Management	6	Leading Organisational Change	Singapore Institute of Management (SIM)
Business Continuity Planning	Business Continuity Planning	6	BHB3002 Strategic Management	Singapore Institute of Technology
Business Management	Innovation Management	6	NICF-Value and Innovation of IT	NUS School of Computing
			Foundation IP Law	Singapore University Of Social Sciences
			IP Asset Management	Singapore University Of Social Sciences
			IP & Business Strategy	Singapore University Of Social Sciences
Business Management	Organisational Planning and Target Setting	5	BHB3002 Strategic Management	Singapore Institute of Technology
			IP Asset Management	Singapore University Of Social Sciences
Business Management	Project Management	6	IP & Business Strategy	Singapore University Of Social Sciences
Business Management	Strategy Planning	6	Planning Strategic Vision	ODE Consulting Pte Ltd
			NICF-Business Analytics for CIOs and Senior Managers	NUS School of Computing
People Management	Manpower Planning and Deployment	5	Develop Strategies for Manpower Planning and Resourcing	Human Capital (Singapore) Pte Ltd
Maintenance Management	Engineering Maintenance Management	6	Fundamental of Rail Engineering Systems (FRES) (For in-service professional in the Rail Sector)	Singapore Rail Academy (SGRA), Land Transport Authority
Process Improvement	Systems Engineering Thinking	6	Foundations of Systems Engineering	Singapore Institute of Technology
			Fundamental of Rail Engineering Systems (FRES) (For in-service professional in the Rail Sector)	Singapore Rail Academy (SGRA), Land Transport Authority
			Cognitive Systems Engineering	Singapore University Of Social Sciences
			IMPACT: Advanced Problem Solving and 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 and Decision Making	Singapore National Employers Federation
			Apply Systems Thinking in Problem Solving and Decision Making	SSA Consulting Group Pte. Ltd.
Apply Systems Thinking in Problem Solving and Decision Making	Training Vision Institute Pte. Ltd.			
Rail Systems Maintenance	High Voltage Power Systems Maintenance	4	SGNDT (ISO 9712) Level II for Magnetic Particle Testing	Singapore Institute of Technology
			SGNDT (ISO 9712) Level II for Penetrant Testing	Singapore Institute of Technology
			SGNDT (ISO 9712) Level II for Ultrasonic Testing	Singapore Institute of Technology
			WSQ Restore High Voltage Outages	Singapore Institute Of Power And Gas Pte. Ltd.
			Fundamental of Rail Engineering Systems (FRES) (For in-service professional in the Rail Sector)	Singapore Rail Academy (SGRA), Land Transport Authority
Restore High Voltage Outages	Sp Training And Consultancy Company Pte. Ltd.			
Rail Systems Maintenance	Low Voltage Power Systems Maintenance	4	SGNDT (ISO 9712) Level II for Magnetic Particle Testing	Singapore Institute of Technology
			SGNDT (ISO 9712) Level II for Penetrant Testing	Singapore Institute of Technology
			SGNDT (ISO 9712) Level II for Ultrasonic Testing	Singapore Institute of Technology
			Fundamental of Rail Engineering Systems (FRES) (For in-service professional in the Rail Sector)	Singapore Rail Academy (SGRA), Land Transport Authority
Technology Management	Technology Application	3	Contribute to Innovation	Capelle Academy Pte Ltd
			Innovation : Turning Ideas into Gold (Project)	Everest Innovation Pte Ltd

For Generic Skills and Competencies (GSCs) programme listing, please refer to *Section (v) (c) - View the Training Programme for Generic Skills and Competencies (GSCs)*. To access the section, click this [link](#)