

Skills Framework for Precision Engineering

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

Management

Job Role:
Plant Manager

Full Qualification Programme	Provider
Bachelor of Engineering (Mechanical Engineering) - Part-time	Nanyang Technological University
Graduate Certificate in Precision and Advanced Manufacturing	
Specialist Certificate in Manufacturing Engineering	

Technical Skills and Competencies (TSC)			Modular Programmes	Providers
Category	Title	Proficiency Level		
Big Data Analytics	Data Synthesis	Level 6	WSQ Implement Manufacturing Data Mining Techniques (SF)	Singapore Institute of Manufacturing Technology
Business and Organisational Management	Business Innovation	Level 5	NICF - Design Thinking in Service Systems – Conception	Institute of Systems Science, National University of Singapore
			NICF - AIIM Business Process Management Master (BPMC)	
			NICF - Business Agility Bootcamp	
			NICF - ITIL® Continual Service Improvement Certificate	
			NICF - Service Innovation for IT	
			NICF - Strategic Business Analysis	National University of Singapore, School of Computing
Manufacturing and Operations	Manufacturing Process Management	Level 6	WSQ Implement Real-time Track and Trace System (RTT) (SF)	Singapore Institute of Manufacturing Technology
Technology Road Mapping	Technology Road Mapping	Level 5	WSQ Review Processes for Strategic Technology and Operation Roadmapping (SF)	Singapore Institute of Manufacturing Technology
Value Engineering	Carbon Footprint Management	Level 6	WSQ Apply Integrated Carbon Footprint Assessment Methodology (SF)	Singapore Institute of Manufacturing Technology
			WSQ Conduct Carbon Footprint Assessment (SF)	

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