

Certificate III Process Manufacturing

MSA 30107

PROGRAM OUTLINE

The Process Manufacturing Training Package has been developed in consultation with industry to cover a broad range of modern manufacturing excellence and continuous improvement skills and is now available to all Australian manufacturing organisations. Process Manufacturing is part of a Federal Government initiative to retain manufacturing in Australia. This new approach to continuous improvement ensures that your team has the most up-to-date knowledge and skills through exposure to the latest business improvement techniques via existing worker traineeships.

KEY LEARNING OUTCOMES

- ▶ Lean methodologies including JIT and 5S
- ▶ Waste minimisation including defects, inventory and motion
- ▶ Process and quality improvement
- ▶ Team effectiveness
- ▶ Improve communication and align motivations between management and shop floor employees
- ▶ Problem solving and updating of business procedures
- ▶ Improved workplace safety practices and compliance

PROGRAM BENEFITS

- ▶ Effectively manage change to improve efficiency and profitability
- ▶ Nationally accredited program
- ▶ Raise skills profile of your organisation
- ▶ Drive innovation and foster a best practice culture to deliver quality services and products to customers
- ▶ Develop teamwork throughout the organisation

WHO SHOULD ATTEND?

Production Operators, Team Leaders, Machine Operators and Process Operators who have or will have responsibilities with facilitating Lean practices and change programs aimed at delivering improved capacity, quality, service delivery and costs. Government funding is available for eligible participants.

DELIVERY METHOD

This program comprises class room theory and shop floor mentoring, delivering tangible business outcomes through participation in identified improvement projects in the workplace over an 8 month period.

QUALIFICATION AND ASSESSMENT REQUIREMENTS

For successful completion of MSA30107 Certificate III in Process Manufacturing, competency must be achieved in 21 units. A number of assessment strategies are utilised in relation to each participants performance including activities completed in classroom sessions and workplace based projects. All assessments are conducted at the student's workplace.



COMPULSORY CORE COMPETENCY

MSACMT251A	Apply quality standards	MSAPMSUP200A	Achieve work outcomes
MSAPMOHS200A	Work safely	MSAPMSUP210A	Process and record information

SAMPLE ELECTIVE UNITS

MSACMS201A	Sustain process improvements	MSAPMSUP300A	Identify and implement opportunities to maximise production efficiencies
MSAPMSUP100A	Apply workplace procedures	MSACMT240A	Apply 5S procedures in a manufacturing environment
MEM15003B	Use improvement processes in team activities	MSAPMSUP383A	Facilitate a team
MSACMT221A	Apply Just in Time (JIT) procedures	MEM03001B	Perform manual production assembly
MSAPMSUP101A	Clean workplace or equipment	MEM16007A	Work with others in a manufacturing, engineering or related environment
MSAPMSUP102A	Communicate in the workplace	MEM12023A	Perform engineering measurements
MSAPMSUP106A	Work in a team	MEM15001B	Perform basic statistical quality control
MSACMT220A	Apply quick changeover procedures	MSACMT230A	Apply cost factors to work practices
MSACMT280A	Undertake root cause analysis		
MSAPMSUP390A	Use structured problem solving tools		
MSAPMSUP303A	Identify equipment faults		

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