

## Certificate IV in Competitive Manufacturing

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**Competitive Manufacturing aims to make training in the skills needed for modern manufacturing practices and principles accessible to all Australian manufacturing enterprises through nationally accredited qualifications.**

The Competitive Manufacturing Training Package covers in detail many Lean and Six Sigma methodologies such as; Value Stream Mapping, 5S and Visual Controls, TPM, JIT, Mistake Proofing, Root Cause Analysis, Variance Reduction, Statistical Process Control, Change Management and much more.

This training is competency based and provides for organisational improvement through the holistic delivery of training to all employees. It is aimed at equipping individuals with skills necessary to add value to a business through the application of enhanced manufacturing knowledge and skills.

As a Registered Training Organisation (Registered by VETAB, National Provider Number 91353) Segla International will issue learners with a nationally recognised "AQF qualification of competence" on successful completion of the requirements defined in each course. Where learners have gained competency to selected components of the qualification, a nationally recognised Statement of Attainment will be awarded.

### Qualification Requirements

Successful completion will require competency in units that relate to work defined as aligned at the Australian Qualifications Framework (AQF) Level. To be awarded a Certificate IV in Competitive Manufacturing, competency must be achieved in 10 units chosen as specified below. Holders of the Certificate III need to ensure that they have at least three additional series 400 units to any they may have gained competence in as part of the Certificate III.

### Who should attend?

Production Operators, Team Leaders and Line Supervisors tasked with contributing to change programs aimed at delivering improved yield, quality, service delivery and costs.

This is a workplace based training program, conducted in class room and on the shop floor.

Typically the Certificate IV program will be completed in 18-24 months and Government funding is available for eligible participants.



### Corporate Headquarters

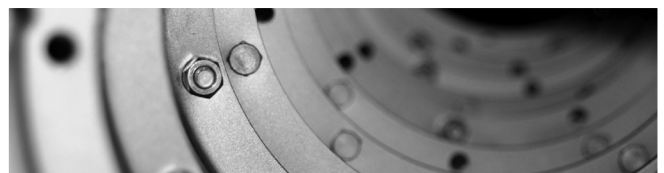
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Reduced cycle times • Improved productivity • Increased equipment capacity • Business growth and increased profitability

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### Certificate IV Units of Competency

#### CM Systems

At least one of the following CM Systems units must be chosen:

- MSACMS400A - Implement a competitive manufacturing system
- MSACMS401A - Ensure process improvements are sustained
- MSACMS405A - Lead a manufacturing team using a balanced score card approach

#### CM Change/interpersonal

The following CM Change/interpersonal unit must be chosen.

- MSACMC410A - Lead change in a manufacturing environment

And one of the following units of competency:

- MSACMC411A - Lead a competitive manufacturing team
- MSACMC413A - Lead team culture improvement

#### CM Tools

At least two of the following series 400 CM Tools units must be chosen:

- MSACMT421A - Facilitate a Just in Time (JIT) system
- MSACMT423A - Monitor a manufacturing levelled pull system
- MSACMT430A - Improve cost factors in work practices
- MSACMT432A - Analyse manual handling processes
- MSACMT440A - Lead 5S in a manufacturing environment
- MSACMT441A - Facilitate continuous improvement in manufacturing
- MSACMT450A - Undertake process capability improvements
- MSACMT451A - Mistake proof a production process
- MSACMT452A - Apply statistics to processes in Manufacturing
- MSACMT453A - Use six sigma techniques
- MSACMT460A - Use planning software systems in manufacturing
- MSACMT461A - Facilitate SCADA systems in manufacturing team or work area
- MSACMT481A - Undertake proactive maintenance analyses
- MSACMT482A - Assist in implementing a proactive maintenance strategy
- MSACMT483A - Support proactive maintenance
- MSAPMASUP390A - Use structured problem solving tools

### Other relevant units

No more than four relevant units at the AQF 3, 4 or 5 level may be selected from another relevant endorsed Training Package. Units chosen should be relevant to the workplace and would normally be drawn from the appropriate sector Training Package, or possibly the Business Services Training Package.

### Balance of units

Sufficient additional CM units should be chosen to achieve the required ten units.

