

Certificate III in Competitive Manufacturing

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 III in Competitive Manufacturing, competency must be achieved in eight units chosen as specified below. At least three of these units must be from the 400 series.

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 III program will be completed in 12-18 months and Government funding is available for eligible participants.



Corporate Headquarters

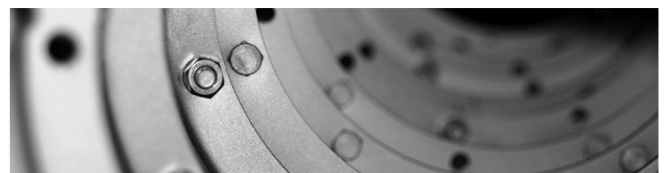
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Reduced cycle times • Improved productivity • Increased equipment capacity • Business growth and increased profitability

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Certificate III Units of Competency

CM Systems

The following CM Systems unit of training must be chosen:

MSACMS200A - Apply competitive manufacturing practices

And one of the following units of competency:

MSACMS201A - Sustain process improvements

MSACMS401A - Ensure process improvements are sustained

MSACMS405A - Lead a manufacturing team using a balanced score card approach

(Only one of MSACMS201A, MSACMS401A or MSACMS405A may be counted towards the Certificate III)

CM Change/interpersonal

At least one of the following CM Change/interpersonal unit must be chosen:

MSACMC210A - Manage the impact of change on own work

MSACMC410A - Lead change in a manufacturing environment

MSACMC411A - Lead a competitive manufacturing team

MSACMC413A - Lead Team Culture Improvement

(Only one of MSACMC210A, MSACMC410A, MSACMC411A or MSACMC413A may be counted towards the Certificate III)

CM Tools

At least one of the following series 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

MSAPMSUP390A - Use structured problem solving tools

Other relevant units

No more than four relevant units at the AQF 2, 3 or 4 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 eight units. These may be selected from any of the lists above, or the list below. Remember of the total of eight units, at least three must be series 400 CM units.

MSACMT220A - Apply quick changeover procedures

MSACMT221A - Apply Just in Time (JIT) procedures

MSACMT230A - Apply cost factors to work practices

MSACMT231A - Interpret product costs in terms of customer requirements

MSACMT240A - Apply 5S procedures in a manufacturing environment

MSACMT250A - Monitor process capability

MSACMT251A - Apply quality standards

MSACMT260A - Use planning software systems in manufacturing

MSACMT261A - Use SCADA systems in manufacturing

MSACMT270A - Use sustainable energy practices

MSACMT271A - Use sustainable environmental practices

MSACMT280A - Undertake root cause analysis

MSACMT281A - Contribute to the application of a proactive maintenance strategy

