

# NATIONAL CERTIFICATE IN COMPETITIVE MANUFACTURING with AN OPTIONAL STRAND IN FACILITATION (Level 4)

70-90 CREDITS

Version 2

This qualification is for leaders in competitive manufacturing who interact between members of their team and management. The qualification recognises the employee's knowledge and the skills required to lead change, implement a competitive manufacturing system and ensure process improvements are sustained.

This qualification takes, on average 12 to 15 months to complete.

## Unit Standard Content

Unit Number	Unit Title	Level	Credit Value
21517	Implement a competitive manufacturing system in a competitive manufacturing organisation	4	10
21518	Ensure process improvements are sustained in a competitive manufacturing organisation	4	8
21519	Lead change in a competitive manufacturing organisation	5	8

## Elective Unit Standards

**Elective 1** - A minimum of 1 unit standard

Unit Number	Unit Title	Level	Credit Value
24780	Facilitate the development of a competitive manufacturing team	5	5
24781	Facilitate team culture improvement in a competitive manufacturing team	5	5

**Elective 2** - A minimum of 2 unit standards

Unit Number	Unit Title	Level	Credit Value
21520	Facilitate a Just in Time (JIT) system in a competitive manufacturing organisation	4Z	5
21521	Improve cost factors in work practices in a competitive manufacturing organisation	4	5
21522	Analyse manual handling processes in a competitive manufacturing organisation	3	5
21523	Lead 5S in a competitive manufacturing organisation	4	5
21524	Undertake process capability improvements in a competitive manufacturing organisation	4	10
21525	Mistake proof a production process in a competitive manufacturing organisation	4	5
21526	Facilitate use of planning software systems in a competitive manufacturing organisation	4	8
21527	Facilitate System Control and Data Acquisition systems in a competitive manufacturing organisation	4	8
21528	Undertake proactive maintenance analyses in a competitive manufacturing organisation	5	8
21529	Assist in implementing a proactive maintenance strategy in a competitive manufacturing organisation	4	8
24782	Monitor and control a manufacturing levelled pull system in a competitive manufacturing organisation	4	5
24783	Facilitate continuous improvement in a competitive manufacturing organisation	4	5
24784	Apply statistics to processes for a competitive manufacturing organisation	4	5
24785	Lead a proactive maintenance strategy in a competitive manufacturing organisation	4	5

**Elective 3** - A minimum of 10 credits at Level 4 or above

FIELD	SUBFIELD	DOMAIN
Manufacturing	Manufacturing Skills	Competitive Manufacturing

## Balance

The balance of credits, if required, to achieve a minimum of 70 credits may come from the following

Unit Number	Unit Title	Level	Credit Value
8081	Collect data for a specified purpose	3	8
21333	Demonstrate basic knowledge of workflow management in a manufacturing environment	3	4

FIELD	SUBFIELD	DOMAIN
Manufacturing	Manufacturing Skills	Competitive Manufacturing

**Facilitation Optional Strand** - A minimum of 20 credits at Level 4 or above

FIELD	SUBFIELD	DOMAIN
Business	Business Operations and Development	People Development and Coordination
		Systems and Resources Management
Education	Adult Education and Training	Delivery of Adult Education and Training
	Generic Education and Training	Assessment of Learning
Humanities	Communication Skills	Interpersonal Communications
Manufacturing	Dairy Manufacturing	Dairy People Skills
	Manufacturing Skills	Competitive Manufacturing

90 Credits can be obtained with an optional strand in Facilitation

# NATIONAL DIPLOMA IN COMPETITIVE MANUFACTURING Level 5

**120 CREDITS** Version 1

This qualification is for managers in competitive manufacturing who have responsibilities for the performance of their people and processes or services. This qualification develops knowledge and skills to be change agents, and to implement a competitive manufacturing strategy within their organisation.

This qualification takes approximately 2 years to complete.

## Unit Standard Content

Unit Number	Unit Title	Level	Credit Value
21530	Analyse and map a value stream in a competitive manufacturing organisation	5	10
24789	Develop a balanced score card to measure outcomes of competitive manufacturing activities	5	10
24792	Facilitate holistic culture improvement in a competitive manufacturing organisation	6	20

## Elective Unit Standards

**Elective 1** - a minimum of 20 credits

Unit Number	Unit Title	Level	Credit Value
24786	Lead a competitive manufacturing strategy	6	20
24788	Lead a competitive manufacturing strategy in a jobbing shop environment	6	20
24790	Lead a competitive manufacturing strategy in a small or medium enterprise	6	20

**Elective 2** - a minimum of 60 credits at Level 5 or above

FIELD	SUBFIELD	DOMAIN
Manufacturing	Manufacturing Skills	Competitive Manufacturing