



Give your company an “Unfair Advantage” with The Improve Group’s government funded productivity improvement initiatives

Discover how our lean manufacturing programs can transform your business.

- Improved workflow
- Greater productivity
- Lower costs
- Increased processing capability
- 5S, Quick Changeovers, TPM
- Increased staff morale

We are New Zealand's leading productivity improvement program provider.

Lean Manufacturing Programs

We customize our programs to suit your business needs and create cultural change using our Rapid Improvement Events to ensure real business results.

Lean Strategy and Implementation

Our team of experts will help design your program and then assist you with the implementation process providing a complete suite of templates and tools to suit your budget and timeframe.

NZQA Certified Training

Delivered in the workplace our Competitive Manufacturing programs are very different from most training programs and focus on real manufacturing and process related outcomes that are training enabled. NZQA Certification in Competitive Manufacturing is available to program participants and funding is often available from your Industry Training Organization.

Operational Excellence Assessment

Companies undertake a Operational Excellence Assessment upon commencement of our programs. This identifies practice and performance strengths and weaknesses and prioritizes program requirements linked to improvement opportunities – program delivery is then tailored to suit the business needs and priorities.

Position your company as an industry leader

About The Improve Group

Our Manufacturing Excellence Coaches are seasoned professionals who enjoy transferring their knowledge to industry at all levels. All are certified trainers and assessors and use a see-do approach encouraging participants to apply the practices in the workplace.

Our team has experience across all industries and company sizes, allowing a flexible approach to suit your business needs. We provide industry specific training material to suit your needs.

Our experience includes assembly, processing (food, minerals, oils, etc), fabrication, timber, refining, print, construction and building products, pulp and paper, packaging, component manufacture, joinery, furnishing, marine, aviation and many other industry sectors in both New Zealand and Australia.

International Presence

Leveraging the experience of our international team of lean manufacturing experts we are able to provide training and support services throughout Australasia, and overseas. Working with a range of high calibre international companies enables us to leverage best practice into our NZ programs.

The Improve Group is a Registered Training Organization and was recently awarded an Export Award in the Education Category.

REGISTER NOW Receive regular updates & a site visit

To register your interest in our programs fax this form to **03 333 7138** or email info@improvegroup.co.nz

Name

Title

Organisation

Street

Suburb

City

Postcode

Country

Phone

Mobile

Fax

Email

Visit our website www.improvegroup.co.nz

Contact us on **0800 467 009** to discuss your needs.

Team Members

National Certificate Level 2 & 3 in Competitive Manufacturing

To achieve a Level 2 Certificate in Competitive Manufacturing 40 credits must be completed from the list below. A Level 3 qualification is also available for your technical staff.

Core Units—Compulsory (21 credits)

- Apply competitive manufacturing practices (5)
- Sustain process improvements (3)
- Manage the impact of change (3)
- Interpret product costs (5)
- Undertake root cause analysis (5)

Elective units—Level 2

- Apply quick changeover procedures (5)
- Apply Just in Time (JIT) procedures (5)
- Apply cost factors to work practices (5)
- Use planning software systems in manufacturing (5)
- Use SCADA systems in manufacturing (5)

Elective units—Level 3

- Explain TPM Principles (5)
- Apply 5S procedures (5)
- Monitor process capability (5)
- Complete quality control tests (5)
- Use sustainable energy practices (5)
- Use sustainable environmental practices (5)
- Contribute to the application of a proactive maintenance strategy (5)
- Analyze manual handling (5)

Design your own qualifications

Level 2 Qualification:

Core units selected	21 credits
Elective units (level 2 or 3)	<u>19+ credits</u>
Total	40+ credits

Level 3 Qualification—Technical Staff:

Core units selected	21 credits
Elective units (level 3)	up to 15 credits
Elective units (level 4)	14-29 credits
<u>Elective units total</u>	<u>29+ credits</u>
Total	50+ credits

Level 4 Qualification:

Core units selected	26 credits
Elective 1 units	5 credits
Elective 2 units	10 credits
<u>Balance from level 4 or 5</u>	<u>29 credits</u>
Total	70+ credits

Team Leaders / Supervisors

National Certificate Level 4 in Competitive Manufacturing

To achieve this certificate in Competitive Manufacturing 70 credits must be completed from the list below. An additional qualification is available for those involved in the facilitation of competitive manufacturing (90 credits)

Core Units—Compulsory (26 Credits)

- Implement a competitive manufacturing system (10)
- Ensure process improvements are sustained (8)
- Lead change in a manufacturing environment (8)

Elective 1—Choose at least 1 unit

- Lead a competitive manufacturing team (5)
- Lead team culture improvement (5)

Elective 2—Level 4 CM Tool Units

- Lead a manufacturing team using a balanced score card approach (5)
- Facilitate a Just in Time (JIT) system (5)
- Monitor a leveled pull system (5)
- Improve cost factors in work practices (5)
- Lead 5S in a manufacturing environment (5)
- Facilitate continuous improvement in manufacturing (5)
- Improve Process Capability (10)
- Mistake proof a production process (5)
- Apply statistics in manufacturing (5)
- Facilitate the use of planning software systems in manufacturing (8)
- Facilitate SCADA systems in a manufacturing team or work area (8)
- Support proactive maintenance (5)
- Implement proactive maintenance strategy (8)

Level 4 Qualification—Facilitation Strand:

<u>Additional 20 credits from level 4 or 5</u>	
Total	90+ credits

Diploma in Competitive Manufacturing:

Core units selected	40 credits
Elective 1 units	20 credits
Balance of units (lvl 5 or 6)	60 credits
Total	120+ credits

Managers

Diploma in Competitive Manufacturing

To achieve this certificate in Competitive Manufacturing 120 credits must be completed from the list below.

Core Units—Compulsory (40 Credits)

- Analyze and map a value chain (10)
- Facilitate holistic culture improvement (20)
- Develop a balanced score card (10)

Elective 1—Choose at least 1 unit

- Lead a CM Strategy (20)
- Manage CM in a jobbing shop environment (20)
- Introduce CM to a small or medium enterprise (20)

Elective 2—Balance of CM Tool Units (at least 20 credits must be from level 6)

Level 5 units

- Lead change (8)
- Lead a competitive manufacturing team (5)
- Lead team culture improvement (5)
- Manage relationships with non-customer external organizations (20)
- Manage people relationships (15)
- Improve a value chain (10)
- Develop a communications strategy (10)
- Develop Quick Changeover procedures (10)
- Proactive maintenance analysis (10)
- Develop a Just in Time (JIT) system (10)
- Design a process layout (10)
- Optimize cost of product (15)
- Undertake product cost analysis (10)
- Manage 5S system (15)
- Improve process capability (15)
- Develop the application of enterprise systems in manufacturing (10)
- Determine and establish information collection requirements and processes (10)
- Develop a documentation control strategy for a manufacturing enterprise (10)
- Develop a proactive maintenance strategy (10)

Level 6 Units

- Develop CM related business plans (10)
- Develop a leveled pull system (10)
- Analyze cost implications of maintenance strategy (15)
- Implement a CI system (10)
- Design an experiment (10)
- Develop and manage sustainable energy practices (10)
- Develop and manage sustainable environmental practices (10)
- Adapt a proactive maintenance strategy to the process manufacturing sector (20)
- Adapt a proactive maintenance strategy for a seasonal or cyclical manufacturing operation (15)