

**Early Bird Offer:
REGISTRATION is at R8999 If
You Book & Pay by the
28th February 2011**

NEXT GENERATION

LEAN MANUFACTURING

Date: 4th – 6th April 2011

Venue: Birchwood Hotel, Johannesburg, South Africa.

Overview

The Lean Philosophy is changing the way organisations operate. No longer stuck in the paradigm of "mass" thinking, many manufacturing enterprises have tried to adopt some portions of the Toyota Production System, the Lean road. Many have failed. Many have rushed off, taken a course and pronounced themselves LEAN. Yet very few have tested the depths of overall performance enhancement and added competitiveness possible with a complete change of paradigms in the "lean" direction.

Research by Gallup has uncovered that less than 30% of employees are truly engaged in their jobs. Lean Thinkers have long shown that an additional 25-40% of the work done by most organisations is waste or non-value added. This means that 40% of every payroll dollar is easily lost. With the advent of true global competition, can you afford to lose 40% of your time as a company?

My personal investigations have come to the conclusion that the manufacturing sector is polluted by an astonishing 35% of completely wasted labour. Can that be afforded any longer?

This course will be a shocking course for many of you. Because it demystifies all traditional principles of the first industrial revolution on which the majority of manufacturing enterprises, still today, are built or around which they operate. By presenting in rather great detail the philosophy of the second industrial revolution and the main tools and disciplines readily available to all manufacturing enterprises to perform in an "excellent" status, this course is a door-opener to lean practices for whoever is: ready to listen to the message – prepared to abandon obsolete principles, formulas and approaches – willing to get to "lean" status.

This course will prove that competitiveness today can no longer be achieved by merely cutting costs or revamping technology: because cutting costs has a floor, while performance improvement through maximisation of value-added and waste elimination has no ceiling –and because technology alone does not generate the levels of output value enterprises and organisations need to tackle the challenges of the new millennium.

Attendees

- Plant/Factory Managers,
- Manufacturing Directors/ Managers
- Operations Directors/ Managers
- Production Directors/Managers – Production Planners and Supervisors
- Quality Assurance Directors/ Managers
- Chief Engineers
- Heads of Maintenance

**BOOKING IS ON FIRST COME FIRST SERVE BASIS AS SEATS ARE LIMITED FAX
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Prestige Consulting



PROGRAM OUTLINE

DAY ONE			DAY TWO
SESSION ONE	REGISTRATION AND EARLY MORNING TEA/COFFEE World Class Manufacturing Operations <ul style="list-style-type: none"> Understanding the scenario Value Adding Management In The Manufacturing Industry <ul style="list-style-type: none"> Focusing on the productive processes to maximise the output value Identifying waste in Manufacturing Operations - Case studies: "spot the waste!" 		The Stock Issue <ul style="list-style-type: none"> Why does stock pile up and (sometimes) flood the factory? END OF DAY ONE
10:45	MID-MORNING REFRESHMENTS	SESSION FIVE	Morning Refreshments What Are The Necessary Requirements To Implement Flow Production <ul style="list-style-type: none"> Flow Production golden rules How to reduce drastically all lead times through flow production: produce today what your customers ordered yesterday Is Continuous Flow Production Suited To You? <ul style="list-style-type: none"> The product-quantity analysis Process mapping Process-razing studies
SESSION TWO	Systematic Elimination of Waste In The Manufacturing Industry <ul style="list-style-type: none"> What is waste: classification of waste The SOCO (5S) approach as a starting point for fighting waste: <ul style="list-style-type: none"> Halting waste proliferation Reducing waste Eliminating waste Productive Systems <ul style="list-style-type: none"> The "Batch" and "Line" Types of Operations The "push" and "pull" productive methods The Kanban approach to pull production Why the Kanban method is no longer to be considered "lean" and in which cases it should be adopted Effects of the "push" method: the "stock" issue – case studies 	10: 30	MID-MORNING REFRESHMENTS
SESSION THREE	Productive Process Time and Cost Analysis <ul style="list-style-type: none"> Identifying value-adding and non-value-adding activities Understanding "takt-time", "throughput-time", WIP (work-in-progress) and their inter-relationships The Target <ul style="list-style-type: none"> Flow Production, or production with no waste The Relationship Between: <ul style="list-style-type: none"> JIT-Just in Time, LM-Lean Manufacturing and Flow Production The Small-lot Production Systems: The Smaller The Lot, The Less The Waste! <ul style="list-style-type: none"> Case study: one-piece flow vs. batch production 	SESSION SIX	Cell Production and Group Technology <ul style="list-style-type: none"> Design of manufacturing cells: principles and techniques. When to consider One-Piece-Flow production and Cell Manufacturing How to improve productivity by a minimum of 35%, by eliminating the bulk of the waste
13: 00	LUNCH	12: 45	LUNCH
SESSION FOUR	Flow Production In Three Different Situations: <ul style="list-style-type: none"> Labour-intensive Machine-intensive Combination Case studies 	SESSION SEVEN	Plant, Equipment, Machinery, Layouts and Flow Production <ul style="list-style-type: none"> The relationship between Lean Manufacturing and TPM, Total Productive Maintenance Lean Disciplines: TPM basic principles for the Manufacturing Industry Not all machines are suited for Flow Production: how to avoid the "super star galactica" cul-de-sac Flow Production and Quick Change-Over: The Missing Link <ul style="list-style-type: none"> Lean Disciplines: the Quick Change-Over approach How to improve set-up and change-over time by 50% to 80% How to achieve "instantaneous change-over" situations Live simulation
15: 45	AFTERNOON REFRESHMENTS	15: 45	AFTERNOON REFRESHMENTS
SESSION SEVEN		SESSION SEVEN	TQM - Total Quality Management and Lean Manufacturing <ul style="list-style-type: none"> Flow production to maximise quality and productivity - the link quality/productivity – the techniques The 100% testing approach in Manufacturing: case study Lean Disciplines: the Poka-Yoke approach for zero-defects – interactive case study Lean Disciplines: the 6 Sigma Methodology for drastic reduction of process' variability - overview END OF DAY TWO

DAY THREE

SESSION NINE	<p>Morning Refreshments</p> <p>How to Deploy LM Techniques In The Manufacturing Industry</p> <ul style="list-style-type: none"> Starting from the top or from the bottom? Can Flow Production be extended factory-wide? The mixed "push/pull" compromise. Where and how to position the "coupling" between the "push/batch" and the "pull/flow" systems Basic Lean and Continuous Flow principles for the Continuous Process manufacturing industry and the highly mechanised/automated factory <p>Value Stream Management: a global approach to Lean</p> <ul style="list-style-type: none"> The Value Stream Mapping technique: a practical deployment of all Lean Disciplines in an integrated fashion The VSM "storyboard": a common, practical tool understandable both to Top Management and to Shop-floor people The "Milestone Charter" and the Kaizen approach to the implementation of Lean Improvement projects
	10: 00
MID-MORNING REFRESHMENTS	
SESSION TEN	<p>New Relationship With Suppliers for Lean Manufacturing</p> <ul style="list-style-type: none"> Understanding the "Value-Chain" principle in manufacturing and the strategic role of suppliers and sub-contractors Suppliers evaluation, classification, rating and grading: overview Lean approaches to Supply Chain management Is "co-makership" suited to you? <p>New Operations Management style for Lean Manufacturing: Simple is beautiful! Small is beautiful!</p>
	12: 30
Networking Lunch	
SESSION ELEVEN	<p>People for Lean Manufacturing: Multi-skill, Multi-function, Flexible, Responsible, Empowered</p> <ul style="list-style-type: none"> New challenges for Human Resources Management, and new frontiers in people performance Management's and employees' approach to Lean Manufacturing TEI -Total Employee Involvement and Lean Manufacturing: the perfect symbiosis <p>END OF TRAINING, CERTIFICATE PRESENTATION & PHOTO SESSIONS.</p>

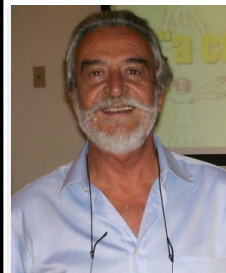
Prestige Consulting Profile

Prestige Consulting is a South African based company, which is operational in over five African countries with its head office located in Johannesburg.

The Company focuses on dissemination of business to business information through accredited Conferences, workshops and in-house training.

We conduct industry based research and identify training needs to bridge the skills gap. We then design timely, tailor made training programs to enhance organizational performance. Prestige Consulting goes beyond simply being an event management company, but an active partner in helping the African continent attain its millennium goals of halving unemployment by 2014, through skills development.

Your Expert



Carlo Scodanibbio, born in Macerata (Italy) in 1944, holds an Italian doctor degree in Electrical Engineering (Politecnico di Milano - 1970).

He has over 40 years of experience in Plant Engineering, Project Engineering and Project Management, as well as Industrial Engineering and Operations Management.

Free-lance Consultant since 1979, he has worked in a wide spectrum of companies and industries in many countries (Southern Africa - Italy - Cape Verde - Romania - Malta - Cyprus - Lebanon - Mauritius - Malaysia - Kenya - India - Saudi Arabia), and operates as an Independent Professional Consultant and Human Resources Trainer to industry.

His area of intervention is: World Class Performance for Small and Medium Enterprises in the Project, Manufacturing, and Service sectors. His favourite area of action is: the "lean" area.

He has co-operated, inter-alia, with the Cyprus Chamber of Commerce, the Cyprus Productivity Centre, the Malta Federation of Industry, the Mauritius Employers' Federation, the Romanian Paper Industry Association, the United Nations Industrial Development Organisation and the University of Cape Town.

His courses and seminars, conducted in English, Italian and French, have been attended by well over 15.000 Entrepreneurs, Managers, Supervisors and Workers. They feature a very high level of interaction, and are rich in simulations, exercising and real case studies. The approach is invariably "hands-on" and addressed to immediate, practical application.