

# Achieving Excellence in Lean Manufacturing

**Saving Millions with Lean Practices and Quality Leadership for Global Success**



Workshop Leader (Mike) at work !!

## WHAT IF YOU WERE TOLD THAT IT IS POSSIBLE TO.....

- Decrease your manufacturing cycle times from weeks to days (70% or more).....
- Reduce your inventories 50% or more while increasing your customer service levels.....
- Increase capacity 50% or more in your current facilities.....
- Maintain or increase your throughput while:
- Reducing your indirect labour by 50% or more....
- Reducing your direct labour by 10% or more
- Improve your flexibility in reacting to changes in requirements
- Allow more strategic management focus
- Increase shipping and billing frequencies, thus improving cash flow

**Bottom Line: IMPROVE NET INCOME**

## Who Should Attend

- **Lean/Kaizen Managers and Facilitators**
- **Directors/Managers of Quality**
- **Factory Managers**
- **Production Managers**
- **Operations Managers**
- **Plant Managers**
- **Directors of Engineering**
- **Materials Managers**
- **Manufacturing Engineers ... etc.**

**1 Hour FREE** consultation with  
the Trainer for the first  
**6** companies to register.

**Round 21**

## Workshop Dates

**Kuala Lumpur**

**24 - 25 May' 2010 (Mon-Tue)**

**Venue: Melia Hotel, Jln Imbi, Kuala Lumpur, Malaysia**

## We Speak RESULTS !!

- **Productivity Increased 35%**
- **Machine utilization increased 25%**
- **Floor space required reduced 35%**
- **Manpower utilization increased 25%**
- **Work-in-Progress reduced 50%**
- **Scrap and Rework reduce 45%**
- **Process Cycle time reduced 50%**
- **Transportation movement reduced 45%**
- **Change-over and set-up reduced 70%**
- **On time bill collection increased 35%**
- **Order processing errors reduced 60%**

## GAIN VALUE FROM THIS UNIQUE INTERACTIVE WORKSHOP

- **Examine** and action the critical success factors for sustained operational efficiency
- **Achieve** the performance objectives of your organization and improve value to the customer
- **Enhance** the responsiveness and effectiveness of material flow through the demand pipeline
- **Drive** and achieve quality standards in the face of increasing market pressures for speed to market
- **Forecast** market demand accurately to improve scheduling for production
- **Achieve** production efficiency through Value Stream Mapping
- **Manage** your workforce effectively for continuous improvement
- **Measure** manufacturing performance in order to achieve the desired outcome

# Achieving Excellence in Lean Manufacturing

## Saving Millions with Lean Practices and Quality Leadership for Global Success

### Morning Session:

### Day One

### Afternoon Session:

- Overview and expectation
- Fundamentals to Lean principle applications in all functions of an organization
- Introduction to a systematic Lean implementation approach
- Identifying the 7 Hidden Wastes
  - What are the hidden Wastes and how to realize them
  - What can be done to recover the hidden wastes in your organization
  - Lean Assessment
  - Identifying potential improvement opportunities (breakout exercise)
- **Dot Game exercise, 1st round (exercise)**  
Identifying your problems and solutions
- Introduction to 5S applications in all divisions of an organization
  - What are the five S and how to implement them in your company
  - Understanding the potential savings and potential improvement opportunities from the implementation of 5S

- Introduction to Lean Basics continued;
  - How to implement Visual Controls and Total Productive Maintenance
  - Total Productive Maintenance and Visual Controls (Video)
  - Introduction to Total Productive Maintenance (Video and discussion)
  - Introduction to TPM applications in all equipment
  - Understanding the potential savings from TPM implementation
  - Identifying potential TPM improvement opportunities for participant's company.
- Visual Controls, how they can save time, energy, lost production, and money.
- Single Piece Flow and Cellular Manufacturing
- Value Stream Mapping - Current and Future status Approach  
How much to MAP?
- Just-in-Time and Kanbans
- **Dot Game exercise, 2nd round (exercise)**
  - Understanding what is Single Piece Flow and Cellular Manufacturing
  - Figuring Takt Time -
    - How to identify Just-in-time opportunities
  - How to use cellular layouts and zoning to improve work areas
  - How to improve material handling
  - How to reduce the amount of WIP within processes

### Morning Session:

### Day Two

### Afternoon Session:

- Fundamentals to Lean Basics continued;
- Push vs. Pull Production (Single Piece Flow)
  - Single Piece Flow Versus Batch
  - Benefits of using the Single Piece Flow
- Quick Change-overs
  - Introduction to Quick Change-overs and SMED (Video and discussion)
  - Key steps in Reducing Time for Change-overs
- Error Proofing (Demo)  
Introduction to Error Proofing (Video and discussion)  
The benefits of practicing it in your Company
- **Exercise, 3rd round**
  - Case Study 1
  - Case Study 2
  - Case Study 3

- Management's involvement in supporting this Lean / Six Sigma initiative
- Kaizen Blitz or Rapid Improvement Processes (Demo)  
  
Introduction to Rapid Improvement Process (RIPs) / Kaizen Events
  - Why Management's support needed to sustain the benefits of RIP
  - Performing assessments and setting RIP goals
  - Documentation support needed to make RIP's successful
  - How to evaluate the savings from RIP's
- Development of an Action Plan to implement Lean principles across the organization
  - Measuring and tracking the results of Lean initiatives and RIP's
  - Identifying more improvement opportunities for participant's company (exercise)
- Customizing your plans to start implementing Lean Manufacturing

### TYPICAL RESULTS

**Automotive parts manufacturing and assembly operation;**  
Facilitated 16 Rapid Improvement Process for a combined annual savings of \$ 2,500,000 (16 one week RIP's)

**Pharmaceutical Manufacturer;**  
Reduce scrap of Raw Materials from 6% to 1.2%  
Reduce consumption of energy by 56%  
Savings of over \$ 200,000 annually (6 months)

**Consumer goods manufacturer;**  
Increase production from 80 units to 124 units per hour, annually increased production worth over \$ 3,000,000 (9 months)  
Rapid Improvement Process reduce cycle time by 25% and reduced material handling by 35% for annual savings of \$ 135,000 (\*1 week)

**Repair and overhaul of oil industry submersible motors;**  
Reduce 24.5 hour process to 19 hours  
Reduce drying process from 12 hours to 2 hours  
Savings of \$ 436,000 annually (15 days)

**Electronics warehouse receiving**  
Reduce 31 step processes to 9 steps  
Reduce cycle time from 9 days to one day  
Savings of \$ 2,000,000 annually (6 months)

### EXPERIENCE the LEARNING of

- ✓ A Systematic approach for implementing Lean practices
- ✓ How to identify Hidden Wastes and how to eliminate them
- ✓ What is needed to sustain the gains  
Rapid improvement Process teams can make

### Satisfaction Guaranteed

As part of our professional commitment to quality we offer a satisfaction guarantee. If, at the end of the first day, you feel the workshop is not adding value for your organization, simply let us know and we will credit your registration fee to any other program or service offered by Expitris.

## About the Leader

# and his Malaysian's clients

*“Smart manufacturers will be those who meet the challenges of globalization, inventory minimization & Speed to market”*

### About the Leader

Mike Wader has more than 30 yrs of hands-on experience in implementing Lean principle plus 10 years of teaching and consulting experience. He is a **Certified Quality Manager** and **Certified Quality Auditor** who has taught and mentored managers and work teams in the electronics, aviation, mini steel mill, warehousing, consumer products and automotive industries. He is frequently requested as a speaker at Quality Conferences in the U.S. and has presented trainings in Taiwan, Korea, England, India, Sri Lanka, and the U.S. Mike has developed customized Quality Awareness, Excellence in Customer Services, Leadership Responsibilities and Lean Manufacturing courses for manufacturing, warehousing distribution, maintenance and servicing organizations of 150 to 10,000 employees. His impact as a trainer and the catalyst for action has consistently produced substantial cost savings results during Kaizen events and Action Work Outs. Mike has over 10 years of pleasing audiences in India, Taiwan, Korea, Philippines, Thailand, Sri Lanka, Malaysia, Dubai, Indonesia, Russia, U.K. and the United States. He is an award winning leader & recognized motivator of **“Champions for Quality”!** Helping potential leaders recognize their roles in implementing Lean Manufacturing practices along with understanding the challenges of global quality standards is a skill that Mike excels at.

### Mike has this to say about Malaysia...

*Why Malaysia, why Lean, why Now? I asked this question in the Fall of 2004 and the answers I got were varied. Malaysian automotive and electronics parts manufacturers who are part of MNCs have implemented Lean practices with great success. Other companies chose to wait and see if it was needed. Today we can see those globally competitive companies within Malaysia who are successful...they chose Lean.*

*With prices being globally challenged, you have to keep your prices down. So...the only way to increase profit is to reduce cost.*

*Implementing Lean practices across your entire organization will lower your operations costs and increase your profit margins!!!*

**Michael Wader, President  
Leadership Excellence International, Inc. U.S.A.**

### Quotes from Malaysian's clients:

- A very useful course for any company that wants to stay competitive  
*General Manager  
Lam Soon Edible Oils S/B*
- Excellent Course that helps me and all other participants to “THINK” on what can be improved”  
*Production Superintended  
Western Digital (M) Sdn Bhd*
- Very good trainer and workshop was conducted in a very professional way with excellent case studies  
*Production Engineer,  
OYL Condair Ind' Sdn Bhd*
- A lot of various aspects in implementing lean principles, very good.  
*Manufacturing Manager  
Freescale (M) Sdn Bhd (formerly known as MOTOROLA)*
- Very good and satisfactory course excellent knowledge in Implementing Lean practices, great delivery  
*Director, Production Operation  
Infineon Technologies Sdn Bhd*
- Believe it or Not! You must try this course, You can gain your profitability.  
*Manager  
Pernec Advanced Network Sdn Bhd*

### Some of Mike's Malaysian Clients

- |                              |                                 |
|------------------------------|---------------------------------|
| Infineon Technologies S/B    | Freescale Semiconductor (M) S/B |
| Western Digital (M) S/B      | Lam Soon Edible Oils            |
| Texas Instruments (M) S/B    | Flextronics Technology S/B      |
| Sony EMC (M) S/B             | JTI Tobacco S/B                 |
| Kossan Japan Rollers S/B     | Proton Holding Bhd              |
| United Plastic S/B           | OYL Condair Industries S/B      |
| Shimano S/B                  | Q L Foods S/B                   |
| Dowell Schlumberger Int. Inc | Yeo Hiap Seng (M) S/B “YEOS”    |
| Silverstone Bhd              | Automotive Industries S/B       |
| J.K Wire Harness S/B         | Kerry Ingredients (M) S/B       |
| ASE Electronics (M) S/B      | TKR Manufacturing (M) S/B       |
| LCL Furniture S/B            | Harta Packaging Ind, S/B        |
| B Braun Medical Ind, S/B     | Weng Meng Industries S/B        |
| Singatronics (M) S/B         | V.S Industries Bhd              |
| Fullmarks Mfg, S/B           | ... and many more.              |

### Some of Mike's International Clients

- |                  |                                  |
|------------------|----------------------------------|
| GlaxoSmithKline  | Qualtek Manufacturing INC        |
| Caltex           | Raytheon Electronics             |
| Valeo            | Purchased Parts Group            |
| Stanley Aviation | OAo (Russian Company)            |
| Sentry Safes     | Confederation of Indian Industry |
| Novartis         | ... and many more ...            |

**REGISTRATION FORM**

24 - 25 May'10 Melia Hotel Jln Imbi Kuala Lumpur, Malaysia



100%  
HRDF  
Claimable

**Achieving Excellence in Lean Manufacturing**

- REGISTRATION FEE** RM 2,485/- Normal price
- EARLY Bird** RM 2,285/- register before 7 – May'10
- Super EARLY BIRD** RM 1,985/- register before 28 - April'10

Training fees include: tuition, course material, lunches and refreshments, Certificate, Free pocket book

**Fax:** Print and fax completed registration form to **Jim-e** at 03 - 7984 2211.

**Group Promotion**  
**RM1,885/-per person**  
**For a Group of 3 and more**  
**Register Before 15 May'10**

NAME (IN FULL)	DESIGNATION	HAND PHONE NO:*	DELEGATE'S Email Address

\*In case there are last minute changes

**Organization:** \_\_\_\_\_

**Postal Address:** \_\_\_\_\_

**Tel:** \_\_\_\_\_ **Fax:** \_\_\_\_\_

**Approval**

*This Booking form is invalid without signature .*

**Name of the Authorized Person** \_\_\_\_\_

**Position** \_\_\_\_\_

**Date:** \_\_\_\_\_

**Contact Person:** \_\_\_\_\_ **Position** \_\_\_\_\_

**Tel** \_\_\_\_\_ **Email:** \_\_\_\_\_

Signature

**Mode of Payment:** Cheques or Bank Drafts to be made payable to **Expitris Worldwide Sdn Bhd**

**Bank-in or Transfer :** **Name:** Expitris Worldwide Sdn Bhd, **Bank:** Maybank Bhd, **Account No.:** 5-14356-70986-6

*Note: Please fax the bank-in slip at 03-7984 2211. Payment is required within 5 working days on the receipt of invoice. All payment must be received before the event.*

**Cancellations:** Should you be unable to attend, we will accept your written cancellation by no later than 2 weeks prior to event. Thereafter, we regret we are unable to refund any fees, although in such case we would be happy to welcome a colleague who would substitute your attendance. This must please be confirmed in writing.

**Brought to you By:** Expitris Worldwide Sdn Bhd.(641332-X)

# In-house / onsite Programs

## In-house Programs

We offer highly effective in-house training tailored for your company's needs. Some of the running in-house trainings are as below. However, we are more than happy to answer your needs on any program you may require to be implemented at your company premises. These are very practical and hands-on programs presented by more than 30-year experienced local and international trainers.

<u>Title</u>	<u>Duration</u>	<u>Dates</u>	<u>Fees</u>
<u>Lean Manufacturing Bahasa Malayu (BM) / English</u>	<u>(2-3 days)</u>	<b>To be decided by the client</b>	<b><u>Ask for In-house proposal to get the latest prices</u></b>
<u>5'S Bahasa Malayu (BM) / English</u>	<u>(2 days)</u>		

International and Local Trainers.

To book our trainers for in-house program please call David / Gim / Julian at: 03 - 7984 2200 / or email : info@expitris.com