

Total Plant Management Workshop 2010

A two-day workshop to assist maintenance managers, plant managers and production managers to develop a lean approach to plant management in a manufacturing enterprise. This workshop will give you philosophy and tools to take away that work and are tried-and-true ways to improve your production process.

Shanghai, China
26th & 27th August 2010

Trainer:
Bin Li

He had been senior production executives, production center part-time trainer, core team member of TPM activities, and internal trainer in a well-known multinational company. In early 2000, changed from production management to specialize in providing education and training to production operations related staff, the main job was to provide training to nationwide sub-companies, the core suppliers and other related enterprises; after that he worked as part-time trainer, training consultant in School of Management of a domestic enterprise.

From July 2002, he worked as a professional trainer, cooperated with a number of management consultant companies engaged in management training nationwide, including internal training and public courses. As a project manager and core members, he worked with other project team members co-counseling enterprises including machinery, beer industries, etc., in which the TPM activities for a well-known enterprises in Tianjin achieved remarkable results: the downtime rate of the demonstration equipments reduced and stabilized at 1/20 of the original level, with an average increase of nearly 12% in production capacity and average savings of more than 1 million per month. Other production lines' efficiency had also been improved, the demonstrated production line's OEE increased by nearly 15%.

Mr. Li advocate training concept of "happy to learn and enjoy work", pursue of practical learning concepts of "learner-centered, easily understood, can remember, usable". Since engaged in professional training, more than 13,000 students attended his public courses, some typical clients include Bohai Shipyard of PetroChina, Dalian ITT Flygt Pump, ABB Shanghai, LG Chemical, LG Tongchuang, SGENEC, Tianjin Denso air-conditioning, Hisense mobile phone, Uni-President Enterprises Corp., SMC (China), Lenovo Computer, Gates Unitta, Chery Auto, Samsung, Siemens, Pepsi-Cola China, SONY Chemical, Timken, Sun Machinery, Liufeng Machinery, Sumitomo Electric, Flextronics, Suzhou Metrologic, Huiyuan Juice, Red Bull drinks, Qingdao Beer, 999 medicine, Lanbao pharmaceuticals, Shanghai Yongda elevator, Japanese state printing, Panasonic Communications, Daewoo Heavy Industries, Huaqiang Sanyo Dalian, Shenyang Astron chemical, Howden Weihai, etc.; Up to now has completed more than 230 in-house trainings for companies such as: Sany Heavy Industry, Shanghai Maglev, Dongfeng Honda Engine (Guangzhou), Dongfeng Honda Automobile Parts (Huiyang), Yutong Bus (Luoyang plant), Shandong aluminum plant of CHINALCO, Shanxi Aluminum Plant, Danjiangkou aluminum of Hanjiang Group, Tradex Converting Co., Ltd., Wuxi Lihu Impeller, Asiatrak Tianjin, Qinhuangdao Dicastal Wheel, Yantai Timken, Yuasa Battery (YUASA), Punch Industry (Dalian), Philips Lighting, Makita China (Kunshan), Tianwei Baobian Group (Baoding), Tianjin Tianhai synchronizer, Suzhou Grande Electronics, China-Arab fertilizer, Weishen pharmaceuticals of CSPC, Zhongnuo pharmaceutical, Taishan beer, Swire Coca-Cola, Perfect China, Nanjing Phoenix Contact, Guangzhou Pusheng Speakers, Guangdong Jinsha Paints, Sate-Lite (Foshan) Plastics, ECCO (Xiamen), Quanzhou Xinhuanghe Clothing etc.



What the seminar will help you to achieve:

- History of TPM / Basics of Lean Enterprise
- 7 Types of Waste / 5S-Method
- The 5 Basic Steps to Implement TPM
- How to Identify The Most Critical Asset
- Concentrated OEE Improvement of Critical Assets
- Case Study "Calculation of the OEE"
- Basic Inspection as First Step
- Planned Maintenance System
- Autonomous Maintenance System
- Training and Qualification
- Planning and Development of New Assets
- Best Practice Report

About Martin Linking

Martin Linking Business Consulting plans to produce more than 80 trainings and conferences and works with senior executives from the majority of the world's top 1000 companies to improve their business strategy and match their learning and training needs in one year. And we continue to grow.

We also invite the leading business practitioners, industry decision makers and innovators to share insights, best business practice, and new technology at our forums. **We are dedicated to give attendees cutting edge information they can use immediately.** We constantly research and listen to all industry sectors to ensure that the business intelligence we provide is timely and cutting-edge.

Pre-Course Questionnaire

In order to tailor this course precisely to your needs, the course leaders would value information on your knowledge, experience and requirements.

0830 Registration and Morning Coffee

0900 Workshop Introduction

0930 Session One - History of TPM / Basics of Lean

Enterprise:

- The success story of Toyota to become Best in Class
- The Toyota Production System "House"
- The role of TPM in the Toyota Production System
- 12 Steps to introduce TPM – the approach of the Japan Institute of Plant Maintenance (JIPM)

1030 Morning Refreshment and Networking Break

1100 Session Two - 7 Types of Waste / 5S-Method:

- The continuous improvement method as a key to eliminate waste
- How non-value added work can be reduced
- The 7 types of waste and typical examples
- The 5S - applied in the right way is the fundament for Lean Production
- Visual management for a clean working area and transparency of deviations

Team exercise

Session Three - The 5 Basic Steps to Implement TPM:

- Concentrated OEE improvement of critical assets
- Planned maintenance systems
- Autonomous maintenance systems
- Training and qualification
- Planning and development of new assets

1200 Networking Luncheon

1330 Session Four - How to Identify The Most Critical Asset:

- The benefits of using value stream design to identify critical assets
- Customer tact as the production pace maker
- How to develop a production volume matrix
- Production volume matrix to define the target of tact and availability
- Data analysis of break downs and availability

1500 Afternoon Refreshment and Networking Break

Team exercise

1530 Session Five - Concentrated OEE Improvement of Critical Assets:

- The effects of stable processes
- The definition of OEE and TEEP
 - The identification of the 6 losses
 - The difference between effectiveness and efficiency
 - The availability of equipment
 - The performance of equipment
 - The quality of equipment
- Ways of collecting data manually
- What's important to know when using automatically generated data

Session Six - Case Study "Calculation of the OEE":

- Calculation of the OEE and TEEP for a case example

1700 Closing Remark and End of Day One

Workshop Schedule

Day One & Two

- 0830 Registration and Coffee
- 0900 Workshop Commences
- 1030 Morning Refreshments
- 1100 Workshop Re-commences
- 1200 Luncheon
- 1330 Workshop Commences
- 1500 Afternoon Refreshments
- 1530 Workshop Re-commences
- 1730 Workshop Concludes

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0830 Registration and Morning Coffee

0900 Workshop Introduction Warm Up

Session Seven - Basic Inspection as First Step:

- Using the defect system to visualize defects and problems and eliminate them
- Checking the equipment by cleaning
- The organization of a basic inspection

1000 Morning Refreshment and Networking Break

1030 Session Eight - Planned Maintenance System:

- Long term lifecycle maintenance
- Targets of a Best in Class maintenance system
 - Zero defects
 - Zero losses
 - Zero waste
 - Zero accidents

Team exercise

Creating and maintaining world class operations at economic costs

Session Nine - Autonomous Maintenance System:

- Organization of operational maintenance activities
 - Preventive maintenance
 - Predictive maintenance
 - Corrective maintenance
 - Periodic maintenance

Team exercise

Development of checklists for autonomous maintenance

- Start up checklist
- Preventive maintenance checklist

1200 Networking Luncheon:

1330 Session Ten - Training and Qualification:

- Definition of the qualification of needs
- Developing a capable and competent workforce
- Employees are your most valuable asset but also the hardest to control and predict
- Motivation is the key to good quality and production efficiency
- Necessity of good staff management in manufacturing
- The qualification matrix
- The implementation of Shopfloor management to improve TPM processes

Session Eleven - Planning and Development of New Assets:

- Early management of equipment introduction - application of MP (Maintenance Prevention) in equipment introduction and its early management
- Early equipment management to achieve and realize a leveled production

1500 Afternoon Refreshment and Networking Break

1530 Session Twelve - Case Study:

- The 5 steps of implementing a Best in Class TPM concept
- Developing the basic steps of your TPM concept

Session Thirteen - Best Practice Report:

- The implementation of TPM in an automotive production plant
- Discussion of different approaches to implement TPM

Team exercise

1700 Closing Remark and End of Training

What to expect:

Trainer:

Bin Li

Come with an open mind and get ready for an energetic experience. Find out what the key issues for the lean production are and how to implement TPM. Find out how to get yourself ready for progress and learn practical ways to achieve success.

Mr. Bin Li is someone who will share what he has used himself and what he has seen others do. We invite you to benefit from his experience and help you to adapt it to your own situation. You will walk away with many valuable lean tools and ideas that instantly can be implemented in your factory. He will make you understand the key philosophy and principles of TPM.

Make total plant management a key success factor for your company and realize how manufacturing and production management fits into the strategic plans.

The presentations and discussions will be centered on lean production and how to measure and improve quality, efficiency and costs.

In-House Training Solutions

If you have a number of delegates with similar training needs, then you may wish to consider having an In-House Training solution delivered locally on-site. Course can be tailored to specific requirements.

Please contact **Whitney Shen** on **+86 28 6552 1255** or email **whitney.shen@martinlinking.net** to discuss further possibilities.

全员工厂管理培训 2010

这是一个为期两天的培训以协助维修经理，工厂经理，生产经理在制造型企业的生产管理中采用精益的方法。这次培训将提供给您许多能拿走即用的和久经考验的理念和工具以改善您的生产过程。

中国上海
2010年8月26-27日



培训师:

李斌

曾经担任著名跨国企业高级生产主管，生产中心兼职培训师，TPM 活动小组核心成员，内部培训师。2000年初，从生产管理转向专门对生产运作相关员工进行教育训练，主要工作是在全国范围内相关兄弟公司、核心供应商及其他关联企业实施培训；后在国内企业管理学院担任兼职培训师、培训顾问。

2002年7月始作为职业培训师，与多家管理顾问公司合作，全国范围内从事管理培训，包括内部培训和公开课培训。作为项目经理和核心成员，与项目组成员共同辅导的企业包括机械、啤酒等，其中天津某著名企业的 TPM 活动，取得显著效果：示范设备故障停机率降低并稳定在原来的 1/20，平均产能提升接近 12%，月平均节约 100 多万元，其他生产线效率也得到改善，示范生产线的 OEE 水平提高近 15%。

李老师倡导“快乐学习、享受工作”的培训理念，追求“以学员为中心、听得懂、记得住、用得上”的实用学习理念。从事职业培训以来，公开课学员累计已超过 13000 人，部分代表性客户如中石油渤海修船厂、大连ITT飞力泵业、上海 ABB、LG 化学、LG 同创、北京首钢日电、天津电装空调、海信手机、统一工业、SMC（中国）、联想电脑、盖茨优霓塔、奇瑞汽车、三星电子、西门子、百事可乐中国、索尼凯美高、铁姆肯、太阳机械、六丰机械、住友电工、伟创力电子、苏州码捷、汇源果汁、红牛饮料、青岛啤酒、三九药业、蓝宝制药、上海永大电梯、日邦印刷、松下通信、大宇重工、大连华强三洋、沈阳阿斯创化工、威海豪顿华工程等；截止目前入厂内部培训企业已完成230多家，服务的部分代表性客户如：三一重工、上海磁悬浮、东风本田发动机（广州）、东风本田汽车零部件（惠阳）、宇通客车（洛阳工厂）、中国铝业集团山东铝厂、山西铝厂、汉江集团丹江口铝业、特瑞胶黏配件有限公司、无锡蠡湖叶轮制造、亚实履带天津公司、秦皇岛戴卡轮毂、烟台铁姆肯、汤浅蓄电池（YUASA）、大连盘起工业、飞利浦照明、牧田中国（昆山）、天威保变集团（保定）、天津海同步器、苏州群鑫电子、中国-阿拉伯化肥、石药集团维生制药、中诺制药、泰山啤酒、太古可口可乐、完美中国、南京菲尼克斯电气、广州普笙音箱、广东鲸鲨制漆、顺德赛特莱特塑胶制品、厦门ECCO（丹麦）鞋业、泉州新黄河服装等。

这次培训将在以下方面给您帮助:

- 精益思想与 TPM 发展历史
- 7 大浪费与 5S 实践
- 实行 TPM 的 5 个基本步骤
- 如何确定关键设备
- 关注于关键设备 OEE 与 TEEP 的提高
- 案例研究“OEE 的计算”
- 设备初期清扫与检查
- 专业计划保养实践方法
- 生产自主保养实践方法
- 教育训练与员工培养
- 新设备的早期规划与开发管理
- 最佳实践报告

关于马汀令可

马汀令可商务咨询计划每年组织超过80场的培训和会议，与全球1000强公司的高层经理一起提高他们的商务战略，满足他们的学习和培训需求。并且我们在不断成长。

我们邀请领先企业的管理者，决策者和创新者在我们的活动中分享他们的思想观念，最佳商业实践和新技术。我们致力于为我们的客户提供即刻可用的前沿信息。我们不断地研究和聆听所有行业的声音来保证我们提供商业信息的及时性和前沿性。

马汀令可专业培训

课程预问卷

为了确保这一课程正是适应了您的需求，培训师将通过它来评估您的知识，经验和需要。

2010年8月26日 星期四

0830 签到和早茶

0900 培训介绍

0930 第一节 - 精益思想与 TPM 发展历史:

- 丰田的成功故事, 成为同类最佳
- 丰田生产系统“家”的概念
- 丰田生产系统中的 TPM 的角色
- 12 个步骤推行 TPM - 日本工厂维护研究所 (JIPM) 的方法

1030 上午茶歇和人际交流

1100 第二节- 7 大浪费与 5S 实践:

- 持续改进的方法是消除浪费的关键
- 如何减少非增值工作
- 7 种浪费和典型的例子
- 5S - 如果应用方式正确将是精益生产的根本
- 用可视化管理创造清洁的工作区域和提高偏差的透明度

小组练习:

第三节 - 实行 TPM 的 5 个基本步骤:

- 集中于关键资产 OEE 的改善
- 计划维护系统
- 自主维护系统
- 培训和资格
- 规划和发展新的资产

1200 午餐及人际交流

1330 第四节 - 如何确定关键设备:

- 利用价值流设计确定关键资产的好处
- 作为生产领跑者的客户技巧
- 如何制定产量矩阵
- 用产量矩阵界定识别和可用性的目标
- 故障和可用性的数据分析

小组练习:

1500 下午休息和人际交流

1530 第五节 - 关注于关键设备 OEE 与 TEEP 的提高:

- 稳定过程的效果
- OEE 和 TEEP 的定义
 - 6 种损耗的识别
 - 效果和效率之间的差异
 - 设备的可用性
 - 设备的性能
 - 设备的质量
- 手动收集数据的方法
- 使用自动生成的数据时需要知道的重要方面

第六节 - 案例研究“OEE 的计算”:

- 计算的 OEE 和 TEEP 的案例

1700 结束语, 第一天结束

培训时间表

第一天和第二天

- 0830 签到和早茶
- 0900 培训开始
- 1045 上午休息
- 1115 培训继续
- 1200 午餐
- 1300 培训开始
- 1500 下午休息
- 1530 培训继续
- 1730 培训总结

关于马汀令可

马汀令可商务咨询计划每年组织超过 80 场的培训和会议, 与全球 1000 强公司的高层经理一起提高他们的商务战略, 满足他们的学习和培训需求。并且我们在不断成长。

我们邀请领先企业的管理者, 决策者和创新者在我们的活动中分享他们的思想观念, 最佳商业实践和新技术。我们致力于为我们的客户提供即刻可用的前沿信息。我们不断地研究和聆听所有行业的声音来保证我们提供商业信息是及时和前沿的。

2010年8月27日 星期五

0830 签到和早茶

0900 培训介绍

第七节 - 设备初期清扫与检查:

- 使用缺陷系统使得缺陷和问题可视化并消除它们
- 通过清洗检查设备
- 组织基本检验

1000 上午茶歇和人际交流

1030 第八节 - 专业计划保养实践方法:

- 长期生命周期维护
- 一流维护系统的目标
 - 零缺陷
 - 零损耗
 - 零浪费
 - 零事故
- 以经济的成本创建和维护世界一流的运营

小组练习

第九节 - 生产自主保养实践方法:

- 组织运营维护活动
 - 预防性维护
 - 预知维修
 - 改良维修
 - 定期保养
- 制定自主维修检查表
 - 启用检查表
 - 预防性维护检查表

小组练习

1200 午餐及人际交流

1330 第十节 - 教育训练与员工培养:

- 定义需要的资格
- 发展一支胜任工作又能干的队伍
- 员工是你最宝贵的资产同时也最难控制和预测
- 激励是高质量和高生产效率的关键
- 制造企业中良好员工管理的必要性
- 资格矩阵
- 实施现场效率管理以改善 TPM 流程

第十一节 - 新设备的早期规划与开发管理:

- 设备引进的早期管理-MP(Maintenance Prevention)思想在设备引进及早期管理中的应用
- 早期设备管理以达到和实现均衡的生产

1500 午间休息及人际交流

1530 第十二节 - 案例研究:

- 实施一流 TPM 概念的 5 个步骤
- 发展您的 TPM 的概念基本步骤

第十三节 - 最佳实践报告:

- 一家汽车生产厂 TPM 的实施
- 运用不同的方法实施 TPM 的探讨

小组练习

1700 结束语, 会议结束

您所期望的:

培训师:

李斌

以开放的心态来吧, 准备得到一个积极的体验。弄明白什么是精益生产的关键事情及如何实现 TPM。了解如何让你自己取得进步并学习实际的方法来取得成功。

李斌先生是一位愿意分享他自己使用和他所看到别人使用的方法的人, 这样你就可以从他的经验中学到很多并把这些根据您的具体情况加以运用。你会得到许多宝贵的工具, 并可以在明天马上使用。他将帮助你理解TPM的理念和原理。使全员工厂管理成为贵公司取得成功的关键领域, 并认识到如何使得制造和生产管理融入您公司的战略计划。

专题介绍和讨论将集中在精益生产如何衡量和提高质量, 效率和成本。

内训方案

如果公司有许多人有类似的培训需要, 那么你不妨考虑内部培训的解决方案。培训将在贵公司现场举行。并且培训可以根据您具体的要求来进行

请联系 **Whitney Shen** 来讨论合作的可能:

电话: **+86 28 6552 1255**

电邮: **whitney.shen@martinlinking.net**

Total Plant Management Workshop 2010

SH10034-Sales Contract-Please Complete in Capital Letters and Black Ink

Sales Contract

Please complete this form immediately and fax back to

Whitney Shen

Fax No: +86 28 6552 1233

Fee Per Delegate

Two Day Training Fee RMB 6995 per person

All the registered delegates are entitled for a set of documentation free of charge

DOCUMENTATION RMB 500

If you are unable to attend the conference/training but wish to receive copies of the conference/training documentation, please complete the sales contract, tick this box and return the contract with payment details.

Full Payment is required within 5 working days

Name: _____

Position: _____

Email: _____

Name: _____

Position: _____

Email: _____

Name: _____

Position: _____

Email: _____

Organisation: _____

Address: _____

Town: _____ State: _____ Postcode: _____

Tel: _____ Fax: _____

Nature of Business: _____

Company Size: 1-99 100-249 250-499

500-999 1000+

Authorization

(Signatory must be authorized to sign on behalf of contracting organization.)

Name: _____

Position: _____

Signature: _____ Date: _____

This booking is invalid without a signature.



Register Now

Contact: Whitney Shen

Tel:+86 28 6552 1255

Fax:+86 28 6552 1233

Email: whitney.shen@martinlinking.net

Business Opportunities

An exhibition space is available at the conference. Sponsorship opportunities covering lunch, evening receptions and advertising in documentation packs are also available. Please contact Ms. Whitney Shen at +86 28 6552 1255.

Payment Method

Our payment terms are 5 working days on receipt of invoice and full payments can be made by bank transfer.

开户名: 成都马汀令可商务咨询有限公司

开户行: 中国工商银行成都市暑袜南街支行

账号: **4402928009022523952**

CONFIRMATION DETAILS: After receiving payment, a receipt will be issued. If you do not receive a letter outlining the conference details two weeks prior to the event, please contact the Conference Coordinator at Martin Linking.

Terms & Conditions:

1. Fees are inclusive of program materials and refreshments.
2. Payment Terms - Following completion and return of the registration form, full payment is required within five (5) working days upon the issuance of invoice. Payment must be received prior to the conference/training date. A receipt will be issued on payment. Due to limited conference/training seats, we advise early registration to avoid disappointment. We reserve the right to refuse admission if payment is not received on time.
3. Client's Cancellation/substitution - Provided the total fee has been paid, client's cancellation must be received in writing by MAIL or FAX four (4) weeks prior to the event in order to obtain an 85% credit to attend for any future **Martin Linking** Events. Under such circumstances, **Martin Linking** will retain the other 15% service fee to cover expenses for prior cost that has already been incurred upon the acceptance of registration. All bookings carry a 50% cancellation liability immediately after a signed sales contract has been received by **Martin Linking**.
4. If, for any unexpected circumstances or reasons that **Martin Linking** decides to postpone this event, the client hereby indemnifies and holds **Martin Linking** harmless from any cost incurred in by the client. The event fee will not be refunded, but can be credited to future **Martin Linking**' s events. **Martin Linking** reserves the right to change the content without notice.
5. Copyright etc. - All Intellectual Property rights in all materials produced or distributed BY **Martin Linking** in connection with this event is expressly reserved and any unauthorized duplication, publication or distribution is strictly prohibited.
6. Important note: In the event that **Martin Linking** permanently cancels the event for any reason whatsoever, (Including, but not limited to any force majeure occurrence) and provided that the event is not postponed to a later date nor is merged with another event, the client shall receive a refund for the amount that the Client has paid to such permanently cancelled event.