



ETHA Engineering Pte Ltd
 "Your Partner in Efficient Energy and Environmental Solutions"
 Etha in Greek means EFFICIENT.
 Etha Engineering was founded under the philosophy of providing "EFFICIENT Energy & Environmental Solutions" to the marketplace.

With the declination of resources worldwide, coupled with an increasing awareness of using GREEN technology and an urgent need for industries to seek efficient and affordable energy savings measures, ETHA offers two areas of solutions to the marketplace.

- 1) Green & Energy Efficient Solutions to existing or new air-cooled or water-cooled air-cons
- 2) Chemical-free disinfection methods using UV, Ozone or Plasma

In today's competitive business environment, companies/organisations are constantly looking for solutions that use energy efficiently with the intention of cutting down expenses.

However, statistics have shown that one of the main cost drivers for high tech manufacturing facilities, automated manufacturing processes, tall commercial sky scrapers, tourist resorts, learning educational institutions and many other developments is electrical consumption pertaining to air conditioning and refrigeration.

To solve these costly problems, ETHA'S goal is to provide efficient energy and environmental solutions which will result in a greater cost savings and a greener environment for our customers through the use of innovative, proprietary and proven technology.



The Plant Maintenance Resource Center is the leading on-line resource for Maintenance and Reliability professionals, with links to over 700 articles on Maintenance-related topics, listings of several hundred Maintenance-related software packages, including Computerised Maintenance Management software, reliability modeling software, spare parts optimisation software and more. A regular email newsletter contains informative articles and other information of

interest to Maintenance professionals. An active discussion forum allows members to share experiences, ask questions of experts and their peers, and keep abreast of advancements and best practices. And all of this is free of charge. Visit www.plant-maintenance.com today.

ETHA'S Proprietary Solutions will help you to:

- Reduce energy savings of up to 35% for air cooled system
- Reduce overall savings of up to 15% for water cooled system
- Reduce usage of harmful chemicals for disinfection in Cooling Towers
- Replacing chlorine usage with clean UV Technology

Testimonials:

Case Profile: Shopping Centers / Malls

"Over the past 2 years, Palm Town Center has saved \$20,000 per month of operation. This is a remarkable energy savings of 29%. . . . if more California businesses would switch to evaporative condensers, our peak electricity problems could be eliminated."

- Bobby McKenney, Palm Town Center Maintenance Department

Case Profile: Hotels

"The system has already paid for itself, in terms of energy savings, which is the name of the game! In fact, our latest figures indicate, our energy bills have been over 5% less than your predictions."

- Steve Sparks, Managing Partner, Wingate Inn hotel in Bozeman

Case Profile: Office Buildings

"The Nauticon™ evaporative condensers were selected primarily because the cost of energy in New England is very high and evaporative condensers save about 20% of compressor energy over air-cooled condensers. This makes a big difference."

- Gabe Peters, Engineer, Greentech - an energy equipment company.

Maintenance Management

This course is accredited with 14 PDUs with the Professional Engineers Board, Singapore

Bookable at Two Venues

30 – 31 May 2005, JW Marriott Kuala Lumpur, MALAYSIA
2 – 3 June 2005, Grand Copthorne Waterfront SINGAPORE

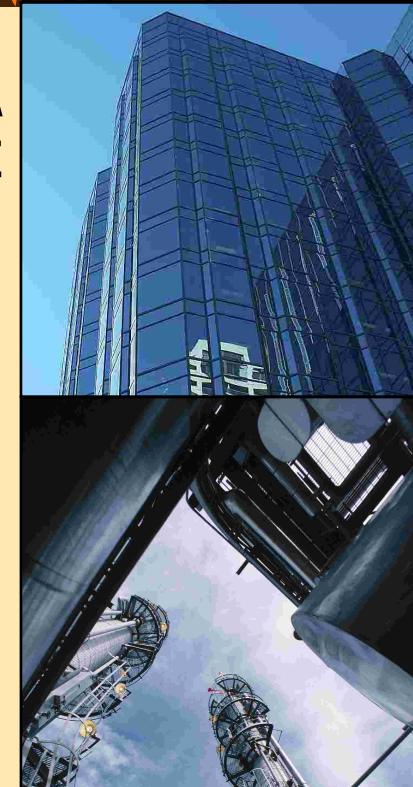


Led by **Joel D. Levitt**

Top-notch trainer of maintenance professionals worldwide, Founder and President of Springfield Resources and Author of

"The Handbook of Maintenance Management"

(FREE to all attendees - worth US\$59.95)



Registration Form

Maintenance Management

Registration for Malaysia's Workshop

Registration Fee: RM3,200 Nett
 To register, contact:
Partners Conferences Sdn Bhd at:
 Tel: 603-2169 6296
 Fax: 603-2169 6168
 Email: enquiries@partners-conference.com

Registration for Singapore's Workshop

Registration Fee: S\$1,495 Nett
 To register, contact:
Partners Conference & Event Management Pte Ltd at:
 Tel: 65-6786 7363
 Fax: 65-6786 3282
 Email: enquiries@partners-conference.com

YES! Please register me / us for the Maintenance Management Workshop

Please tick the relevant box to indicate your choice of venue

- 30 - 31 May 2005, JW Marriott Kuala Lumpur, Malaysia
 2 - 3 June 2005, Grand Copthorne Waterfront, Singapore

Name of Delegates	Designation	Email
1. _____	_____	_____
2. _____	_____	_____
3. _____	_____	_____

Approving Manager

Name: _____ Designation: _____ Email: _____
 Organisation: _____ Address: _____
 _____ Postal Code: _____ Country: _____ Tel: _____ Fax: _____

METHODS OF PAYMENT

For Malaysia's Workshop

Bank Transfer
 Account Name: **Partners Conferences Sdn. Bhd.**
 Account Number: 214-231-000-11-851
 Pay to: RHB Bank Berhad
 Address: Plaza OSK, Jalan Ampang, Kuala Lumpur, Malaysia

For Singapore's Workshop

Bank Transfer
 Account Name: **Partners Conference & Event Management Pte Ltd**
 Account Number: 501-584692-001 (Bank Code: 7339)
 Pay to: OCBC Bank (SWIFT Code: OCBCSGSG)
 Branch: OCBC Centre

Cheque

Please make your crossed cheque payable to **"Partners Conferences Sdn. Bhd."**
 Kindly mail your cheque and registration form to:
 Partners Conferences Sdn. Bhd. (Reg. No. 549988-H)
 Level 36, Menara Citibank, 165 Jalan Ampang, 50450 Kuala Lumpur, Malaysia

Cheque

Please make your crossed cheque payable to **"Partners Conference & Event Management Pte Ltd."**
 Kindly mail your cheque and registration form to:
 Partners Conference & Event Management Pte Ltd (Reg. No. 200210370R)
 2 Flora Drive, #08-36, Singapore 507025

Who Should Attend

This seminar is designed for those who are responsible for their organisation's maintenance programme. It is appropriate for a variety of maintenance specialties including *manufacturing plants, buildings, equipment and fleets*. If you are responsible for cutting costs and maximising productivity in your organisation, this seminar is just for YOU!

Key Learning Benefits of Attending this Course

Discover how you can ...

- **Develop, install and fine-tune** your maintenance system;
- **Achieve** optimum use of existing labor, parts and equipment;
- **Increase** maintenance efficiency by targeting the trouble spots;
- **Optimise** your use of scarce resources;
- **Reduce** downtime up to 75%;
- **Assess and audit** the effectiveness of your current and future maintenance programmes;
- **Design** a responsive reporting system that will meet your changing needs;
- **Schedule** repairs and deliver reliable results even with emergencies;
- **Formulate** an effective maintenance marketing effort with operations and top management

Illustrated with practical real-life examples, specific ideas and hands-on exercises, this two-day event will be very practical and informative.

"Excellently presented. A very rewarding experience. Very comprehensive summary of major maintenance issues. Lively delivery. Provided insights on how I can improve the maintenance operations in my company."
 - Low Hock Yong, Engineer, SCEC Maintenance (S) Pte Ltd

Organised by: **PARTNERS**

Supported by:



This seminar is designed for those who are responsible for their organisation's maintenance programme. It is appropriate for a variety of maintenance specialties including **manufacturing plants, buildings, equipment and fleets**. If you are responsible for cutting costs and maximising productivity in your organisation, this seminar is just for YOU!

Learn how to:

- Develop, install and fine-tune your maintenance system
- Determine and keep maintenance inventories at cost-effective levels
- Achieve optimum results through effective training, organisation and staffing of your maintenance department
- Increase maintenance efficiency by targeting the trouble spots
- Reduce downtime up to 75%
- Assess and audit the effectiveness of your current and future maintenance programmes
- Design a responsive reporting system that will meet your changing needs
- Schedule repairs and plan around emergencies
- Formulate an effective maintenance work order

Illustrated with practical real-life examples, specific ideas and hands-on exercises, this two-day event will be very practical and informative. To add value to your learning at this seminar, you will receive an information-packed reference book (worth US\$59.90) that includes:

- Charts
- Checklists
- How-to-do Lists
- Action Sheets

Answers to your Questions!

Let Joel show you how you can establish an effective and positive programme that lowers overall company costs and improves total company productivity!

PLEASE NOTE: TO MAXIMISE YOUR LEARNING AND PARTICIPATION AT THE SEMINAR, THIS SEMINAR IS STRICTLY LIMITED TO ONLY 35 ATTENDEES.

Registration is on a first-come-first-serve basis.

Please book early to avoid disappointment.

Joel D. Levitt



Joel D. Levitt is a top-notch trainer of maintenance professionals. He has personally trained over 7,000 managers and supervisors from over 3,000 organisations in 20 countries in over 400 sessions. With over 20 years' of training experience, Joel brings to the seminar a unique blend of real-world experience as a skilled electrician and computer technician and expert in high technology, psychology and organisational behaviour. Ninety-eight percent rated his training very good or excellent.

Joel is the Founder and President of Springfield Resources, a company that designs and installs management systems in a wide variety of industries including airports, hospitals, high tech manufacturing, primary metal, mining, universities, school systems, military, government, etc. He has extensive experience in all facets of maintenance management including preventive maintenance, inventory control, computerised maintenance, system design and system installation.

Joel has conducted custom-made training and consulting for industry leaders such as **BP, General Electric, Seagate Technologies, Sony, Coca Cola Bottlers, Exxon, MAS Aerotechnologies Sdn Bhd, Motorola, Osram Opto Semiconductors, Siemens, SCM Chemicals and many others.**

Prior to SRC, Joel was a Sr. consultant at Computer Cost Control Corp. He assisted its president design and market computerised maintenance management systems to organisations including FedEx, United Airlines, JFK Airport, BFI, etc. He had also designed, installed and serviced a complete automation with rack control, accounting, and inventory control for BP North America's 30,000-barrel/day-oil terminal. He designed Railroad fuel security and accounting system that was adopted by the American RR Association as the recommended standard.

Joel has written 3 books on maintenance management and chapters of two other books. He has written over two dozens articles for trade publications on maintenance topics.

Click onto

www.maintrainer.com
to find out more about
Joel D Levitt, his
training and subscribe
to his free monthly
newsletter.

WORKSHOP AGENDA

1. Strategic Assessment of Maintenance Operations

- How to examine your current state of maintenance operations?
- How to find dominant maintenance operations patterns?
- What are the tools for evaluating the importance and consequence of maintenance patterns?
- How do assets deteriorate?
- How to estimate maintenance for buildings and equipment?
- How to evaluate your organisation's view towards maintenance?

2. Benchmarking Maintenance

- How to apply tried and proven concepts of benchmarking to maintenance?
- What are the specific formulas, performance measures and techniques for benchmarking maintenance?
- What are the consequences of ignoring hidden costs and how to benchmark hidden item?

3. Re-Engineering Maintenance

- How to re-examine and reinvent the maintenance function?
- How to adopt a top-down approach in re-engineering maintenance?
- What are the tips for successful re-engineering efforts?
- How to incorporate continuous improvements into your maintenance operations?

4. Working with Vendors

- How to apply common sense strategies for working together with vendors (contracting, stock room, vendor partnership and buying maintenance parts)?
- What are the strategies for building "win-win" long-term relationships?
- How to analyse and evaluate suppliers across several categories?
- What are the new maintenance tools? (Grainger's CD ROM and interface, Maint NET and the Internet)

5. Maintenance Insourcing

- How to identify your best partners for maintenance innovation and management?
- How, why, when and where to build internal partnerships with other departments?
- How to apply the state-of-the-art "Total Productive Maintenance (TPM)" strategies and techniques?

6. Maintenance Quality Improvement

- How to evaluate your quality improvements?
- How to apply Deming's quality improvement concepts to maintenance?
- How to align maintenance quality improvement with overall organisational quality goals and objectives?

7. Improving Maintenance Reliability

- How to improve maintenance reliability through Reliability Centered Maintenance (RCM) techniques?
- What is the step-by-step approach to RCM? (P.S: This session will provide you with examples from case studies, interactive worksheets and models for solving real world maintenance problems and challenges)

8. Computer Maintenance Management Systems

- How to leverage on technology to make maintenance more responsive and effective?
- What are the popular systems and their differing capabilities?
- What to implement a competent, performance improving computer maintenance management system?

9. Preventive Maintenance

- What is preventive maintenance – really?
- How to install and run a preventive maintenance system that meets your requirements and improves overall quality?
- How to use TLC (Tighten, Lubricate, Clean) to minimise breakdowns?
- How to configure preventive maintenance to be the most effective in maintenance and controlling costs?

10. Predictive Maintenance, Conditioned-Based Maintenance and Computerisation Techniques

- What are the four major predictive maintenance techniques?
- How does predictive maintenance and technology "foresee" future maintenance requirements?
- How to use predictive maintenance to minimise usage of resources?
- How to make old predictive maintenance function to meet the demands of modern organisation?
- What are the practical predictive maintenance tools and how to use them?
- How to use statistics to improve maintenance operations?
- What to look out for when choosing or choosing your maintenance computer system?

11. Planning Overview

- Why is planning for maintenance operations so important?
- How to incorporate proper planning into your maintenance function?
- What are the step-by-step guidelines for integrating maintenance planning and scheduling with building's usage, fleet schedules and production schedules?

12. Special Issues in Maintenance

- What are the challenges and unique opportunities of each type of maintenance?
- What are seven best practices in breakdowns?
- What you can learn from other maintenance professionals outside your area?
(This session will also cover a cross section overview of all the above topics and various types of maintenance including factory, fleet, building and field service)

13. Putting it All to Work

- What are the specific steps you need to take to make this seminar work for you on your job?
- How to apply your new skills to specific situations?
- What are the resources you should gather and maintain to ensure effective maintenance operations?

Bonus Session:

Supervisor evaluation clinic: Every supervisor brings something unique to the supervisory relationship. Self-Assessment test is provided and explained during this session. This test will show the participants how they are as supervisors, where they need development and where they have weaknesses that can be exploited by their subordinates, peers or bosses.

- **The key attributes of a good supervisor**
- **The self-audit**
- **A tool-box for success**

PROGRAMME SCHEDULE

Registration: 08:30 – 09:00 hours Workshop: 09:00 – 17:00 hours
Luncheon, morning and afternoon tea-breaks will be provided for during the workshop.