

Maintenance 2010 Seminars

Special Discounts
Now Available

If your organisation books for 7 or more days of training the cost is only \$595 per person per day for all delegates that you register on these seminars

DAY 1 - Course One

Planned Maintenance & Maintenance People

The What, When & Who of Maintenance

(For Maintenance & Non Maintenance Personnel)

DAY 2 - Course Two

Maintenance Planning, Control and Systems

Maintenance Planning, Work Management and Execution,

Reporting and History, Asset Data Management, Stores, & CMMS/EAM's

(For all maintenance personnel and others associated with maintenance planning/work control/work performance/reporting etc)

DAY 3 - Course Three

Maintenance Management and Asset Management

An Introduction To Maintenance and Asset Management Activities & Techniques.

(For Maintenance & Non Maintenance Personnel)

Venues

Melbourne

10 - 12 May 2010

Sydney

24 - 26 May 2010

Townsville

7 - 9 June 2010

Presented By
Len Bradshaw

Organised By
Engineering Information
Transfer Pty Ltd
and the Asset Management
and Maintenance Journal

Each Delegate Receives:

- Detailed Seminar Slides in Hard Copy
- A CD of Hundreds of mb of Maintenance Related Facts, Techniques, Products, Systems and Software.
- The CD Includes extensive CMMS, EAM, and Reliability conference proceedings and many back issues of the Asset Management and Maintenance Journal.

**THE MOST SUCCESSFUL AND MOST
RECOGNISED MAINTENANCE RELATED SEMINARS**

* As well as Maintenance Personnel, why not also send your "Operations Personnel"

Course One

Planned Maintenance And Maintenance People

The What, When and Who of Maintenance

1 . Consequences of Good or Bad Maintenance

- The direct and indirect costs of Maintenance. The real cost of failures and cost of downtime. What do you cost and what are you worth.
- Effect of too little or too much planned maintenance.
- The need to provide and prove due care of your assets.
- Do you identify/record real maintenance costs and how do you respond and control those costs.

2 . Maintenance Activities

- The different activities performed in maintenance - emergency, corrective, preventive, predictive, condition based, detective, proactive maintenance, and designing for maintenance.
- Possible problems associated with fixed time replacement of components.
- Understanding what are failures in maintenance. The different failure types and how they affect what maintenance should be used.
- What maintenance is needed. Basic rules in setting inspection and PM frequencies.
- A brief introduction to maintenance planning, control and systems

3 . Inspections & Condition Based Maintenance

- What inspection and preventive/predictive techniques are now available in maintenance.
- A look at the wide range of inspection and condition monitoring techniques
- Basic visual inspections, oil analysis, vibration monitoring, thermography, acoustic emission, boroscopes, fibre optics, alignment techniques, residual current, etc.

Discussion 1: What techniques for repair, inspections & Condition Monitoring are used in your plant. Are they successful? If not why not?

4 . The People and Structures In Maintenance

- People - The most important assets in maintenance or are they ?
- The different organisational structures used for maintenance activities.
- Restructured maintenance; flexibility, multiskilling and team based structures.
- What motivates people to work with the company rather than against it.
- Are "competent" people managing, supervising, planning and doing the maintenance work.
- Are teams achievable in your organization? How far can you go.
- Utilising non maintenance resources.
- TPM - Total Productive Maintenance.
- Administrative responsibilities for teams.
- Recruitment and Reward methods.
- Maintenance Outsourcing/Contracting - for and against.

Discussions 2: Are your organisations using the right people and structures in maintenance? People issues in 2010.

Who should attend this 1 day seminar?

Planners, Team Leaders, Team Members, Supervisors, Tradesmen, Operations Personnel, Technicians, Engineers, Systems Managers, and others interested in maintenance of plant and assets.

Course Two

Maintenance Planning, Control and Systems

Maintenance Planning, Planners and Computerised Maintenance Management Systems/EAMs/ERP's

1 . Maintenance Planning and Control - The Overview

- The different processes and techniques involved with maintenance planning, control, and use of a CMMS.
- The move towards Asset Management Systems and beyond the traditional CMMS.
- Links to other management systems, control systems, GIS, GPS, Internet, Intranet,
- Web based systems. Asset Service Providers and Managed Service Providers.
- Benefits & Problems associated with implementation and use of a CMMS/EAM/ERP's.
- Systems and Devices that improve maintenance information, control and analysis.

2 . Maintenance Planning and Control - The Details

- Equipment coding, inventory and asset registers. Using the asset technical database. Identifying & controlling rotables. Asset and task priority or criticality
- Introduction to maintenance plan development. PM's and repair procedures.
- Maintenance requests. Quick work request/work order logging.
- A PM becoming a Corrective task. The small job.
- Backlog and frontlog files. Opportunity maintenance.
- Resource justification. Backlog file management.
- PM routines. Scheduling PM's and corrective maintenance.
- Determining the weekly work. How much work?
- Maintenance planning coordination meeting. Who attends and what is decided.
- Work order issue, work in progress. reporting back - automating this process.
- Feedback and history required. Automating the reporting process.
- Reports and performance measures.
- Performance measures for plant, maintenance, people and planning.

Discussion 1: The Planning and the CMMS/EAM/ERP in your organisation - its strengths & weaknesses.

3 . Maintenance Planning and Planners

- An Example of how the best plan and their Maintenance Activities.
- Pro-active Maintenance Planning.
- Who should be the planner. Responsibilities/duties of the planner.
- Full time or part time planners. Planner to Maintenance Personnel ratio.
- Planner's interaction with Supervisors, Technicians, etc.
- Value of effective planning and planners.
- Planning in different environments - failure response, team structures, etc.

4 . Maintenance Stores

- Store objectives. Introduction to stock control methods.
- Impact of maintenance type on stock requirements.
- Who owns the stores? Who owns the parts? User alliances. Consignment stock.
- Improving and monitoring service levels from your maintenance store.

Who should attend this 1 day seminar?

Planners, Team Leaders, Team Members, Supervisors, Tradesmen, Operations Personnel, Technicians, Engineers, Systems Managers, Stores Personnel and others interested in maintenance of plant and assets.

Course Three

Maintenance Management and Asset Management

This seminar introduces the wide range of Maintenance Management activities and techniques that may be applied within your organisation and the contribution Maintenance can make to company profitability and competitive advantage. Even if you are not directly involved in the use of these techniques it is still important that you have at least an understanding of what can be done and what can be achieved.

1 . Business & Organisational Success Via Better Maintenance

- The key role that maintenance plays in achieving business success. Maintenance as a profit creator.
- Maintenance in Good or Bad business times. Proving your worth. Reducing Direct or Indirect maintenance costs.
- Maintenance Impact on Safety, Insurance and Legal Costs. Risks of poor or under resourced maintenance.
- Maintenance based on corporate objectives.

Discussion1: Business approach to maintenance and Management's understanding of Maintenance.

2 . Achieving Better Maintenance

- Common features of the best maintenance organizations in the world. What is Maintenance Excellence.
- Maintenance excellence awards in Australia and overseas

2.1 The Best People:

- Leadership, recruitment, training, flexibility, motivation, teams, TPM, performance, rewards, core skills and outsourcing. Matching people and structures to your organisation.

2.2 The Best Parts Management:

- Stores management, stores objectives, vendor and user alliances, internet spares, parts optimisation, improved parts specifications, automated stores, stores personnel..

2.3 The Best Maintenance Practices:

- Better Corrective, Preventive, Predictive, and Proactive maintenance.
- Using downtime data to minimise the impact of downtime.
- Using failure data to optimise maintenance activities using Weibull analysis.
- Moving through Preventive / Predictive to Proactive Maintenance. Earning time to think and develop.

Discussion 2: Discussions on Maintenance Parts, People and Practices

3 . Analytical Methods In Maintenance

- Maintenance Plan Development and Optimisation Software. What they do and what can be achieved.
- Example of how to collect, use, and understand maintenance data.
- Fine tuning PM activities. Can we use MTBF? Timelines, Histograms, Pareto Analysis, Simulation.

4 . Asset Life Issues

- Introduction to Plant Design considerations that improve reliability, availability and maintainability.
- Introduction to life cycle costing of assets.
- Plant replacement strategies; LCC strategies - software tools.
- Better maintenance specifications of machines.

5 . Maintenance Strategies For The Future

- Setting Strategies: From Policy Statements, Audits, Benchmarking, Gap Analysis and Objectives through to Maintenance Performance Measures.
- Examples of Maintenance Objectives and Performance Measures.
- Sources of information on maintenance and reliability performance measures/standards.

Who should attend this 1 day seminar?

Maintenance Team Members, Technicians, Planners, Engineers, Supervisors and Managers; plus Production Supervisors/Managers & Accounts/Financial Managers, and others interested in maintenance of plant and assets.

The seminar is presented by Len Bradshaw

Len Bradshaw is a specialist in maintenance management and maintenance planning control and an international consultant in this field. Len has conducted over 300 courses for in excess of 9,000 maintenance personnel, both in Australia and overseas. He is managing editor of the AMMJ. He has a Masters Degree in Terotechnology (Maintenance Management) and has held several positions as Maintenance Engineer in the UK and other overseas nations. Len has conducted maintenance management courses for all levels of maintenance staff from trades personnel to executive management.

Seminar Fees

AUS \$695 for booking one day of training.

AUS \$660 per person per day for organisations that book for 2 to 6 days of training. Example - one person attending all 3 seminars.

AUS \$595 per person per day for organisations that book for 7 or more days of training. Example - three persons attending all three seminars will be eligible for this great discount.

The course fees are inclusive of GST and also include Seminar material as well as lunch and refreshments. Course fee does not include accommodation, which if required is the delegates own responsibility.

Confirmation A confirmation letter will be sent to each delegate.

Times The seminars start at 8:00am and end at 3:45pm, each day. Registration is from 7:45am on the first day the delegate attends the seminars.

How do I Register?

1. Fax the completed registration and provide credit card payment details. Fax: 03 59 755735
2. Or mail the completed registration form together with your cheque made payable to: Engineering Information Transfer Pty Ltd P.O. Box 703, Mornington, VIC 3931, Australia
3. Or Email and Indicate courses/ dates/ venue required/ personnel to attend and provide details of method of payment to: mail@maintenancejournal.com
4. Or send a formal company Purchase Order and we will invoice your organisation on that Purchase Order.

Cancellations: Should you (after having registered) be unable to attend, a substitute delegate is always welcome. Alternatively, a full refund will be made for cancellations received in writing 14 days before the seminar starts. Cancellations 7 to 14 days prior to the seminar dates will be refunded 40% of the registration fee, in addition to receiving a set of seminar notes. There will be no refund for cancellations within 7 days of the seminar dates. **This registration form may be photocopied.**

2010 VENUES AUSTRALIA

Melbourne: 10 - 12 May 2010

Rydges On Swanston Hotel
701 Swanston St,
Melbourne VIC
Web: www.rydges.com

Sydney: 24 - 26 May 2010

Coogee Bay Hotel
Cnr Coogee Bay Rd & Arden Street
Coogee NSW
www.coogeebayhotel.com.au

Townsville: 7 - 9 June 2010

Rydges Southbank Townsville
17-23 Palmer Street
Townsville QLD
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REGISTRATION FORM

Course
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Venue
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• Course One:

Planned Maintenance and Maintenance People

Melbourne

• Course Two:

Maintenance Planning Control and Systems

Sydney

• Course Three:

Maintenance and Asset Management

Townsville

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