



Centre for
Management
Technology®
into our 26th year

A 2-day intensive program on

Plant Reliability Improvements With Cost Reduction

- *Making your plant more reliable with considerable maintenance cost reduction opportunities*

27-28 April 2009 | JW Marriott Hotel Kuala Lumpur

FOCUSING ON

- Maintenance Philosophy
- Key Performance Indicators
- Goals and Objectives
- Work Planning & Scheduling
- Spare Parts Management
- Staffing and Contract Control
- Maintenance Work Procedures
- Technical Support & Training
- Safety
- Proactive Maintenance
- Projected Reduction On Maintenance Budget (15 – 30%) In Two Years
- Process Operations



WORKSHOP SESSION

GROUP 1 - To Develop A Proposed Maintenance Organization To Suit An Industry

GROUP 2 - To Develop A Maintenance Program Migrating From First To The Latest Maintenance Best Practices

OBJECTIVE

This 2-day course is designed to help increase plant reliability and introduce cost reduction initiatives that go hand in hand.

This course will also take into consideration the various aspects in making your plant more reliable with considerable maintenance cost reduction opportunities.

WHO SHOULD ATTEND

- Consulting Engineers
- Maintenance Engineers
- Project Engineers
- Maintenance Superintendents
- Maintenance Personnel
- Service Engineers
- Planners and Schedulers
- M & E Foremen
- Chargemen & Technical
- Technical Assistants
- HR and Administration staff
- Technical Co-ordinators
- Purchasing and Materials Control personnel
- Operation & Maintenance Personnel
- Technicians
- New/Trainee Engineers
- Contractors

METHODOLOGY

Participants learn through lectures, discussion, group presentation and exercises with interactive presentation (Questions & Answers). As the subject progresses, active audience participation is encouraged along the entire course.

Day 1 **Monday, 27 April 2009**

9:00 **Opening and Introductions**

9:30 **MAINTENANCE PHILOSOPHY**

- Key Performance Indicators
- Key Personnel Dashboard
- Spare Parts Philosophy
- Spares Management And Inventory Control
- CMMS

10:30 Morning Coffee

10:45 **WORK PLANNING & SCHEDULING**

- Levels Of Work Prioritization
- Work Orders Generation, Staff Assignments
- Backlog Management
- Outsourcing & Contracts Control
- Maintenance Organization, Staffing

1:00 Lunch and Zohor

2:00 **MAINTENANCE WORK PROCEDURES GENERATION**

- Refer To Existing Work Procedures
- Consult The Plant Maintenance Procedures Provided By Original Equipment Manufacturer
- Consult The Similar Experiences From Identical Equipments
- Look At The Possible Improvements Relative To Maintainability And Reliability
- Discuss With TSD For Other Technical Details

Program topics, speakers and schedules published herein are confirmed as at printing time. Please refer to the event's timetable page at www.cmtevents.com for the most up-to-date information.

- Consult With The Safety Group For Safe Procedures To Be Incorporated In The Draft Work Procedure
- Obtain Required Signatories For The Final Work Procedure
- Coordinate With Planning & Scheduling

3:30 Afternoon Tea

3:45 **TECHNICAL SUPPORT FUNCTIONS**

- Guidance On Plant Improvements, Plans And Repair Schemes
- Incorporating Continuous Improvement Programs Into Maintenance And Repair Initiatives
 - Material Upgrading
 - Maintainability Improvement
 - Process Loop Integrity

4:30 Open Forum

5:00 End of Day 1

Day 2
Tuesday, **28 April 2009**

9:00 **PROACTIVE MAINTENANCE**

- Review Existing Maintenance Programs Effectiveness
 - Migrating From Purely Preventive Maintenance To A Mix Of Best Maintenance Practices From Run To Failure, Preventive, Predictive.
 - Associated Costs And Benefits
 - + Cost Of Hardware And Softwares
 - + Cost Of Re-Training

10.30 Morning Coffee

10.45 **PROACTIVE MAINTENANCE** (cont.)

1:00 Lunch and Zohor

2:00 **PROCESS & MAINTENANCE OPTIMIZATION**

- Key Performance Indicators
- Retraining Operators And Technicians To Decrease Unplanned Shutdowns
- Development Of Multi-Skilled Personnel
- Work Simplification
- Introduce Outsourcing For Certain Scopes

+ Projected Reduction On Maintenance Budget (15 – 30%) In Two Years

- Additional Training Programs To Enhance Personnel Skills (Operations And Maintenance Staff)

- Reduction Of Maintenance Reworks
- Increase Of Equipment Run Times

3:30 Afternoon Tea

3:45 **WORKSHOP SESSION**

GROUP 1 - *To Develop A Proposed Maintenance Organization To Suit An Industry*

GROUP 2 - *To Develop A Maintenance Program Migrating From First To The Latest Maintenance Best Practices*

5:00 End of Program

Name	_____
Position	_____
Email	_____
Name	_____
Position	_____
Email	_____
Tel	_____
Fax	_____

Company	_____
Address	_____
City/Postcode	Country
Approving Manager's Name	_____
Position	_____
E-mail	_____

Fees: The full Registration Fee includes cost of all sessions, luncheon, coffee/tea & documentation.

	1 Person	Group fee for 3 or more* (from the same company)
Regular Fee	RM2295	RM1895 (MIN SAVINGS OF RM1200)

* Terms and conditions apply.

Cancellations, Refunds & Transfers: A full refund will be promptly made for all written cancellations 3 weeks before the meeting. Thereafter, cancellations are not refundable. A substitute may be made at any time.

Cheques : Crossed & payable to
"Centre for Management Technology Sdn Bhd"

Photocopy Registration Form to Preserve Brochure Copy. April 2009

TELEGRAPHIC TRANSFER

Account Name: **Centre for Management Technology Sdn Bhd**
A/C No: **3 - 0903390 - 12**
Bank: **Public Bank Berhad**
Branch: **Grd Floor, Menara Public Bank Jalan Ampang**
Swift Code: **PBBEMYKL**

TT must include additional RM10 for Beneficiary's Bank charges. Delegates must bear all bank charges and local taxes (if applicable). Fees must be NETT of ALL charges.

CMT into our 26th year is a global conference organizer HQ in Singapore. CMT's dedicated team works closely with market leaders to analyze the latest industry trends and provide information supporting your decision making. Our annual 60 events encircle the globe from Asia Pacific to the Middle East to New Europe/Russia and Latin America.

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TO REGISTER

Online : **www.cmtevents.com**
Email : **adminkl@cmtsp.com.sg**
Fax : **(603) 2162 6393**
Tel : **(603) 2162 7322**
Post to : **Lot 7.03, 7th Floor, North Block, The Ampwalk,
218 Jalan Ampang, 50450 Kuala Lumpur**

CERTIFICATE OF COMPLETION

A Certificate of Completion will be awarded upon successful completion of each program. This serves as evidence of your personal and professional commitment to you career.

PROGRAM TIMING

Registration: 8.30 am, Program Begins: 9.00 am,
Morning Coffee: 10.30 am, Lunch: 1.00 pm to 2.00 pm,
Tea Break: 3:30 pm, Program Ends: 5.00 pm

Register online ~ www.cmtevents.com

PROGRAM FACILITATOR

ROBERTO MARAVILLA, BS in Mech Eng., was acting Consultant to Petronas & Qatar Petroleum on Pipelines & Piping System and Mechanical Equipment Management.

Roberto was Team Leader for the implementation of several Plant Improvement Programs for Qatar Petroleum in the Middle East where plant uptimes generally averages 55% in the Oil and Gas industries. One power generation plant (combined cycle gas turbines) increased plant uptime by 15% over a period of two years. While in Malaysia, he was part of the Reliability Group responsible for implementing plant wide improvements to enhance plant uptime for refineries and petrochemical plants.

Prior to that, Roberto was a Corporate Assessor with a Multinational Oil and Gas company, where he evaluated the competency of engineers, operators and technicians. He was responsible for identifying, analysing, developing and delivering of courses/training programmes. Roberto has also customised courses for Esso Production Malaysia, Sudan Petroleum and PetroVietnam oil refinery.

He has taken the lead in the development and delivery of the multinational company initiative on "World Class Plants" with subjects like Plant Equipment Maintenance Management, Reliability Centered Maintenance, Pipelines and Piping Systems, Distillation Columns, Storage Tanks & Maintenance of Boilers.

Roberto was a Deputy Project Manager responsible for a project implementation valued at USD 40 million. He also served as a Project Manager in a Nuclear Power Plant overseas.

With his vast experience, he is able to provide hands-on and practical training sessions, which have received excellent feedback from past clients from both the local and international markets.