



APPLIED TECHNOLOGY
GROUP OF COMPANIES
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Applied Technology Group Sdn Bhd (1012178-W)

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Course On

SUSTAINABLE FACILITIES MANAGEMENT

Date : 18-19 July 2018
Time : 9.00 am to 5.00 pm
Venue : Armada Hotel, Petaling Jaya

SYNOPSIS

Facilities management is an ongoing management process, which will tune itself to the business approach and culture within an organization. It is an investment which will yield return in the long term and therefore, whole-company commitment to the process is essential to ensure that its adoption and incorporation are properly supported by the introduction of Value Added management service such as Energy management, Indoor Air Quality and Environmental management.

Building performance reflects the wear and tear a building undergoes and takes into account different uses and statutory demands placed on buildings. Total building performance modelling is a great management tool and technique for decision makers at both strategic and operational levels. The area of application in performance measurement and management, and their evaluation criteria will impact the success and unlock the value for money.

LEARNING OUTCOMES

- To establish the nature and scope of facilities management with emphasis on sustainable practices
- To gauge policies and procedures required to deal with routine and emergency maintenance
- To know building management, operation, maintenance management and building services
- To understand ways of devising strategies for the efficient management of electricity, waste and water in building complexes
- To understand building energy management, Technologies and practices in facility management and to formulate a plan to minimize energy usage in hospitality complexes that incorporates contemporary 'green' practices
- To know building technology and the various assessment of total building performance
- To conduct Green Building and Sustainability analysis and explore innovative solutions to enhance customer satisfaction scores/KPIs
- To understand the importance of sustainable FM and whole Life Cost of the Green building that will enable value creation and instil Green productivity in the built environment

Special Discount

Early Bird Discount RM100

Register for course and pay before 18 June 2018

SPEAKER PROFILE



Dr Kang Kok Hin
Managing Director, MPF Consultants Pte Ltd

Dr. Kang earned his 1st class honors B. Eng (Mechanical Engineering) from Monash University of Australia (PSC scholarship). He also obtained his Master of Engineering degree and Doctor of Philosophy in Building Science from NUS.

Professionally Dr. Kang is a Chartered Engineer in Australia and UK, Professional Engineer in Singapore; Corporate members of IFMA (USA)/BIFM (UK) in Facilities and Project management. He is a corporate member of ASHRAE (USA); ASME (USA); Fellow of Institute of Plant Engineers UK and Fellow of Asian Concrete Institute of Singapore. He founded the Institution of Facilities Management (IFM), Singapore and is currently its Honorary President. He sits in the "Spring Singapore Technical Committee" for Building and Maintenance Services as Committee Member. He also assisted Singapore Test Services in the R&D of advanced project management training. Dr. Kang is an Adjunct A/P, School of MAE Faculty, NTU; an concurrent Adjunct A/P of University Of Manchester UK for MSc (Project Management), spanning over a period of 5 years. He was also an Adjunct A/P in 2010 – 2012 for the School of Facilities and Events Management/SUSS, and Chairman of the Program Advisory Committee during the same period of time.

He started as a design and maintenance engineer with Singapore Public Works Department where he garnered the expertise in building design, operation and sustainable facilities/Infra-structure management, as well as strategic project management; accompanied by his 25 years of experiences in General business Management & international Asset and FM; in the capacities of General Manager of IT Park Bangalore India; Director of Wuxi Industrial Park China etc.; plus General Manager of CDL's 100% owned subsidiary company CBM etc. When PWD was corporatized, privatized and then becoming a private company, he has contributed toward the establishment of sustainable organization culture for excellent service quality.

For industry participation, he lectures in Singapore Building Construction Authority (BCA) & BCA Academy on Green Mark FM certification, Construction Management productivity, Sustainable FM, Project Design/Planning/Control and FM Solutions. He also sits in the BCA Academy BIM-FM steering Committee.

He has had several academic exchanges of Asset and Energy management with several Chinese universities and Industrial Parks, Retail malls, office/commercial, Institutions and industrial buildings on the importance of becoming green via the integration of data analytic, integrated maintenance planning with Artificial Intelligence, innovative technologies such as BIM-FM, strategic and sustainable FM approaches. He has also been reaching out to Institution of Engineer Malaysia and IKRAM (Malaysia Public Works Department).

SUSTAINABLE FACILITIES MANAGEMENT

WHO SHOULD ATTEND

This course is designed for people who own, manage and maintain property and facilities, as well as those who aim for sustainability and green productivity. This course is also suitable for management seeking for long term efficiency and value for money for their assets. You may be in the public or private sector and responsible for national asset portfolios or a substantial individual asset. The course content will also benefit consultants in this aspect as well as academics.

WHY YOU SHOULD ATTEND

Our assets and facilities comprise a substantial cost to the organization. It might not be as direct impact as production cost, but the effect to bottom line could just explode. Doing right the first time is crucial in this competitive business environment. Preventing failures is the way leading to higher efficiency and productivity. We need to manage to reduce our cost and to sustain the life cycle, and even beyond the life cycle. This course will equip you with :

- Current good practice examples of maintenance policies, procedures and practices aimed at obtaining value for money
- Train you how to assess the asset conditions and equip you with the right tools for the job
- Provide you with fresh ideas on how to manage building maintenance
- New technologies and tools to make life easier for the building and facility manager
- benchmark and measure your performance in sustainable facilities management

This course is built around case studies and real life examples which would certainly help you in implementation at your work place or serve as professional development for your future engagement.

*Claimable under HRDF SBL scheme subject to max limit allowed.
ENTITLED TO 12 BEM Approved CPD, 20 CIDB Approved CCD-Points AND
12 Approved PEB PDUs Singapore*

SUSTAINABLE FACILITIES MANAGEMENT

COURSE SCHEDULE

DAY 1	
9.00am - 12.30pm	<p>Principle of Facilities Management (FM) and Sustainable FM</p> <p>The topic describes the different technical aspects of FM and its fundamental principles. The course will introduce the term and concept in its entirety. This would mean its definition, scope, strategic direction and/or the new focus of strategic FM. They are specifically brief and only major issues of each are touched on. The brief summaries in the paper are meant to introduce and highlight the interconnectivity of all the aspects under the FM umbrella. Every aspect targets a specific part of FM facility, with each having its own degree of importance. FM is concerned with overall effectiveness and efficiency of the facility, and each aspect is important in its own right.</p>
10.30am - 10.45am	<i>Morning break</i>
12.30pm - 02.00pm	<i>Lunch</i>
2.00pm - 3.30pm	<p>Facilities Management (FM) versus Engineering Maintenance Management (MM)</p> <p>The topic examines the scope of FM and Maintenance management; its growth, goal, activities, personnel, organization and challenges involved in the field FM. It also looks at the fundamentals of engineering maintenance management and the right strategies to be adopted. Both the FM and MM are required in the understanding of building performance. The module showcases how FM and MM will impact on the performance of building services, maintainability, churn rate, staff turnover and productivity; proliferation and diversity. It will also explain the concept & benefits of adopting "Reliability Based or Centered Maintenance" (RCM), to ensure assets continue to do what their users require in their present operating environment; including case studies of some of the Best Practices adopted.</p>
3.30pm - 3.45pm	<i>Afternoon break</i>
3.45pm - 5.00pm	<p>Types of Maintenance Strategies to Enhance Total Building Maintainability & Service Delivery</p> <p>The topic describes the various types of maintenance/maintenance activities, e.g. preventive, breakdown, proactive & predictive etc to enable and facilitate the FM team to better appreciate the differences and purpose of each type maintenance/maintenance activity and the commonly adopted building maintenance strategies in the Facilities Management & Maintenance, inclusive of some case studies.</p>
<i>END OF DAY ONE</i>	

SUSTAINABLE FACILITIES MANAGEMENT

COURSE SCHEDULE

DAY 2

9.00am - 12.30pm	<p>Asset Condition Assessment and Management</p> <p>The objective of this topic is to provide facility maintenance staff an appreciation of the objectives of condition assessment and an understanding of the different condition assessment approaches to meet both tactical and operational requirements. You will:</p> <ul style="list-style-type: none"> ▪ Understand the purpose and benefits of condition assessment ▪ Appreciate the role of condition assessment in facilities management ▪ Perform an effective asset condition assessment with the knowledge.
10.30am - 10.45am	<i>Morning break</i>
12.30pm - 02.00pm	<i>Lunch</i>
2.00pm - 3.30pm	<p>Asset Management Principles and Value Added Services</p> <p>Best practice asset management generally includes the following activities:</p> <ul style="list-style-type: none"> • Life cycle costing analysis should be used for all decisions related to renewal alternatives; • A systematic approach comprising condition assessment, maintenance analysis and risk management should be integrated with the day-to-day facilities maintenance and operations; • Computerised maintenance management system must be adopted; • Maintenance can be deferred only if the impact on life expectancy and life cycle costs is minimised; • An organisation's asset database must be managed and coordinated by a committee comprising technical, financial and corporate personnel; and • Long term business plan should be founded on the development of a Total Asset Management Plan.
3.30pm - 3.45pm	<i>Afternoon break</i>
3.45pm - 5.00pm	<p>Performance Measurement & Management</p> <p>Effective methods of evaluating building performance to help decision makers in adjusting to the trends of changes are briefly discussed (good to know and for future initiative). Key performance Indicators and balanced scorecard concept are also explained to enhance FM maintenance expertise in the long run, thereby ensuring strategic fit to the business objectives and efficacies.</p>
<i>END OF DAY TWO</i>	

COURSE REGISTRATION FORM

Course title:
Sustainable Facilities Management

(✓ Please tick)

18-19 July 2018
Petaling Jaya, *Armada Hotel*

Company Information

Company:	
Address:	
State/ Province:	
Zip/Postal Code:	
Country:	
Contact Person:	
Email:	
Phone:	

Attendee Information

Name (1)	
Job title:	
E-mail:	
Mobile/Tel No:	
Name (2)	
Job title:	
E-mail:	
Mobile/Tel No:	
Name (3)	
Job title:	
E-mail:	
Mobile/Tel No:	

Registration Fee

	Fee
Individual Fee	RM2,000
Group Fee (3 or more delegates)	RM1,800

Closing date: 11 July 2018. An early bird discount of RM100 for payment received before 18 June 2018.

Payment

Payment is to make payable to:
Applied Technology Group Sdn Bhd
Public Bank Berhad (Malaysia)
Account no: 3178247302
GST Registration Number: 000641294336

Payment terms:

Payment is required before the event. Once received your place is automatically reserved. Registration fee includes lunch, refreshments and full training documentation as specified. Delegates may be refused admission if payment is not received prior to the event. The fee does not include hotel accommodations.

Cancellation Policy

All cancellation of registration must be made in writing.

If you are unable to attend:

- A substitute delegate is welcomed at no additional charge.
- Your registration can be credited to a future event.
- You will receive a full refund less 10% administration charge if cancellation is received in writing more than 14 days before the event.
- No cancellations will be accepted within 14 days before the event start date. Full course documentation will however be sent to the delegate.

Course Schedule

Course starts at 9.00am and ends at 5.00pm daily. Please arrive at 8.30am on day one to allow time to register and receive course materials.

Please send completed form to:

Fax to: +603 5637 9945
or Email to : admin@apptechgroups.net
For enquiry, please call: +603 5634 7905
Or refer to our website www.apptechgroups.net

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