



APPLIED TECHNOLOGY
GROUP OF COMPANIES
Australia • New Zealand • Hong Kong • Malaysia • Singapore

Applied Technology Group Sdn Bhd (1012178-W)

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Course On

Managing Building Pathology and Maintenance

Date : 11th – 12th January 2017
Time : 9.00 am to 5.00 pm
Venue : Armada Hotel, Petaling Jaya

SYNOPSIS

Occupying and using premises are a significant cost overhead to any business or organisation. Well maintained, fit for purpose and compliant property assets are critical to the delivery of core business in all organisations; all businesses and public sector organisations need reliable, efficient and safe buildings to operate from. Poor internal air quality arising from building defects and the use of materials can be detrimental to the health and wellbeing of occupants and users.

Unfortunately many public and commercial sector organisations continue to fail to ensure that building assets are maintained to provide satisfactory levels of performance and safety. A lack of investment in the management of maintenance increases risk of building closure, poor value for money, threats to health and safety in the workplace and depreciated asset value.

Building owners and managers now face the added pressure to take action to minimise environmental impact in the face of climate change. Facility and property managers have to confront the challenges of sustainable construction, retrofit and maintenance.

LEARNING OBJECTIVES

This 2 days course will provide you with :

- An understanding of the importance of planned maintenance within an asset management approach and the tools and techniques required.
- An understanding of building structures, design detailing and common building defects.
- An appreciation of the strategies required to prevent building defects from occurring and mitigating their effects once signs of failure are identified.
- Guidance on smart ways of procuring repair and maintenance work efficiently, including tips on project managing contracts.
- Examples of good practice in planned building maintenance from the UK, New Zealand and other countries.

Special Discount

Early Bird Discount RM100

Register for course and pay before 12 December 2016

***Claimable under HRDF SBL scheme subject to max limit allowed.
CIDB CCD Points (Application In Progress)***

Managing Building Pathology and Maintenance

SPEAKER PROFILE



Mr. Malcolm Thomas

BSc(Hons), DipTP, FRICS, MIFSM
Chartered Building Surveyor and Town Planner

A chartered building surveyor and town planner with 40-years' experience in consultancy and public sector organisations, Malcolm brings a wealth of international experience to his role as building surveyor. He is currently based in Auckland with consultants Prendos New Zealand Ltd.

Working in private consultancies following periods in local government and tertiary institutions, Malcolm's broad professional experience covers both commercial and public sector building surveying specialising in planned maintenance and property asset management.

For the first 15 years of his career Malcolm undertook town planning and building surveying roles for three London Boroughs before relocating to Singapore and fulfilling a three-year position in the National University of Singapore as a Teaching Fellow in the Faculty of Architecture and Building.

In 1991 Malcolm returned to the private sector as a senior building surveyor and founded a successful building surveying company within a New Zealand-based multi-national civil and structural engineering consultancy based in Singapore and Malaysia. It was then back to Europe for a year and the founding of another new business - this time as a business partner - providing quantity and building surveying services throughout Spain.

In 1993 Malcolm became associate director of a UK multi-disciplinary consultancy and for the next 19 years managed teams of surveyors and engineers delivering construction projects, major building surveys for asset management and a diversity of professional surveying services across a wide range of property sectors.

In 2012 Malcolm returned to freelance consultancy and training for building professionals and non-building technical managers. Malcolm is a published author on the subject of building pathology and has provided training in Australia, New Zealand, Malaysia, Hong Kong, Brunei and the UK.

WHO SHOULD ATTEND

This course is designed for people who own, manage and maintain property. You may be in the public or private sector and responsible for national property portfolios or a substantial individual property. The course content will also benefit consultant property and facility managers as well as academics. The content draws on case study material from all types of buildings, including residential, retail, offices, leisure, hotels, industrial, commercial, schools and colleges.

Managing Building Pathology and Maintenance

WHY SHOULD PEOPLE ATTEND?

We need to understand how buildings perform and what can go wrong. Planned building maintenance maximizes cost savings and provides better value for money. Managing building pathology and maintenance is about looking after your premises throughout their 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 survey and investigate building defects 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

As the owner or manager of building assets it is essential to adopt a proactive approach to planned maintenance. The alternative reactive approach usually represents poor value for money and is inherently high risk. This course is built around case studies and you will find it a stimulating source of information for your professional development.

Managing Building Pathology and Maintenance

COURSE SCHEDULE

DAY 1

9.00am - 10.30am	Session 1: The importance of building maintenance within an asset management framework <ul style="list-style-type: none">a. Building life cycle and maintenance conceptsb. Asset and facilities managementc. Maintenance systemsd. Statutory compliance and managing riskse. BIM and new technologies
10.30am - 10.45am	<i>MORNING TEA BREAK</i>
10.45am - 12.30pm	Session 2: Maintenance technology <ul style="list-style-type: none">a. Essentials of building structures and designb. Common building defects - roofs, facades, architectural finishes and service installationsc. Effects on health, safety and wellbeing of occupants and usersd. Survey, investigation, testing and diagnosis tools and techniquese. Repair appraisal and selection
12.30pm - 2.00pm	<i>LUNCH</i>
2.00pm - 3.30pm	Session 3: Maintaining the building envelope - roofs and building facades <ul style="list-style-type: none">a. Flat and pitched roofsb. Wall cladding & curtain wallingc. Windowsd. Concrete structurese. Painted & plastered finishes
3.30pm - 3.45pm	<i>TEA BREAK</i>
3.45pm - 5.00pm	Session 4: Maintaining architectural finishes and basements <ul style="list-style-type: none">a. Internal wet areas and floor finishesb. Wall & ceiling finishesc. Basements & drainaged. Building service installations
<i>END OF DAY ONE</i>	

Managing Building Pathology and Maintenance

COURSE SCHEDULE

DAY 2

9.00am - 10.30am	<p>Session 5: Strategies for prevention and mitigation of defects</p> <ul style="list-style-type: none"> a. Strategies for prevention and mitigation of defects b. Property maintenance plans c. Prioritising, budgeting and preparing bids for capital expenditure d. New technologies, IT and software tools to help managers
10.30am - 10.45am	<i>MORNING TEA BREAK</i>
10.45am - 12.30pm	<p>Session 6: Designing for maintenance</p> <ul style="list-style-type: none"> a. Making a building easier to maintain - interior and building services b. Making a building easier to maintain - external c. Selecting and specifying materials d. Building asset registers and keeping good records
12.30pm - 2.00pm	<i>LUNCH</i>
2.00pm - 3.30pm	<p>Session 7: Building condition assessments and maintenance plans</p> <ul style="list-style-type: none"> a. Setting up and carrying out a survey b. How to prepare a maintenance plan c. Software for maintenance planning d. Case studies
3.30pm - 3.45pm	<i>TEA BREAK</i>
3.45pm - 5.00pm	<p>Session 8: Sustainable construction, retrofit and maintenance</p> <ul style="list-style-type: none"> a. Implications and challenges of climate change on building performance and sustainability b. Microgeneration and renewable energy c. Design, specification and sourcing materials d. Water, drainage and flood risk e. Waste management and using recycled materials
<i>END OF DAY TWO</i>	



COURSE REGISTRATION FORM

Course title:
**Managing Building Pathology
 and Maintenance**

(✓ Please tick)

11th – 12th January, 2017
 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 Before GST	GST (6%)	TOTAL
Individual Fee	RM2,000	RM120	RM2,120
Group Fee (3 or more delegates)	RM1,800	RM108	RM1,908

Closing date: 4th January 2017. An early bird discount of RM100 for payment received before 12th December 2016.

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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