



ASSOCIATION OF
CONSULTING ENGINEERS
SINGAPORE

ACES-IMI TA Seminar

Principal of Pressure Maintenance Keys points in Hydronic Design



Date: 30 August 2019 (Fri)
Duration: 12.30 pm to 6.00 pm
Venue: 18 Sin Ming Lane
#06-01 Midview City
Singapore 573960

ACES Member:	\$30 / pax
RE/RTO (M&E):	\$60 / pax
Non-Member:	\$90 / pax

CPD: PDUs / STUs (M&E) – to be confirmed



SYNOPSIS

PART 1: Principal of Pressure Maintenance & Water Quality

This seminar provides a comprehensive knowledge of principal of pressure maintenance. Upon completion of this seminar, each participant will understand the importance of correct pressure maintenance in ACMV installations and between pressure maintenance and corrosion issues.

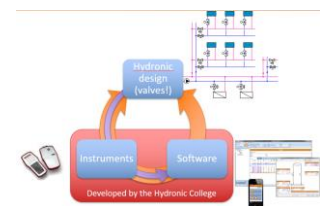
PART 2: Keypoints on Hydronic Design

Upon completion of this seminar, each participant will understand the Basic Hydronic System Design Principles to achieve indoor comfort with the least energy use.

OBJECTIVES

PART 1: Principal of Pressure Maintenance & Water Quality

- The importance of correct pressurization in ACMV installations
- The importance of preventing and removing air in ACMV installations
- The method of separating dirt efficiently
- Calculation of expansion vessels



PART 2: Keypoints on Hydronic Design

- The importance and methods of chilled water balancing
- The importance of valve authority in part load condition
- How DP controller valve enhance better flow control
- The importance of EQM Characteristic for control valve plug design for Modulating Control
- Identify correct location for DP Sensor for maximum energy savings at part load

SPEAKER PROFILE



Alan Tay is the Technical Director of IMI Hydronic Pte Ltd.

In his role, Alan is responsible for leading the South East Asia providing technical support to customers and IMI Hydronic/Distributors sales team on Hydronic system implementation in commercial buildings and industrial plants.

PROGRAMME OUTLINE

Time	Topic
12:30 pm	Registration & Networking with lunch provided
1:30 pm	PART 1: Principal of Pressure Maintenance & Water Quality
2:30 pm	PART 2: Keypoints on Hydronic Design
3:30 pm	Light refreshments
4:00 pm	PART 2: Keypoints on Hydronic Design (cont'd) Q & A
6:00 pm	End of Seminar

REGISTRATION FORM

For enquiry, please call ACES Secretariat at Tel: 6659 5023

Kindly sign and submit your completed registration form to secretariat@aces.org.sg

Code	Title	Fee per pax	Schedule	Venue
S30	ACES-IMI TA Seminar Principal of Pressure Maintenance Keys points in Hydronic Design	ACES Member: \$30 RE/RTO (M&E): \$60 Non-member: \$90	30 Aug 2019 (Fri) 12.30 pm to 6.00 pm	18 Sin Ming Lane #06-01 Midview City Singapore 573960

S/N	Full Name	PE No.	ACES M'ship No.	M&E RE / RTO No.	last 3 digits + last alphabet of NRIC (e.g. ...123x)
1.					
2.					
3.					

Company:		
Address:		
Contact Person:	Mobile No.:	Email:

PAYMENT

Enclosed is a Cheque No: _____ (Cheque should be crossed and made payable to “**Association of Consulting Engineers Singapore**” and mailed to “18 Sin Ming Lane #06-01 Midview City, Singapore 573960, Attention: ACES Secretariat”).

[Note: On the back of the cheque, please indicate participant name & event name]

<p>Terms and Conditions</p> <p>By submitting and signing this application form, the company and individual applicant agree to the following:</p> <ul style="list-style-type: none"> a) The company and individual applicant has read and understood the terms of the flyer (if available) and the application form. b) Payment for the course must be made (in form of cheque or cash) two weeks before the course commencement date. c) ACES reserves the right to amend any details relating to the course, revise the course fees without prior notice, cancel or postponed the course. d) Cancellation – In the event that participant is not able to attend, please inform us in writing at least 3 working days before the event date. Otherwise full payment is still applicable even if the participant did not turn up for the course. 	<p style="text-align: right;">To be completed by Company and Individual Applicant</p> <p>COMPANY APPLICANT</p> <p>Name: _____</p> <p>Signature: _____</p> <p>Date: _____</p> <div style="border: 1px dashed gray; width: 100%; height: 80px; margin: 10px 0;"></div> <p style="text-align: center; font-size: small;">Company stamp (for company application)</p> <p>INDIVIDUAL APPLICANT</p> <p>Name: _____</p> <p>Signature: _____</p> <p>Date: _____</p>
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