



ASSOCIATION OF
CONSULTING ENGINEERS
SINGAPORE

ACES-Danfoss Seminar



Date: 27 September 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: Electro Magnetic Compatibility (EMC) issues when operating VSD

Electro Magnetic Compatibility (EMC) will be discussed and what are the cause and effect it will have on the system if it is not taken care of.

PART 2: Harmonics and High Efficiency AHU Solution

Discuss effects of Harmonics by VSD and mitigating solutions.

Introduce High Efficiency AHU Solution, the difference in efficiency compare to the current market solution.

OBJECTIVES

PART 1: Electro Magnetic Compatibility (EMC) issues when operating VSD

- Understanding on EMC issues when operating VSD.
- Ways to minimize EMC for the system

PART 2: Harmonics and High Efficiency AHU Solution

- To understand issue on Harmonics.
- What are the various types of Harmonics mitigation.
- High Efficiency AHU Solution – what are the current practice in the market and its Efficiency.
- What is the Efficiency of the new solution?
- Case studies.

SPEAKER PROFILE



Deepinder Chani,
Director - Commercial Buildings (API) and Refrigeration (Global) Danfoss Drives New Delhi, Delhi, India

Experienced Global Director with a demonstrated history of working in the electrical and electronic manufacturing industry. Skilled in HVAC, Value Engineering, Value Selling, Sales Management, and People Management. Strong business development professional with a Bachelor of Engineering (BEng) focused in Electrical Engineering from Indian Institute of Technology, Roorkee.

PROGRAMME OUTLINE

Time	Topic
12:30 pm	Registration & Networking with lunch provided
1:30 pm	PART 1: Introduction to VLT HVAC Drive & Electro Magnetic Compatibility (EMC) Q & A
3:30 pm	Light refreshments
4:00 pm	PART 2: Harmonics and High Efficiency AHU Solution 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
S31	ACES-Danfoss Seminar	ACES Member: \$30 RE/RTO (M&E): \$60 Non-member: \$90	27 Sep 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]

Terms and Conditions	To be completed by Company and Individual Applicant
<p>By submitting and signing this application form, the company and individual applicant agree to the following:</p> <ol 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>COMPANY APPLICANT</p> <p>Name: _____</p> <p>Signature: _____</p> <p>Date: _____</p> <div style="border: 1px dashed black; 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>