

**MALAYSIAN AIR-CONDITIONING & REFRIGERATION ASSOCIATION (REG.III)**  
**NO.27-3, JALAN 1/116B, KUCHAI ENTERPRENEUR'S PARK, 58200 KUALA LUMPUR**  
**TEL: 03- 7980 1780 FAX : 03- 7980 1781 EMAIL : [enquiry@macra.org.my](mailto:enquiry@macra.org.my)**

**ORGANIZED BY :**



**SUPPORTED BY :**



**1 DAY FUNDAMENTAL OF AIR CONDITIONING SYSTEM**  
**08<sup>TH</sup> OCTOBER 2015 AT MACRA SECRETARIAT OFFICE, JLN KUCHAI LAMA, KL**

**Speaker's Profile- Mr Gan Chok Ser**

Mr Gan is the Advisory Committee Panel for MARA to review and improve the course content in the Air Conditioning Course conducted at Institute Kemahiran MARA (IKM). He was also a member of Construction Industry Development Board Malaysia (CIDB) to develop Course of Study (COS) in ACMV-Piping & Ducting since 2006.

Mr Gan has 20 over years of practical working experience in air conditioning system service maintenance, commissioning, upgrading and trouble shooting of chiller system especially Dunham-Bush chillers. He has been working with Dunham-Bush (a major air conditioning equipment provider) for the past 16 years before setting up his own Servicing Company, COOLING INNOVATION SDN BHD in 2010 offering services in the fields of mechanical systems design, supply, installation, retrofitting, trouble shooting, service, maintenance of Air conditioning system and related services.

**Who should attend?**

Air Conditioning Contractors, Air conditioning Sub-Contractors, Technical Supervisor, Air Conditioning Field Technician and Building Maintenance Technician.

**Course Outline:**

- 1) Theory & Principles of Comfort Cooling
- 2) Introduction of Water Cooled Chiller and Air Cooled Chiller
- 3) Introduction of Air Cool and Water Cooled Split Air Conditioner
- 4) Introduction to Superheat and Subcooling of the Refrigerant. What you could benefit from the Superheat and Subcooling Study
- 6) Practical for Superheat and Subcooling Calculation & Quiz
- 7) Service and Maintenance of split air conditioning and Chiller. What you should do?
- 8) Result Presentation & Question and Answer

**Course Fee**

- Fees** : RM550.00 ( MACRA Member with Valid CIDB Green Card)  
: RM600.00 (MACRA Member without Valid CIDB Green Card)  
: RM700.00 (Non-MACRA Member & With CIDB Green Card)  
: RM800.00 (Non-MACRA Member & Non-Green Card Holder)

Early Bird Discount: RM100.00 (Registration and payment before 28<sup>th</sup> September 2015)  
Group Discount: 3 persons from same organization -\$50/- per person.

**REGISTRATION FORM**

**1 DAY INTENSIVE COURSE ON FUNDAMENTAL OF AIR CONDITIONING SYSTEM**

Dear all MACRA Members, Associates & ACMV Related Industrial Personal, MACRA is pleased to inform that a training course for " **FUNDAMENTAL OF AIR CONDITIONING SYSTEM** " will be held at **MACRA SECRETARIAT OFFICE, JLN KUCHAI LAMA, KL** on **08<sup>th</sup> October 2015** . Again this course is jointly organized and endorsed by **LEMBAGA PEMBANGUNAN INDUSTRIES PEMBINAAN MALAYSIA (CIDB)**

- Venue** : JLN KUCHAI LAMA, KL **Date** : 08<sup>th</sup> October 2015  
**Time** : 9.00 am – 5.00 pm **Closing** : 05<sup>th</sup> October 2015  
**Fees** : RM550.00 ( MACRA Member with Valid CIDB Green Card)  
: RM600.00 ( MACRA Member without Valid CIDB Green Card)  
: RM700.00 ( Non-MACRA Member & With CIDB Green Card)  
: RM800.00 ( Non-MACRA Member & Non-Green Card Holder)

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**Contact Person: ANN 03- 7980 1780/CS GAN 016 207 1681 FAX: 03 – 7980 1781**  
**EMAIL : [enquiry@macra.org.my](mailto:enquiry@macra.org.my)**



Course Facilitator : CS GAN ( Chairman of Education Committee)

Email : [csgan@coolinginnovation.com.my](mailto:csgan@coolinginnovation.com.my)/ 016 207 1681

NO	NAME OF PARTICIPANTS	COMPANY NAME	DESIGNATION	FEE(S) RM
1				
2				
3				
4				
5				

Please reply or confirm your attendance not later by 05<sup>th</sup> October 2015. Registration is on first-come first-serve basis. Only limited seats are available.

Enclosed herewith is a crossed cheque Bank: \_\_\_\_\_ No \_\_\_\_\_ for the sum of RM \_\_\_\_\_

Issued in favour of " **MALAYSIAN AIR CONDITIONING & REFRIGERATION ASSOCIATION** " . **ALLIANCE BANK A/C NO. 140730010108411**

(Course fee must be sent with registration form in advance. Participants may be refused admission if payment is not received prior to the event)

I/We understand that the fee is not refundable if I/We withdraw after my/our application is/are accepted by MACRA but substitution of participants will be allowed. If I/We fail to attend the course, I/We will settle the registration fee in full.

Contact Person : \_\_\_\_\_ Designation: \_\_\_\_\_ Tel: \_\_\_\_\_

Company Name : \_\_\_\_\_ Email: \_\_\_\_\_ Fax : \_\_\_\_\_